

LSE. #

21893

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RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

FORM P-4
Rev. 6/80

Producer's Certificate of Compliance and Authorization to Transport Oil and/or Casinghead Gas from an Oil Lease or Gas and/or Condensate from a Gas Well.

RRC District No.	7B
Oil Lease No.	21893
Gas Well ID No.	
Gas Well No.	
Effective Date	
County	Eastland

Field Name (as per RRC records)	Lease Name	
Cameron Two (Duffer Lime)	M. A. Clyatt	
Operator's Name		
Chase-Mann Petroleum, Inc.		
Address		
510 Ridglea Bank Building		
City, State, Zip Code		
Fort Worth, TX 76116		
Location (Section, Block, and Survey)	Distance and Direction to nearest town in this county	
Sec. 31, Blk. 4. H&TC RR Co. Survey	3 miles NW of Eastland	

GAS GATHERER PURCHASER AND NOMINATOR

NOTE: The names of all three of the above must be furnished for all gas sold.

Name	RRC USE ONLY	INDICATE MARKET	Intermediate	Interstate
El Paso Hydrocarbons	ELPDHY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Address	100 %	Gas Well Gas	<input checked="" type="checkbox"/>	Gatherer
P.O. Box 3986	of the	Full Well Stream	<input checked="" type="checkbox"/>	Purchaser
City, State, Zip Code		Casinghead Gas	<input checked="" type="checkbox"/>	Nominator
Odessa, TX 79760				
Name	RRC USE ONLY	INDICATE MARKET	Intermediate	Interstate
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Address		Gas Well Gas	<input type="checkbox"/>	Gatherer
		Full Well Stream	<input type="checkbox"/>	Purchaser
City, State, Zip Code		Casinghead Gas	<input type="checkbox"/>	Nominator
Name	RRC USE ONLY	INDICATE MARKET	Intermediate	Interstate
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Address		Gas Well Gas	<input type="checkbox"/>	Gatherer
		Full Well Stream	<input type="checkbox"/>	Purchaser
City, State, Zip Code		Casinghead Gas	<input type="checkbox"/>	Nominator

OIL OR CONDENSATE GATHERER

Name	RRC USE ONLY	INDICATE MARKET	Intermediate	Interstate
Tesoro Crude Oil Company	TE503	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Address	100 %	Gas Well Gas	<input checked="" type="checkbox"/>	Oil
8700 Tesoro Drive	of the	Full Well Stream	<input type="checkbox"/>	Condensate
City, State, Zip Code		Casinghead Gas	<input type="checkbox"/>	
San Antonio, TX 78286				
Name	RRC USE ONLY	INDICATE MARKET	Intermediate	Interstate
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Address		Gas Well Gas	<input type="checkbox"/>	Oil
		Full Well Stream	<input type="checkbox"/>	Condensate
City, State, Zip Code		Casinghead Gas	<input type="checkbox"/>	

INDICATE PURPOSE OF FILING

<input checked="" type="checkbox"/>	New Oil Lease or Gas Well Form W-1 (Application for Permit to Drill, Deepen or Plug Back) filed in the name of:	M. A. Clyatt	Lease			
	Chase-Mann Petroleum, Inc.					
<input type="checkbox"/>	Change of Gatherer	<input type="checkbox"/>	Change of Purchaser	<input type="checkbox"/>	Change of Nominator	FOR RRC USE ONLY
<input type="checkbox"/>						Field No.
<input type="checkbox"/>	Change field name from _____					Operator No.
<input type="checkbox"/>	Change operator name from _____					Approved
<input type="checkbox"/>	Change lease name from _____					J.C. BOULDIN
<input type="checkbox"/>	Consolidation or subdivision of lease (Attachments required - See Instructions)					
Previous Form P-4 approval date if filed (or prior SW-1 number)	1/1	mo.	day	yr.	SW-1 Number or Date	JAN 07 1985
REMARKS						

AUTHORIZATION BY CURRENT OPERATOR

The undersigned certifies that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and the undersigned further certifies that the conservation laws of the State of Texas and all rules, regulations, and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

11-12-84

Richard A. Cameron

President

(817) 732-0672

A/C & Telephone No.

Date

Signature

Title

Previous Operator

Signature

Address

Title

City, State & Zip Code

Date

Area Code & Telephone No.

If there are additional gatherers, purchasers, or nominators, check here and use reverse side of this form.

RECEIVED
R.R.C. OF TEXAS
NOV 30 1984

ABILENE, TEXAS

GAS GATHERER PURCHASER AND NOMINATOR					
NOTE: The names of all three of the above must be furnished for all gas sold.					
Name	RRC USE ONLY	INDICATE MARKET	Interstate	Intrastate	
Address		<input type="checkbox"/> Gas Well Gas	<input type="checkbox"/>	<input type="checkbox"/> Gatherer	
City, State, Zip Code	% of the	<input type="checkbox"/> Full Well Stream	<input type="checkbox"/>	<input type="checkbox"/> Purchaser	
Name	RRC USE ONLY	INDICATE MARKET	Interstate	Intrastate	
Address		<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/>	<input type="checkbox"/> Nominator	
City, State, Zip Code	% of the				
Name	RRC USE ONLY	INDICATE MARKET	Interstate	Intrastate	
Address		<input type="checkbox"/> Gas Well Gas	<input type="checkbox"/>	<input type="checkbox"/> Gatherer	
City, State, Zip Code	% of the	<input type="checkbox"/> Full Well Stream	<input type="checkbox"/>	<input type="checkbox"/> Purchaser	
Name	RRC USE ONLY	INDICATE MARKET	Interstate	Intrastate	
Address		<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/>	<input type="checkbox"/> Nominator	
City, State, Zip Code	% of the				

OIL OR CONDENSATE GATHERER

Name	RRC USE ONLY				
Address		<input type="checkbox"/> Oil			
City, State, Zip Code	% of the	<input type="checkbox"/> Condensate			
Name	RRC USE ONLY				
Address		<input type="checkbox"/> Oil			
City, State, Zip Code	% of the	<input type="checkbox"/> Condensate			

INSTRUCTIONS

- Each and every operator of oil, gas and/or condensate producing properties in the State of Texas shall file with the proper RRC District Office three (3) copies plus one additional copy for each gatherer shown on this form authorizing the gatherer(s) (whether himself or someone else) to transport the oil, gas and/or condensate from the properties of such producer. If the first purchaser and/or nominator for gas is different from the gatherer, an additional copy must be filed for each purchaser and nominator named on this form.
 - Authorization is required for each person or gatherer transporting oil, gas and/or condensate from an oil lease or gas well. In the case of a split connection, the percentage of oil, gas and/or condensate each gatherer is authorized to transport shall be shown.
 - Each operator shall file a separate form for each oil lease or gas well listing all authorized gatherers for this oil lease or gas well on one form. Also, the names and addresses of the first purchaser and nominator must be furnished for all gas sold from the oil lease or gas well. The effective date must be shown on all changes, but is not necessary on a new lease or well.
 - No oil, gas and/or condensate shall be moved from any oil lease or gas well until this form is completed and filed with the proper RRC District Office.
- After the RRC agent in charge has approved this form, two (2) copies will be retained by the RRC and the remaining copies will be distributed to the producer and to each gatherer, purchaser, and nominator.
- After an operator has filed this form with the RRC, thereby establishing himself as the current operator, it shall bind said operator until cancelled by him or revoked by the RRC. A new Form P-4 shall be filed if there is: (a) change in operator, (b) change in gatherer(s), (c) change in field name, (d) change in lease name, (e) change in first purchaser of gas, (f) change in nominator for gas, (g) consolidation or subdivision of leases, or (h) authorization to transport production has been cancelled by the RRC. (When consolidating or sub-dividing, attach to each copy of Form P-4, a P-6 Form with a BEFORE and AFTER plat of lease showing changes. Plat should show distance to lease line and between wells along with proration units assigned (if acreage is in the field's allocation formula).)
 - If this form is filed because of or includes a change in operator name, the new operator will be the current operator and will execute this form. The proper lines under "Indicate Purpose of Filing" shall be checked and completed. Authorization to the gatherer(s) shall be by the new or current operator. The previous operator is required to execute the "Operator Name Change Acknowledgment" before the RRC records will be changed.
 - This authorization may be revoked by the RRC at any time for failure to comply with the oil and gas conservation laws of the State of Texas and the rules, regulations and orders of the Railroad Commission of Texas.

NOTE: FILING OF FORM P-5 (ORGANIZATION REPORT) SHOWING EXACT OPERATING NAME IS REQUIRED FOR ALL NEW OPERATORS AND/OR ORGANIZATION CHANGES.

32 DIGITS (SPACES) IS THE LIMITATION FOR OPERATING AND LEASE NAMES. ABBREVIATIONS SHOULD BE USED IF NECESSARY TO CONFORM TO THE LIMITATION.

Type or print only

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Form W-2
Rev. 4/1/83
40-048

API No. 42-133-35797

7. RRC District No.

7B

RRC Lease No.

21893

Well No.

2

Oil Well Potential Test, Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat)	2. LEASE NAME			
Cameron Two (Duffer Line)	M. A. Clyatt			
3. OPERATOR'S NAME (Exactly as shown on Form P-5 Organization Report)		RRC Operator No.		10. County of well site
Chase-Mann Petroleum, Incorp.		146688		Eastland
4. ADDRESS		11. Purpose of filing		
310 Ridglea Bank Building, Fort Worth, TX 76116		<input checked="" type="checkbox"/> Initial Potential <input type="checkbox"/> Re-test <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only (explain in Remarks)		
5. If operator has changed within last 60 days, name former operator				
6a. Location, Section, Block, and Survey: Sec. 31, Blk. 4 H&TC RR Co. Surv		6b. Distance and direction to nearest town in this county: 3 miles NW of Eastland		
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR		GAS ID or OIL LEASE # n/a	OIL O Gas - G	WELL NO.
13. Type of electric or other log run		14. Completion or recompletion date: 11-8-84		
Dual Induction, Comp. Density, Dip Log				

SECTION I: POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test 11-23-84	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping—Size & Type of pump) Flowing		18. Choke size 8/64
19. Production during Test Period	OIL BBLS 6	Gas - MCF 50	Water - BBLS 4	Gas - Oil Ratio 8,333/1 120
20. Calculated 24-hour Hour Rate	OIL BBLS 6	Gas - MCF 50	Water - BBLS 4	Oil Gravity-API-60° 41 Casing Pressure 0
21. Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	22. Oil produced prior to test (New & Reworked wells) -0-			23. Injection Gas-Oil Ratio

REMARKS:

RECORD
CLASSIFICATION

NOV 5 1985

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the lease assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a test, fill in only the front side.

► WELL TESTER'S CERTIFICATION
I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised the test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. Further certify that the potential test data shown above is true, correct, and complete to the best of my knowledge.

Mark Cameron
Signature, Well Tester

CHASE-MANN PETROLEUM
Name of Company

RRC Representative

7-18-84
EXCEPTION TO
SUSPENDED OR SUPERVISED TEST BY OBSERVATION OF (A) METER
OR (B) THE TOP AND BOTTOM GAUGES OF EACH TANK INTO WHICH PRODUCTION WAS RUN DURING THE TEST. FURTHER CERTIFY THAT THE POTENTIAL TEST DATA SHOWN ABOVE IS TRUE, CORRECT, AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

D.Y. Casing

► OPERATOR'S CERTIFICATION
I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Richard A. Cameron
Typed or printed name of operator's representative

President
Title of Person

(817) 732-0672 11 / 27 / 84

Telephone Area Code Number Date: mo. day year

Signature

3910/31/85

133 35797

98

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Re-test)							
24. Type of Completion:				25. Permit to Drill Plug Back or Deepen			
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other				6/1 DATE 7-6-84 PERMIT NO. 234927 Rule 37 CASE NO. 98332 Exception Water Injection Permit Salt Water Disposal Permit Other			
26. Notice of Intention to Drill this well was filed in Name of Chase-Mann Petroleum, Inc.							
27. Number of producing wells on this lease in this field (reservoir) including this well		28. Total number of acres in this lease					
2		240					
29. Date Plug Back, Deepening, WorkOver or Drilling Operations:		Commenced	Completed	30. Distance to nearest well. Same Lease & Reservoir			
		8-11-84	11-8-84	1480'			
31. Location of well relative to nearest lease boundaries of lease on which this well is located		330 feet from west Line and south Line of the		560 feet from M. A. Clivatt Lease			
32. Elevation (D.F. R.K.B. RT. GR. ETC.)		33. Was directional survey made other than Inclination (Form W-121)?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
1488							
34. Top of Pay	35. Total Depth	36. P. B. Depth	37. Surface Casing Determined by:	Field	Recommendation of T.D.W.R.	<input checked="" type="checkbox"/>	7-18-84 Dt. of Letter
3702'	3920'	3880'		Rules	Railroad Commission (Spec.)	<input type="checkbox"/>	Dt. of Letter
38. Is well multiple completion?	39. If multiple completion, list all reservoir names (completions in this well) unit On Lease or Gas ID No.			GAS ID or OIL-O WELL	OIL LEASE Gas-C	40. Intervals Drilled by:	Rotary Tools
NO	FIELD & RESERVOIR					X	Cable Tools
41. Name of Drilling Contractor	n/a						
Bandera Drilling							
43. CASING RECORD (Report All Strings Set in Well)							
CASING SIZE	WT#/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL cu. ft.
8 5/8	24	226		Class C			
				135 sks	12 1/4	Surface	432
4.5	9.5	3920		Class H			
				195 sks	7 7/8	2570'	308.10
44. LINER RECORD							
Size	TOP		Bottom	Sacks Cement	Screen		
N/A							
45. TUBING RECORD				46. Producing Interval (this completion) indicate depth of perforation or open hole			
Size	Depth Set	Packer Set	From	3702	To	3709	
2 3/8	3685	3689	From		To		
			From		To		
			From		To		
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
Depth interval				Amount and Kind of Material Used			
3702' - 3709'				2000 gals 15% HCL			
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)							
Formations	Depth	Formations	Depth				
Caddo	3092	Marble Falls	3390				
Lake Sand	3230	Duffer	3700				

REMARKS _____

0001146361

**RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION**

Form W-12
(5-2-73)

INCLINATION REPORT <small>(One Copy Must Be Filed With Each Completion Report.)</small>					
1. FIELD NAME (as per RRC Records or Wildcat)	2. LEASE NAME	6. RRC District			
Cameron Two (Duffer Lime)	M. A. Clyatt	7B			
3. OPERATOR	Chase-Mann Petroleum, Inc.	7. RRC Lease Number (Oil completions only)			
4. ADDRESS	310 Ridglea Bank Bldg., Ft. Worth, Texas 76116	8. Well Number			
5. LOCATION (Section, Block, and Survey)	Sec. 31, Blk. 4, H&TC RR C. Survey	9. RRC Lease Section Number (Gas completions only)			
				10. County	Eastland

RECORD OF INCLINATION

11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X 100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
231	231	3/4	1.31	3.03	3.03
747	516	1/2	.87	4.49	7.52
1245	499	1/2	.87	4.34	11.86
2246	1000	2	3.49	34.90	46.76
3122	876	1 1/4	2.18	19.10	65.86
3920	798	1 3/4	3.05	24.34	90.20

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? yes no
18. Accumulative total displacement of well bore at total depth of 3920 feet = 90.20 feet
- *19. Inclination measurements were made in - Tubing Casing Open hole Drill Pipe
20. Distance from surface location of well to the nearest lease line 330 feet
21. Minimum distance to lease line as prescribed by field rules 330 feet
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? NO
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data indicated by asterisks (*) by the item numbers on this form.</p> <p><i>Jerry McDonald</i></p> <p>Signature of Authorized Representative</p> <p>Jerry McDonald, Asst. Drilling Supt., received</p> <p>Name of Person and Title (Type or Print): Bandera Drilling Company, Inc.</p> <p>Name of Company: 915 676-5591 Nov 30, 1981</p> <p>Telephone: _____ Area Code: _____ Operator: _____ Extension: _____ Area Code: _____</p>	OPERATOR CERTIFICATION <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.</p> <p><i>Richard A. Cameron</i></p> <p>Signature of Authorized Representative</p> <p>Richard A. Cameron, President</p> <p>Name of Person and Title (Type or Print): Chase-Mann Petroleum, Inc.</p> <p>Operator: _____ Extension: _____ Area Code: _____ Area Code: _____</p>
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Railroad Commission Use Only:

Approved By: *Marilyn J. Boroch* Title: *Steno III* Date: *11-30-84*

* Designates items certified by company that conducted the inclination surveys.

EB 2/19/84

5-8-0 | 1-4 6-3-6-2

Cementer: FIG in shaded areas
Operator: FIG in other items

Form W-13
Cementing Report
Rev. 4/1/83
430-045

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P-5 Organization Report) CHASE-MANN PET., Inc.	2. RRC Operator No. 146688	3. RRC District No. 7B	4. County of Well Site EASTLAND
5. Field Name (Wildcat or exactly as shown on RRC records) Cameron Two (Deffer Lime)	6. API No. 42-13335797	7. Drilling Permit No. 234927	
8. Lease Name M. A. Clyatt	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. #2

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Size
12. Cementing Date 8-10-84						
13. •Drilled hole size •Est. % wash or hole enlargement	12 1/2					
14. Size of casing (in. O.D.)	8 5/8					
15. Top of liner (ft.)						
16. Setting depth (ft.)	226					
17. Number of centralizers used	2					
18. Hrs. waiting on cement before drill-out	8					
19. API cement used: No. of sacks 1st Slurry	135					
Class	C					
Additives	2% CaCl₂					
2nd Slurry						
No. of sacks						
Class						
Additives						
3rd Slurry						
No. of sacks						
Class						
Additives						
1st	20. Slurry pumped: Volume (cu. ft.) ► 178					
	Height (ft.) ► 432					
2nd	Volume (cu. ft.) ►					
	Height (ft.) ►					
3rd	Volume (cu. ft.) ►					
	Height (ft.) ►					
Total	Volume (cu. ft.) ► 178					
	Height (ft.) ► 432					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?	YES					
22. Remarks						

WCNA 1070

OVER

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #3	PLUG #2	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
22. Casing string data								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
23. Gauge of cement used (each plug)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug if tagged (ft.)								
30. Slurry wt. (lb./gal.)								
31. Type cement								

CLEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Tom LeBlanc/Serv. Super.
Name and title of cementer's representative

The Western Co.
Cementing Company

Tom LeBlanc
Signature

P.O. Box 998 Mineral Wells, Texas 76067
Address City, State, Zip Code 817/328-1221 Tel: Area Code Number 8-10-84
Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Richard A. Cameron
Typed or printed name of operator's representative

President
Title

Richard A. Cameron
Signature

310 Ridglea Bank Building Fort Worth, TX 76116 (817) 732-0672
Address City, State, Zip Code Tel: Area Code Number 8-17-84
Date: mo. day yr.

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules & (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

- A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:
- An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
 - Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
 - Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rule, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

0 0 0 1 1 4 - 6 3 5 3

Cementer: Fill in shaded areas
Operator: Fill in other items

Form W-15
Cementing Report
Rev. 4/1/83
42-045

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report) CHASE-MANN PETROLEUM, Inc.	2. RRC Operator No. 146688	3. RRC District No. 71	4. County of Well Site EASTLAND
5. Field Name (Wildcat or exactly as shown on RRC records) Cameron Two (Duffer Lime)	6. API No. 42-13335797	7. Drilling Permit No. 234927	
8. Lease Name CLYATT, M. A.	9. Rule 37 Case No.	10. On Lease/Gas ID No.	11. Well No. #2

CASING CEMENTING DATA:	SURFACE CASING	INTER- MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel String's	Tool	Shoe
12. Cementing Date 3-16-84						
13. •Drilled hole size 7 7/8						
•Est. % wash or hole enlargement						
14. Size of casing (In. O.D.) 4.5						
15. Top of liner (ft.)						
16. Setting depth (ft.) 3920						
17. Number of centralizers used 14						
18. Hrs. waiting on cement before drill-out			---			
19. API cement used: No. of sacks 1st Slurry			195			
Class			111			
Additives				Remarks		
No. of sacks 2nd Slurry						
Class						
Additives						
No. of sacks 3rd Slurry						
Class						
Additives						
20. Slurry pumped: Volume (cu. ft.) 1st			308.10			
Height (ft.)			1350ft.			
Volume (cu. ft.) 2nd				RECEIVED R.R.C. OF TEXAS		
Height (ft.)				NOV 30 1984		
Volume (cu. ft.) 3rd				4-6-84 R.R.C. OF TEXAS		
Height (ft.)						
Total			308.10			
Height (ft.)			1350 ft.			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?			NO			
22. Remarks	4% Bentonite + 5#/sk Salt + 3#/sk Gilsonite + 0.2% CP-2 + 0.2% TF-4					

OVER

CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
SA Cementing date								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Amount of cement used (cu. in. per plug)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lb./gal.)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Greg Garcia/ Serv. Super.
Name and title of cementer's representative

The Western Co.
Cementing Company

Signature

P.O. Box 998 Mineral Wells, Texas 76067 817/328-1221 8-16-84
Address City. State. Zip Code Tel. Area Code Number Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Richard A. Cameron
Typed or printed name of operator's representative

President
Title

Signature

310 Ridglea Bank Building, Fort Worth, TX 76116 (817) 732-0672 8-17-84
Address City. State. Zip Code Tel. Area Code Number Date: mo. day yr.

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
- Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. Where to file. The appropriate Commission District Office, for the county in which the well is located.

C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For offshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

- Return each W-1 with plot and \$100.00 fee.
Make a check or money order payable to the
State Treasurer of Texas. Address to:
The Railroad Commission of Texas
Oil and Gas Division, Drilling Permits
P. O. Drawer 12867, Capitol Station
Austin, Texas 78711.
File a copy of W-1 and plot in RRC District Office.

Mild plat 1-9-84 1-6-84 7B-21873
RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Application for Permit to Drill, Deepen, Plug Back, or Re-Enter

► Read Instructions on Back

Form W-1
Rev. 9/1/83
700-000

Purpose of filing (mark appropriate boxes):

- Drill Deepen (below casing) Deepen (within casing) Plug Back Re-Enter
 Directional Well Sidetrack

Amended Permit (enter permit no. at right & explain fully in Remarks)

API No. ► 42-133 35797
Permit No. ► 234927

Rule 37 Casing No.

8. Well No. 2 9. Total Depth 3920'

1. Operator's Name (exactly as shown on Form P-5, Organization Report)

Chase-Mann Petroleum, Inc.

3. RRC Operator No.

146688

4. RRC District No.

7B

5. County of Well Site

Eastland

2. Address (including city and zip code)

310 Ridglea Bank Building
Fort Worth, TX 76116

6. Lease Name (32 spaces maximum)

M. A. Clyatt

7. RRC Lease/Unit No.

20585

10. Location

• Section 31 Block 4 Survey H&TC RR CO.
• This well is to be located 3 miles in a NW direction from

Abstract No. A-212
Eastland, TX

which is the nearest town in the county of the well site.

990322

11. Distance from proposed location to nearest lease or unit line

330 ✓ ft.

12. Number of contiguous acres in lease, pooled unit, or unitized tract

240 (OUTLINE ON PLAT.)

Granted 12/17/84
13. FIELD NAME (Exactly as shown on RRC preflight schedule). List all established and wildcat zones of anticipated completion. Attach additional Form W-1's as needed to list these zones. One zone per line.

Cameron Two (Duffer Lime)

14. Completion depth	15. Spacing pattern (ft.)	16. Density pattern (feet)	17. Number of acres to drilling unit for this well. OUTLINE ON PLAT.	18. Is this acreage assigned to another well on this lease? If so, explain in Remarks	19. Distance from proposed location to nearest completed or permitted well, this lease or reservoir. (ft.)	20. Oil, gas, or other type well (Specify)	21. No. of applied for, permitted, or completed locations (including this one) on lease in this reservoir.
3960	330	933	20	20 ✓	No 1480	Oil, Gas 2	

14. Perpendicular surface location from two nearest designated lines:

• Lease/Unit 330' FWL and 560' FSL
• Survey/Section 1629' FWL and 2140' FNL

15. Is this a pooled unit?

Yes ► (Attach Form P-12 and certified plat.) No

If a directional well, show also projected bottom-hole location:

Lease/Unit

Survey/Section

16. Is Item 15 less than Item 16 (substandard acreage for any field applied for)?

Yes ► (Attach Form W-1A) No

If subject to Rule 36, is Form H-9 filed? Yes No ► If not filed, explain in Remarks.

17. Is this wellbore subject to Statewide Rule 36 (hydrogen sulfide area)? Yes No

18. Do you have the right to develop the minerals under any right-of-way that crosses, or is contiguous to, this tract? Yes No
If not, and if the well requires a Rule 37 or 38 exception, see instructions for Rule 37.

Remarks

This field was inadvertently left off of the original W-1

I certify that information stated in this application is true and complete, to the best of my knowledge.

Richard A. Cameron Richard A. Cameron

Signature

Name and title of operator's representative

11-27-84

(817) 732-0672

Date mo. day yr. Tel. Arc Code Number

209231 DEC 13 84 ✓

RRC Use Only

266714

MAPPING

Instructions to Form W-1

A. **IMPORTANT:** Do not begin drilling operations on any location until you receive a drilling permit from the Commission, and the waiting-clause period, if specified in the permit, has ended.

B. **Organization Report.** Before this application can be processed, a Form P-5, Organization Report, showing the exact operator name used on Form W-1, must be on file with the Commission in Austin.

C. **Fee.** With each W-1 application or materially amended W-1 application, the applicant must submit to the Commission in Austin a fee of \$100.00. A check or money order must be made payable to the State Treasurer of Texas. This fee is nonrefundable. An application will be considered materially amended if the amendment requires the issuance of a new permit. A materially amended application includes an application in which an additional field or a change in location or field is sought for a previously permitted well. However, if a new application and/or permit becomes necessary because of Commission action, the \$100.00 fee may be waived.

D. **Surface casing.** Before the Commission will assign an allowable to a well, the operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources. Before drilling a well where Commission rules do not specify surface casing requirements, the operator must obtain a letter from the Department stating the protection depth. Write: TDWR Surface Casing, P. O. Box 12087, Capitol Station, Austin, Texas 78711.

E. **What to file.** File Form W-1, a plat, and the \$100.00 fee in the Commission's Austin office (the address appears on the front of this form). Send a copy of the W-1 and plat to the RRC District Office that serves the county of the proposed well site.

F. **Plat.** Each W-1 must be accompanied by a neat, accurate plat of the lease or unit which clearly shows the following:

For a REGULAR location (where the proposed site conforms to Commission rules)

- Drilling unit boundary for the proposed location and proration unit boundaries for each producing well on this lease or unit which is completed in the same field. Show the acreage contained in each unit. For Commission purposes, lease or unit acreage must be contiguous unless an exception to Statewide Rule 39 is granted. If a Rule 39 exception has previously been granted for the lease or unit, attach a copy of the RRC approval.
- Surface location of the proposed site. If the well is to be directionally drilled, show also the projected bottom-hole location.
- Perpendicular distance to nearest intersecting: (a) lease/unit lines and (b) survey/section lines. To avoid confusion, distinguish between the two sets of lines.
- Distance to nearest applied for, permitted, or completed well on this lease or unit in the same field.
- Section, block, or lot.
- Northerly direction.
- Scale. Where the size of the lease or unit will allow, use a scale of 1" = 1,000'. If it is not practical to show the entire lease or unit on the plat, attach a second plat, drawn to a scale no smaller than 1" = 2,000', to show the entire lease or unit in relation to the patent survey. Enter on Form W-1 (Item 12) the acreage for the entire lease or unit.
- On a pooled unit, outline the entire lease or unit as well as the individual tracts listed on Form P-12, Certificate of Pooling Authority.

For a RULE 37 or RULE 38 Exception (where spacing or acreage is less than prescribed by rule)

- A certified plat of the entire lease or unit which includes the information described above; and
- A list of the names and addresses of all offsetting operators or unleased mineral interest owners of each tract which is contiguous to the drill site tract. If you do not have the right to develop the minerals under any right-of-way that crosses, or is contiguous to, this tract, and if the well requires a Rule 37 or 38 exception, list also the name and address of the person who has this right. The list should refer to the plat clearly so as to enable the Commission to readily identify each tract and its operator or mineral owner.

NOTE: If you penetrate a Rule 37 or 38 zone in which you do not propose to complete at this time, you will not necessarily be allowed to use the existence of this wellbore as justification for an exception to complete this wellbore in such zone in the future.

G. Specific Items.

Item 13. **Field name.** Use only field designations, including reservoir, approved by the Commission (not proposed field names). Enter "Wildcat" if the reservoir has no RRC field designation and give the total projected depth under "Completion Depth." If the well is to be drilled in a multi-pay area, list all established and wildcat zones for which a completion is proposed. If necessary, attach additional Form W-1's to list these zones.

Item 15. **Spacing pattern.** If the proposed location of the well is in a field with special field rules, enter the appropriate spacing pattern. If there are no field rules in effect, Statewide Rule 37 spacing applies. Rule 37 requires wells to be spaced at least 467 feet from lease lines and 1,200 feet from other wells completed in the same reservoir and on the same lease, with one well to each 40 acres. However, if the proposed location is in RRC Districts 7B, 9, or in McCulloch County (District 7C), and in a field with no special field rules adopted, a district (or county regular) rule will apply, with special spacing and depth controls for wells drilled to 5,000 feet or above.

Item 16. **Density pattern.** If the proposed location is in a field with special field rules, enter the appropriate density pattern. If there are no field rules in effect, Statewide Rules 37 and 38 apply, allowing one well to each 40 acres. However, if the proposed location is in RRC Districts 7B, 9, or in McCulloch County (District 7C), and in a field with no special field rules adopted, the special spacing and depth controls in Rule 38(b) govern density.

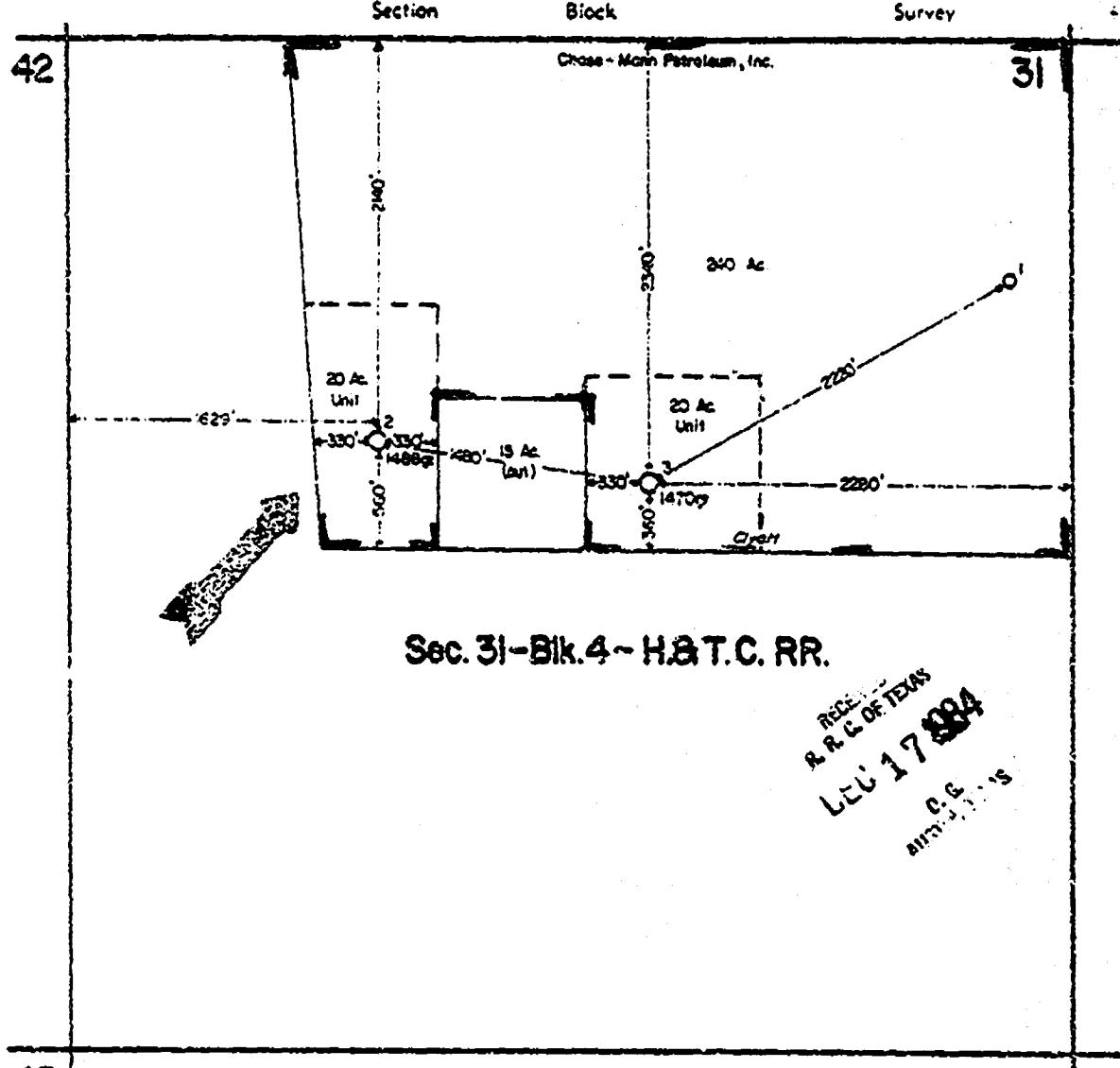
0 0 0 1 1 4 6 3 6 5

PLAT SHOWING
PROPOSED NEW WELL LOCATION

Eastland County, Texas

Description: 330 FWL - 560 FSL of Lease

2140 FWL - 1629 FSL of Sec. 31 - Blk. 4 - H&TC RR



Abilene Well Elevation Service, Inc.
5757 Holiday
Abilene, Texas 79605

Scale: 1"=1000'

Date Staked 6/27/84

Operator: Chase - Mann Petroleum, Inc.

Lease Name: Clyatt

Well No. 2

Elevation 1499 GR

Distance and Direction from Hwy Jct. or Town 2 Miles NW of Eastland, Texas

1

- Return each W-1 with plan and \$10.00 fee.
Make a check or money order payable to the
State Treasurer of Texas. Address to:
Railroad Commission of Texas
Oil and Gas Division, Drilling Permits
P.O. Drawer 12971, Capitol Station
Austin, Texas 78711
- File a copy of W-1 and plan in RRC District Office.

7B-21893

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Application for Permit to Drill, Deepen, Plug Back, or Re-Enter

► Read Instructions on Back

Form W-1
MAY 1973
400-000

Purpose of filing (mark appropriate boxes):		<input type="checkbox"/> Drill	<input type="checkbox"/> Deepen (below casing)	<input type="checkbox"/> Deepen (within casing)	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Re-Enter	Enter here, if assigned:	API No. 42-133 35797		
		<input type="checkbox"/> Directional Well	<input type="checkbox"/> Sidetrack	<input checked="" type="checkbox"/> Amended Permit (enter permit no. at right ► explain fully in Remarks)				Permit No. 234927		
1 Operator's Name (exactly as shown on Form P-3, Organization Report) Chase-Mann Petroleum, Inc.		3. RRC Operator No. 146688		4. RRC District No. 7B		6. County of Well Site Eastland		Rule 37 Case No. ►		
2. Address (including city and zip code) 310 Ridglea Bank Building Fort Worth, TX 76116		8. Lease Name (32 spaces maximum) M. A. Clyatt		7. RRC Lease/ID No. 20565		9. Well No. 2		10. Total Depth 4000		
11. Distance from proposed location to nearest lease or unit line 330		12. Number of contiguous acres in lease, pooled unit, or unitized tract 240 (OUTLINE ON PLAT.)								
13. FIELD NAME (Explain as shown on RRC permittee schedule). List all established and wildcat names of wells drilled, completing, or being completed. Attach additional Form W-1's as needed to list these wells. One page per file.		14. Completion depth 15043' 840	15. Spacing pattern (ft.) 330	16. Density pattern (ft.) 933	17. Number of acres in drilling unit for this well. OUTLINE ON PLAT. 20	18. Is this acreage contiguous to an other tract on this lease? In this reservoir? If no, explain in Remarks.	19. Distance from proposed loca- tion to nearest applied for permitted, or completed well on lease or reservoir (ft.) 1480	20. Oil, gas, or other type well (Specify) OIL	21. No. of applied for, per- mitted, or completed locations (including this one) on lease or unit reservoir 3	
22. Perpendicular surface location from two nearest designated lines: • Lease/Unit 330' FWL and 560' FSL • Survey/Section 1629' FWL and 2140' FNL		23. Is this a pooled unit? Yes <input type="checkbox"/> ► (Attach Form P-12 and certified plat.) No <input checked="" type="checkbox"/>		24. Is item 17 less than item 16 (substandard acreage for any field applied for)? Yes <input type="checkbox"/> ► (Attach Form W-1A) No <input checked="" type="checkbox"/>						
25. Is this wellbore subject to Statewide Rule 36 (hydrogen sulfide area)? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				If subject to Rule 36, is Form H-9 filed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ► If not filed, explain in Remarks.						
26. Do you have the right to develop the minerals under any right-of-way that crosses, or is contiguous to, this tract? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If not, and if the well requires a Rule 37 or 38 exception, see instructions for Rule 37.				I certify that information stated in this application is true and complete, to the best of my knowledge. Richard A. Cameron Richard A. Cameron, Pres.						
Remarks The location of the well has been moved slightly north and west.				Signature July 3, 1984		Name and title of operator's representative (817) 732-0672				
				Date: mo. day yr. Tel: Area Code Number 226765 JUL 5 84						
				RRC Use Only						
				MAPPING						
				7B 234927						

Instructions to: Form W-1

A. **IMPORTANT:** Do not begin drilling operations on any location until you receive a drilling permit from the Commission, and the waiting-clause period, if specified in the permit, has ended.

B. **Organization Report:** Before this application can be processed, a Form P-5, Organization Report, showing the exact operator name used on Form W-1, must be on file with the Commission in Austin.

C. **Fee:** With each W-1 application or materially amended W-1 application, the applicant must submit to the Commission in Austin a fee of \$100.00. A check or money order must be made payable to the State Treasurer of Texas. This fee is nonrefundable. An application will be considered materially amended if the amendment requires the issuance of a new permit. A materially amended application includes an application in which an additional field or a change in location or field is sought for a previously permitted well. However, if a new application and/or permit becomes necessary because of Commission action, the \$100.00 fee may be waived.

D. **Surface casing:** Before the Commission will assign an allowable to a well, the operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources. Before drilling a well where Commission rules do not specify surface casing requirements, the operator must obtain a letter from the Department stating the protection depth. Write: TDWR, Surface Casing, P. O. Box 13087, Capitol Station, Austin, Texas 78711.

E. **What to file:** File Form W-1, a plat, and the \$100.00 fee in the Commission's Austin office (the address appears on the front of this form). Send a copy of the W-1 and plat to the RRC District Office that serves the county of the proposed well site.

F. **Plat:** Each W-1 must be accompanied by a neat, accurate plat of the lease or unit which clearly shows the following:

For a REGULAR location (where the proposed site conforms to Commission rules)

- Drilling unit boundary for the proposed location and proration unit boundaries for each producing well on this lease or unit which is completed in the same field. Show the acreage contained in each unit. For Commission purposes, lease or unit acreage must be contiguous unless an exception to Statewide Rule 39 is granted. If a Rule 39 exception has previously been granted for the lease or unit, attach a copy of the RRC approval.
- Surface location of the proposed site. If the well is to be directionally drilled, show also the projected bottom-hole location.
- Perpendicular distance to nearest intersecting: (a) lease/unit lines and (b) survey/section lines. To avoid confusion, distinguish between the two sets of lines.
- Distance to nearest applied for, permitted, or completed well on this lease or unit in the same field.
- Section, block, or lot.
- Northerly direction.
- Scale. Where the size of the lease or unit will allow, use a scale of 1" = 1,000'. If it is not practical to show the entire lease or unit on the plat, attach a second plat, drawn to a scale no smaller than 1" = 2,000', to show the entire lease or unit in relation to the patent survey. Enter on Form W-1 (Item 12) the acreage for the entire lease or unit.
- On a pooled unit, outline the entire lease or unit as well as the individual tracts listed on Form P-12, Certificate of Pooling Authority.

For a RULE 37 or RULE 38 Exception (where spacing or acreage is less than prescribed by rule)

- A certified plat of the entire lease or unit which includes the information described above; and
- A list of the names and addresses of all offsetting operators or unleased mineral interest owners of each tract which is contiguous to the drill site tract, if you do not have the right to develop the minerals under any right-of-way that crosses, or is contiguous to, this tract, and if the well requires a Rule 37 or 38 exception, list also the name and address of the person who has this right. The list should refer to the plat clearly so as to enable the Commission to readily identify each tract and its operator or mineral owner.

NOTE: If you penetrate a Rule 37 or 38 zone in which you do not propose to complete at this time, you will not necessarily be allowed to use the existence of this wellbore as justification for an exception to complete this wellbore in such zone in the future.

G. Specific Items.

Item 13. **Field name:** Use only field designations, including reservoir, approved by the Commission (not proposed field names). Enter "Wildcat" if the reservoir has no RRC field designation and give the total projected depth under "Completion Depth." If the well is to be drilled in a multi-pay area, list all established and wildcat zones for which a completion is proposed. If necessary, attach additional Form W-1's to list these zones.

Item 15. **Spacing pattern:** If the proposed location of the well is in a field with special field rules, enter the appropriate spacing pattern. If there are no field rules in effect, Statewide Rule 37 spacing applies. Rule 37 requires wells to be spaced at least 467 feet from lease lines and 1,200 feet from other wells completed in the same reservoir and on the same lease, with one well to each 40 acres. However, if the proposed location is in RRC Districts 7B, 9, or in McCulloch County (District 7C), and in a field with no special field rules adopted, a district (or county regular) rule will apply, with special spacing and depth controls for wells drilled to 5,000 feet or above.

Item 16. **Density pattern:** If the proposed location is in a field with special field rules, enter the appropriate density pattern. If there are no field rules in effect, Statewide Rules 37 and 38 apply, allowing one well to each 40 acres. However, if the proposed location is in RRC Districts 7B, 9, or in McCulloch County (District 7C), and in a field with no special field rules adopted, the special spacing and depth controls in Rule 38(b) govern density.

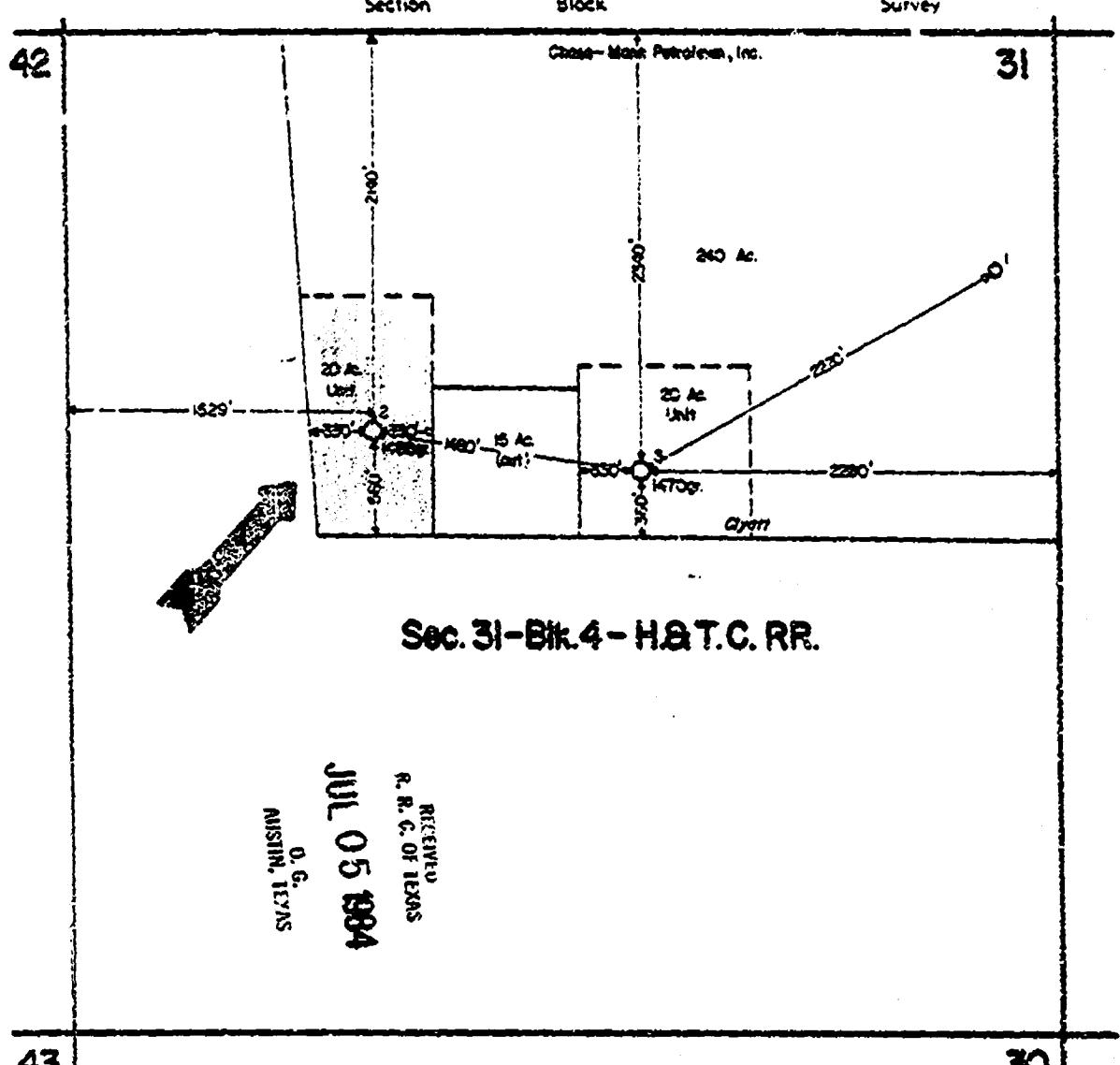
0 0 0 1 1 4 6 3 6 7

PLAT SHOWING
PROPOSED NEW WELL LOCATION

Eastland County, Texas

Description: 330 FNL - 560 FSL of Lease

2140 FNL - 1629 FSL of Sec. 31 - Blk. 4 - H&TC RR



Abilene Well Elevation Service, Inc.
 5757 Holiday
 Abilene, Texas 79605

Scale: 1"=1000'

Date Staked: 6/27/84

Operator: Chase - Mann Petroleum, Inc.

Lease Name: Clyatt Well No. 2

Elevation: 1488 GR

Distance and Direction
from Hwy Jct. or Town: 2 Miles NW of Eastland, Texas

I declare under penalties prescribed by Article 2022a, R.C.S., that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

W. W. Clyatt 6/27/84

6/27/84

111-1481

- Return each W-1 with plat and \$100.00 fee.
Make a check or money order payable to the
State Treasurer of Texas. Address to:
Railroad Commission of Texas,
Oil and Gas Division, Drilling Permits
P.O. Drawer 12967, Capitol Station
Austin, Texas 78711
► File a copy of W-1 and plat in RRC District Office.

78-21893

Form W-1
Rev. 9/1/83
489-000

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Application for Permit to Drill, Deepen, Plug Back, or Re-Enter

► Read Instructions on Back

Purpose of drilling (mark appropriate boxes):

 Drill Deepen (below casing) Deepen (within casing) Plug Back Re-Enter

Enter here,
if assigned:
► API No.
42-133-35797
Permit No.
d34927
Rule 37 Case No.
►

 Directional Well Sidetrack Amended Permit (enter permit no. at right & explain fully in Remarks)

1. Operator's Name (exactly as shown on Form P-5, Organization Report)

Chase-Mann Petroleum, Inc.

3. RRC Operator No.

146688

4. RRC District No.

7B

6. County of Well Site

Eastland

2. Address (including city and zip code)

3509 Hulen, Suite 109
Fort Worth, TX 76107

10. Location

• Section 31 Block 4 Survey H & TC RR Co Abstract No. A-212

• This well is to be located 3 miles from a NW direction from Eastland

which is the nearest town in the vicinity of the well site.

11. Distance from proposed location to nearest lease or unit line

330 ft.

12. Number of contiguous acres in lease, pooled unit, or unitized tract

240

(OUTLINE ON PLAT.)

13. RRCD Name (exactly as shown on ERC provision schedule).
List all established and wildcat zones of anticipated completion. Attach additional Form W-1's as needed to list these zones. One zone per line.

P. Cameron (Marble Falls)

15. Completion depth

330

16. Spacing pattern (ft.)

933

17. Density pattern (acres)

20

18. Is this acreage assigned to another well on this lease or to this reservoir? If no, explain in Remarks.

OUTLINE ON PLAT.

19. Distance from proposed location to nearest applied for, permitted, or completed well (if no, explain in Remarks).

this lease # reservoir, (ft.)

20. No. of applied for, permitted, or completed locations (including this one) on lease in this reservoir.

Oil, gas or other type well (Specify)

OIL GAS

14. Lease Unit 15643200

Completion depth

3400

Spacing pattern (ft.)

933

Density pattern (acres)

20

16. Is this acreage assigned to another well on this lease or to this reservoir? If no, explain in Remarks.

OUTLINE ON PLAT.

17. Distance from proposed location to nearest applied for, permitted, or completed well (if no, explain in Remarks).

this lease # reservoir, (ft.)

21. No. of applied for, permitted, or completed locations (including this one) on lease in this reservoir.

Oil, gas or other type well (Specify)

OIL GAS

15. Lease Unit 1680 FWL 2370 FNL

Completion depth

4000

Spacing pattern (ft.)

933

Density pattern (acres)

20

16. Is this acreage assigned to another well on this lease or to this reservoir? If no, explain in Remarks.

OUTLINE ON PLAT.

17. Distance from proposed location to nearest applied for, permitted, or completed well (if no, explain in Remarks).

this lease # reservoir, (ft.)

21. No. of applied for, permitted, or completed locations (including this one) on lease in this reservoir.

Oil, gas or other type well (Specify)

OIL GAS

16. Lease Unit 00041001

Completion depth

59097500

Spacing pattern (ft.)

933

Density pattern (acres)

20

16. Is this acreage assigned to another well on this lease or to this reservoir? If no, explain in Remarks.

OUTLINE ON PLAT.

17. Distance from proposed location to nearest applied for, permitted, or completed well (if no, explain in Remarks).

this lease # reservoir, (ft.)

21. No. of applied for, permitted, or completed locations (including this one) on lease in this reservoir.

Oil, gas or other type well (Specify)

OIL GAS

17. Lease Unit McCormick (Ellenburger)

Completion depth

3900

Spacing pattern (ft.)

933

Density pattern (acres)

20

16. Is this acreage assigned to another well on this lease or to this reservoir? If no, explain in Remarks.

OUTLINE ON PLAT.

17. Distance from proposed location to nearest applied for, permitted, or completed well (if no, explain in Remarks).

this lease # reservoir, (ft.)

21. No. of applied for, permitted, or completed locations (including this one) on lease in this reservoir.

Oil, gas or other type well (Specify)

OIL GAS

18. Perpendicular surface location from two nearest designated lines:

If a directional well, show also projected bottom-hole location:

• Lease/Unit 330' FWL 330' FSL

• Lease/Unit

• Survey/Section 1680' FWL 2370' FNL

• Survey/Section

19. Is this a pooled unit?

Yes ► (Attach Form P-12 and certified plat.)No

24. Is Item 17 less than Item 10 (substandard acreage for any field applied for)?

Yes ► (Attach Form W-1A) No 25. Is this wellbore subject to Statewide Rule 36 (hydrogen sulfide area)? Yes No If subject to Rule 36, is Form H-9 filed? Yes No ► If not filed, explain in Remarks.26. Do you have the right to develop the minerals under any right-of-way that crosses, or is contiguous to, this tract? Yes No

If not, and if the well requires a Rule 37 or 38 exception, see instructions for Rule 37.

I certify that information stated in this application is true and complete, to the best of my knowledge.

Signature Richard A. Cameron President

Name and title of operator or representative

3-19-84 (817) 732-0672

Date: mo. day yr. t/c: Area Code Number

► RRC Use Only

218198 APR 6 '84 75239554

MAPPING TA

Instructions to Form W-1

A. IMPORTANT: Do not begin drilling operations on any location until you receive a drilling permit from the Commission, and the waiting-clause period, if specified in the permit, has ended.

B. Organization Report. Before this application can be processed, a Form P-5, Organization Report, showing the exact operator name used on Form W-1, must be on file with the Commission in Austin.

C. Fee. With each W-1 application or materially amended W-1 application, the applicant must submit to the Commission in Austin a fee of \$100.00. A check or money order must be made payable to the State Treasurer of Texas. This fee is nonrefundable. An application will be considered materially amended if the amendment requires the issuance of a new permit. A materially amended application includes an application in which an additional field or a change in location or field is sought for a previously permitted well. However, if a new application and/or permit becomes necessary because of Commission action, the \$100.00 fee may be waived.

D. Surface casing. Before the Commission will assign an allowable to a well, the operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources. Before drilling a well where Commission rules do not specify surface casing requirements, the operator must obtain a letter from the Department stating the protection depth. Write: TDWR Surface Casing, P. O. Box 13057, Capitol Station, Austin, Texas 78711.

E. What to file. File Form W-1, a plat, and the \$100.00 fee in the Commission's Austin office (the address appears on the front of this form). Send a copy of the W-1 and plat to the RRC District Office that serves the county of the proposed well site.

F. Plat. Each W-1 must be accompanied by a neat, accurate plat of the lease or unit which clearly shows the following:

For a REGULAR location (where the proposed site conforms to Commission rules)

- Drilling unit boundary for the proposed location and proration unit boundaries for each producing well on this lease or unit which is completed in the same field. Show the acreage contained in each unit. For Commission purposes, lease or unit acreage must be contiguous unless an exception to Statewide Rule 39 is granted. If a Rule 39 exception has previously been granted for the lease or unit, attach a copy of the RRC approval.
- Surface location of the proposed site. If the well is to be directionally drilled, show also the projected bottom-hole location.
- Perpendicular distance to nearest intersecting: (a) lease/unit lines and (b) survey/section lines. To avoid confusion, distinguish between the two sets of lines.
- Distance to nearest applied for, permitted, or completed well on this lease or unit in the same field.
- Section, block, or lot.
- North/south direction.
- Scale. Where the size of the lease or unit will allow, use a scale of 1" = 1,000'. If it is not practical to show the entire lease or unit on the plat, attach a second plat drawn to a scale no smaller than 1" = 2,000', to show the entire lease or unit in relation to the patent survey. Enter on Form W-1 (Item 12) the acreage for the entire lease or unit.
- On a pooled unit, outline the entire lease or unit as well as the individual tracts listed on Form P-12, Certificate of Pooling Authority.

For a RULE 37 or RULE 38 Exception (where spacing or acreage is less than prescribed by rule)

- A certified plat of the entire lease or unit which includes the information described above; and
- A list of the names and addresses of all offsetting operators or unleased mineral interest owners of each tract which is contiguous to the drill site tract. If you do not have the right to develop the minerals under any right-of-way that crosses, or is contiguous to, this tract, and if the well requires a Rule 37 or 38 exception, list also the name and address of the person who has this right. The list should refer to the plat clearly so as to enable the Commission to readily identify each tract and its operator or mineral owner.

NOTE: If you penetrate a Rule 37 or 38 zone in which you do not propose to complete at this time, you will not necessarily be allowed to use the existence of this wellbore as justification for an exception to complete this wellbore in such zone in the future.

G. Specific Items.

Item 13. Field name. Use only field designations, including reservoir, approved by the Commission (not proposed field names). Enter "Wildcat" if the reservoir has no RRC field designation and give the total projected depth under "Completion Depth." If the well is to be drilled in a multi-pay area, list all established and wildcat zones for which a completion is proposed. If necessary, attach additional Form W-1's to list these zones.

Item 15. Spacing pattern. If the proposed location of the well is in a field with special field rules, enter the appropriate spacing pattern. If there are no field rules in effect, Statewide Rule 37 spacing applies. Rule 37 requires wells to be spaced at least 467 feet from lease lines and 1,200 feet from other wells completed in the same reservoir and on the same lease, with one well to each 40 acres. However, if the proposed location is in RRC Districts 7B, 9, or in McCulloch County (District 7C), and in a field with no special field rules adopted, a district (or county regular) rule will apply, with special spacing and depth controls for wells drilled to 5,000 feet or above.

Item 16. Density pattern. If the proposed location is in a field with special field rules, enter the appropriate density pattern. If there are no field rules in effect, Statewide Rules 37 and 38 apply, allowing one well to each 40 acres. However, if the proposed location is in RRC Districts 7B, 9, or in McCulloch County (District 7C), and in a field with no special field rules adopted, the special spacing and depth controls in Rule 38(b) govern density.

NO. C 114 6369

PLAT SHOWING
PROPOSED NEW WELL LOCATION

Eastland

County, Texas

Description: 330 FWL - 330 FSL of Lease

1680 FWL - 2370 FNL of Sec. 31 - Blk. 4 - H&TC RR

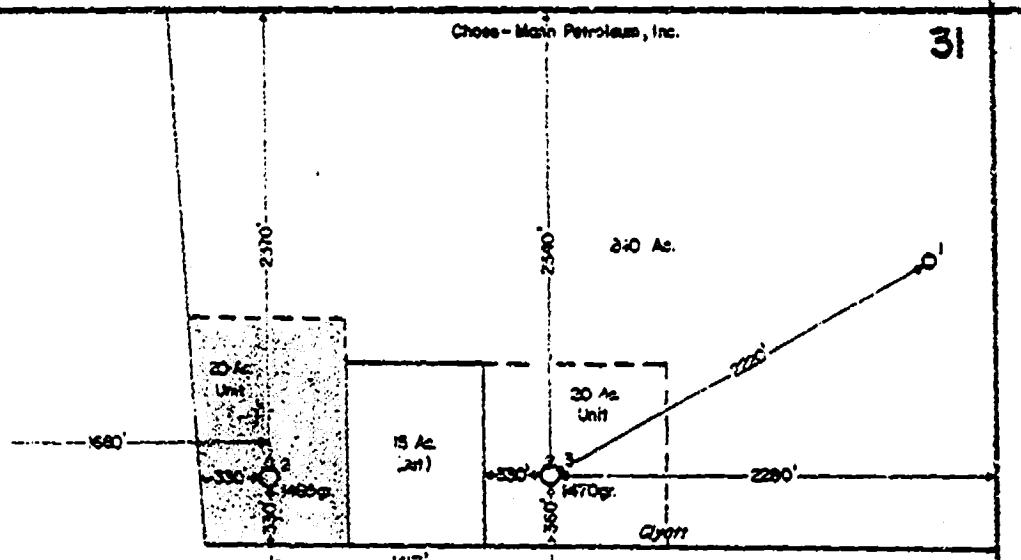
Section

Block

Survey

42

31



Sec. 31-Blk 4-H&T.C. RR.

43

30

Abilene Well Elevation Service, Inc.

5757 Holiday

Abilene, Texas 79605

Scale: 1"=1000'

Date Staked

RECEIVED
R.R.C. OF TEXAS
12/6/83
ATT. 00 1004

Operator: Chase - Mann Petroleum, Inc.

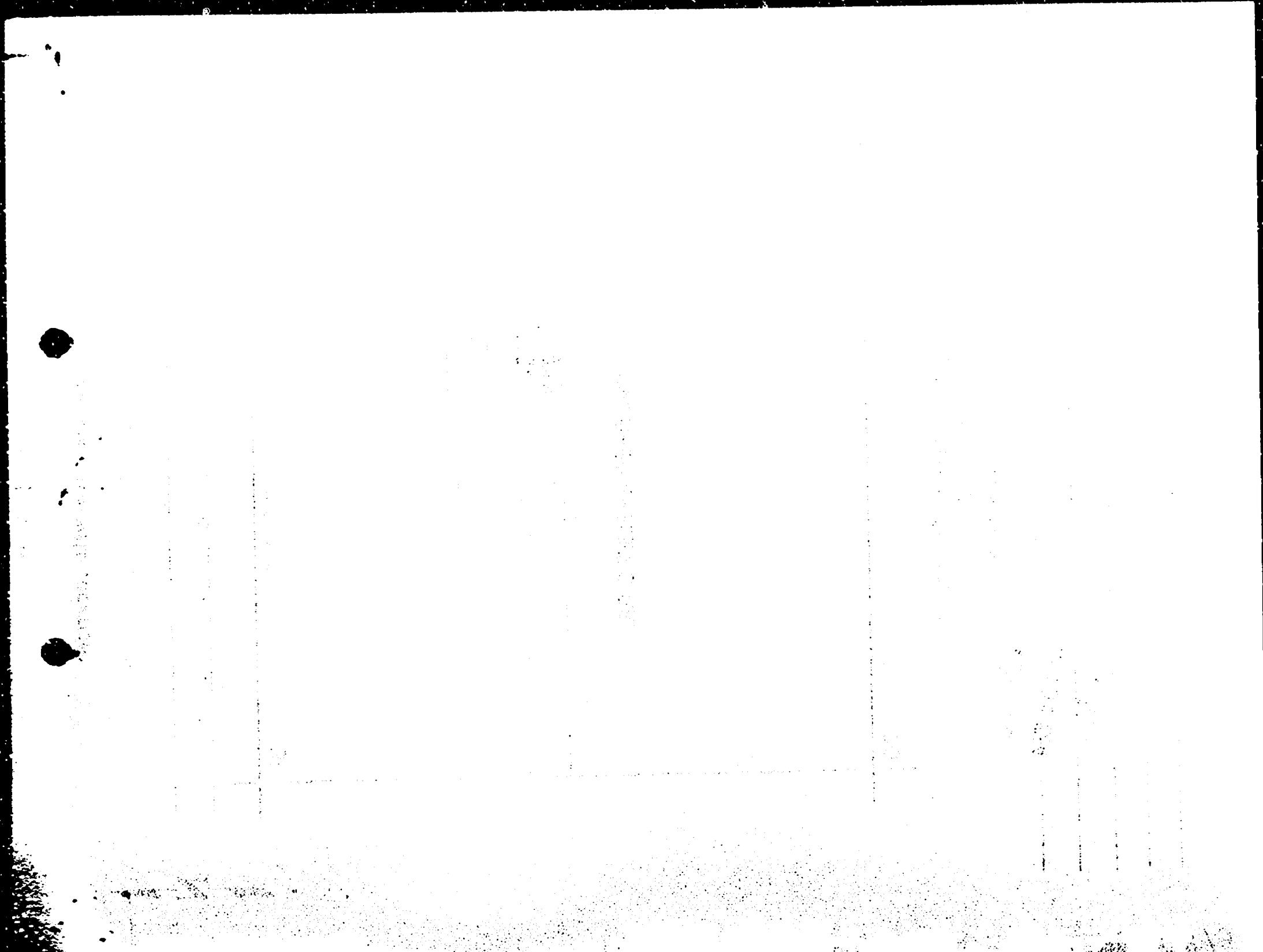
Lease Name: M. A. Civat

Well No. 2

Elevation: 1485 GR

Distance and Direction
from Hwy Jct. or Town: 2 Miles NW of Eastland, Texas

6/8/83



Type or print only

RROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-2
Rev. 4-1-63
43-046

API No. 42- 133 35795

7. RRC District No.

7B

8. Project No.

21893

Well No.

3

Oil Well Potential Test, Completion or Recompletion Report, and Log

1. Filing number assigned by RRC Records of whatever	2. LEASE NAME	7. RRC District No.		
Cameron Two (Duffer Lime)	M. A. Clyatt	7B		
3. OPERATOR'S NAME (Exactly as appears on Annual Organization Report)	RRC Operator No.	8. Project No.		
Chase-Mann Petroleum, Incorp.	146688	21893		
4. ADDRESS	10. County of well site			
310 Ridglea Bank Building, Fort Worth, TX 76116	Eastland			11. Purpose of filing
5. If Operator has changed within last 60 days, name former operator				Initial Potential <input checked="" type="checkbox"/>
6a. Location (Section, Block, and Survey) A-212	6b. Distance and direction to nearest town in this county.	Re-test <input type="checkbox"/>		
Sec. 31, Blk. 4, H&TC RR Co. Surv.	3 miles NW of Eastland	Re-class <input type="checkbox"/>		
12. If workover, reclass, give former field (with reservoir), gas ID or oil lease no.	GAS ID or OIL LEASE #	OIL - O	WELL NO.	Well record only (explain in Remarks) <input type="checkbox"/>
FIELD # RESERVOIR	---	---	---	
13. Type of electric or other log run	14. Completion or recompletion date			11-15-84
Dual Induction, Comp. Density				JAN 18 1985

SECTION I: POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test: 11-23-84	16. No of hours tested: 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping— Size & Type of pump) Flowing	18. Choke size: 8/64		
19. Production during Test Period	Oil - BBLS 5	Gas - MCF 50	Water - BBLS 3	Gas - Oil Ratio 10,000/1	Flowing Tubing Pressure 140 PSI
20. Calculated 24- Hour Rate	Oil - BBLS 5	Gas - MCF 50	Water - BBLS 3	Oil Gravity - API - 60° 41°	Casing Pressure 0 PSI
21. Was swab used during this test?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	22. Oil produced prior to test (New & Reworked wells)	-0-	23. Injection Gas - Oil Ratio	

REMARKS:

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the assignment assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (State Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

31/12/84 234925 13(A) Exception 175 4-10-84
WELL TESTER'S CERTIFICATION
I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted my supervised the test by observation of the meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. Further certify that the potential test data shown above is true, correct, and complete to the best of my knowledge.

Mark Cameron CHASE-MANN PETROLEUM
Signature: Well Tester

Name of Company: RRC Representative

Return to
Central

RECEIVED
R.R.C.
OF TEXAS
Nov 30 1984
TEXAS

OPERATOR'S CERTIFICATION
I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report that this report was prepared by me or under my supervision and direction, and that the data and facts stated therein are true, correct, and complete to the best of my knowledge.

Richard A. Cameron
Type or printed name of operator's representative

President
Title of Person

(817) 732-0672

11 / 27 / 84

Telephone Area Code Number

Date mo. day year

Signature

6/21/85 133-35795

MAPPING

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Secondary Applications)							
24. Type of Completion:				25. Permit to Drill			
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other				DATE 4-9-84 PERMIT NO. 234925 <input type="checkbox"/> Plug Back or Deepen Rule 37 CASE NO. Exception Water Injection PERMIT NO. Permit Salt Water Disposal PERMIT NO. Permit Other PERMIT NO.			
26. Notice of Intention to Drill this well was filed in Name of Chase-Mann Petroleum, Inc.							
27. Number of producing wells on this lease in this field (reservoir) including this well		28. Total number of acres in this lease					
2		240					
29. Date Plug Back, Deepening, Workover or Drilling Operations:		Commenced	Completed	30. Distance to nearest well, Same Lease & Reservoir			
		8-16-84	11-15-84	1480			
31. Location of well, relative to nearest lease boundaries of lease on which this well is located		360 Feet From		SOUTH	Line and	2280	Feet from
		east		Line of the	M. A. Clyatt		Lease
32. Elevation (D.F. R.K.B. RT. GR. ETC.)		33. Was directional survey made other than Inclination (Form W-12)?					
1470		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
34. Top of Pay	35. Total Depth	36. P. B. Depth	37. Surface Casing Determined by:	Field Rules	Recommendation of T.D.W.R.	<input checked="" type="checkbox"/>	Dt. of Letter 4-10-84
3700	3929'	3880			Railroad Commission (Special)	<input type="checkbox"/>	Dt. of Letter
38. Is well multiple completion?		39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No.		GAS ID or OIL ID		WELL	40. Intervals Rotary Casing Drilled Tools
No		FIELD & RESERVOIR		OIL LEASE	Gas-C		by Tools
41. Name of Drilling Contractor						42. Is Cementing Affidavit Attached?	
Bandera Drilling						<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
43. CASING RECORD (Report All Strings Set in Well)							
CASING SIZE	WT./FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL cu ft
8 5/8	24	228		150 sks			
4.5	9.5	3907		Class C	12 1/4	Surface	198
				190 sks			
				Class H	7 7/8	2980	305
44. LINER RECORD							
Size	TOP	Bottom	Sacks Cement		Screen		
N/A							
45. TUBING RECORD			46. Producing Interval (this completion) indicate depth of perforation or open hole				
Size	Depth Set	Packer Set	From	3700	To	3712	
2 3/8	3682	3689	From		To		
			From		To		
			From		To		
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE ETC.							
Depth Interval	Amount and Kind of Material Used						
3700-3712	3000 gals 15% HCL						
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)							
Formations	Depth	Formations	Depth				
Strawn	1610	Lake Sand	3210				
Caddo	3020	Marble Falls	3338				
		Duffer	3694				
REMARKS _____							

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISIONForm W-12
(1-2-71)INCLINATION REPORT
(One Copy Must Be Filed With Each Completion Report.)

1. FIELD NAME (as per RRC Records or Wildcat)	2. LEASE NAME	3. Well Number
Cameron Two (Duffer Lime)	M. A. Clyatt	#3
3. OPERATOR	Chase-Mann Petroleum, Inc.	4. RRC Identification Number (Gas completions only)
4. ADDRESS	310 Ridglea Bank Blvd., Ft. Worth, Texas	5. County
5. LOCATION (Section, Block, and Survey)	Sec. 31, Blk. 4, K&TC RR Co. Survey	Eastland

RECORD OF INCLINATION

6.1. Measured Depth (feet)	6.2. Course Length (Hundreds of feet)	6.3. Angle of Inclination (Degrees)	6.4. Displacement per Hundred Feet (Sine of Angle X 100)	6.5. Course Displacement (feet)	6.6. Accumulative Displacement (feet)
230	230	1/4	.44	1.01	1.01
590	360	3/4	1.31	4.72	5.73
1589	999	1 1/4	2.18	21.78	27.51
2585	996	1	1.75	17.43	44.94
3546	961	1 1/2	2.62	25.18	70.12
3929	383	3/4	1.31	5.02	75.14

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? yes no
18. Accumulative total displacement of well bore at total depth of 3929 feet = 75.14 feet
19. Inclination measurements were made in - Tubing Casing Open hole Drill Pipe
20. Distance from surface location of well to the nearest lease line _____ 360 feet
21. Minimum distance to lease line as prescribed by field rules _____ 330 feet
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? NO

(If the answer to the above question is "yes", attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.

Signature of Authorized Representative

Jerry McDonald
Jerry McDonald, Asst. Drilling Super.
Name of Person and Title (Type or print)
Bandera Drilling Company, Inc. Nov 20, 1984
Name of Company
Telephone: 915 676-5591 Area Code 80

Railroad Commission Use Only:

Approved By: *Marilyn J. Borck*

* Designates items certified by department that conducted the inclination surveys.

OPERATOR CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.

Signature of Authorized Representative

Richard A. Cameron, President

Name of Person and Title (Type or print)
Chase-Mann Petroleum, Inc.

Operator
Telephone: 817 732-0672 Area Code

7B-21898

Title: *Steno III* Date: *11-30-84*

RECORD OF INCLINATION (Continued from reverse side)

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)

If additional space is needed, attach separate sheet and check here.

REMARKS: _____

- INSTRUCTIONS -

An inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. (Inclination surveys are required on re-entry of abandoned wells.) Inclination surveys must be made in accordance with the provisions of Statewide Rule 11.

This report shall be filed in the District Office of the Commission for the district in which the well is drilled; by attaching one copy to each appropriate completion for the well. (except Plugging Report)

The Commission may require the submission of the original charts, graphs, or discs, resulting from the surveys.

0 0 0 1 0 4 6 3 7 2

Cementer: Fill in shaded areas.
Operator: Fill in other items.

Form W-15
Cementing Report
Rev. 4-1-23
483-945

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report)	2. RRC Operator No.	3. RRC District No.	4. County of Well Site
CHIESE MARY Petroleum, Inc.	146688	7B	EASTLAND, TEXAS
5. Field Name (Wildcat or exactly as shown on RRC records)	6. API No.	7. Drilling Permit No.	
Cameron Two (Duffer Lime)	42-133-35795	234925	
8. Lease Name	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No.
M. A. Clyatt			#3

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTISTAGE CEMENTING PROCESS		
				Single String	Multiple Parallel Strings	Tool	Shoe	
12. Cementing Date	8-17-84							
13. Drilled hole size "	12 1/4							
• Est. % wash & bore enlargement	0% -							
14. Size of casing (in. O.D.)	8 5/8							
15. Top of liner (ft.)	N/A							
16. Setting depth (ft.)	228							
17. Number of centralizers used	2							
18. Hrs. waiting on cement before drill-out	8							
1st Slurry	19. API cement used: No. of sacks	> 150						
	Class	> C						
	Additives	> 2% CaCl ₂						
2nd Slurry	No. of sacks	>						
	Class	>						
	Additives	>						
3rd Slurry	No. of sacks	>						
	Class	>						
	Additives	>						
1st	20. Slurry pumped: Volume (cu. ft.)	> 198						
	Height (ft.)	> 479.7						
2nd	Volume (cu. ft.)	>						
	Height (ft.)	>						
3rd	Volume (cu. ft.)	>						R.E.C. RECEIVED R.R.C. OF TEXAS
	Height (ft.)	>						NOV 30 1984
Total	Volume (cu. ft.)	> 108						483-945 ABOVE TEXAS
	Height (ft.)	> 479.7						
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?	YES							
22. Remarks								

6681892

CEMENTING TO PLUG AND ABANDON A WELL	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date								
24. Size of tube or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs./gall.)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Greg Graves/Serv. Super.
Name and title of cementer's representative

The Western Co.
Cementing Company

Gregory R. Graves
Signature

P.O. Box 998 Mineral Wells, Texas 76067 817/328-1221 8-17-84
Address City. State. Zip Code Tel. Area Code Number Date mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Richard A. Cameron
Type or printed name of operator's representative

President
Title

Richard A. Cameron
Signature

310 Ridglea Bank Bldg. Fort Worth TX 76116 (817) 732-0672 8-31-84
Address City. State. Zip Code Tel. Area Code Number Date mo. day yr.

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (e).

- A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:
- An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
 - Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
 - Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13 in a written application. An operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

H. To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

000114 6373

Form W-15
Cementing Report
Rev. 4-1-63
463-845

Customer: Fill in under items
Operator: Fill in other items.

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P-S. Organization Report) Cameron Petroleum, Inc.	2. RRC Operator No. 146688	3. RRC District No. 7B	4. County of Well Site Brazos
5. Field Name (Wildcat or exactly as shown on RRC record) Cameron Two (Duffer Lime)	6. API No. 42- 133-35795	7. Drilling Permit No. 234925	
8. Lease Name M. A. Clyatt	9. Rule 37 Case No.	10. Oil Lease Gas ID No.	11. Well No. 3

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Spec.
12. Cementing Date				8-20-63			
13. Drilled hole size				7 7/8			
14. Est. % wash or hole enlargement				5			
15. Top of liner (ft.)				N/A			
16. Setting depth (ft.)				3907			
17. Number of centralizers used				16			
18. Time waiting on cement before drill out							
19. API cement used: No. of sacks	►			100			
1st Slurry	Class	►		II			
	Additives	►		2000			
2nd Slurry	No. of sacks	►					
	Class	►					
	Additives	►					
3rd Slurry	No. of sacks	►					
	Class	►					
	Additives	►					
1st	20. Slurry pumped: Volume (cu. ft.)	►		305			
	Height (ft.)	►		3000			
2nd	Volume (cu. ft.)	►					
	Height (ft.)	►					
3rd	Volume (cu. ft.)	►					
	Height (ft.)	►					
Total	Volume (cu. ft.)	►		305			
	Height (ft.)	►		3000			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?				NO			
22. Remarks	<i>46 Gal, 5000 ft, 34 Gilsonite, .75% D-31</i>						

COVER

CENTIMETERS TO PLUG AND ABANDON IN	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
18. Cementing depth								
24. Size of hole at plug (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Radius of cement used (feet) (ft.)								
27. Slurry volume pumped (cu. ft.)								
28. Measured top of plug (ft.)								
29. Slurry weight (lb.)								
30. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the preceding data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Paul R. Ryer, Sr.

Paul R. Ryer

Name and title of cementer's representative

Cementing Company

Signature

Date 1981

Richardson, Texas

75002 817 339 6575

8-31-84

Address

City

State, Zip Code

Tel. Area Code Number

Date mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Richard A. Cameron

President

Richard A. Cameron

Typed or printed name of operator's representative

Title

Signature

310 Ridglea Bank Bldg. Fort Worth TX 76116 (817) 732-0672 8-31-84
Address City State, Zip Code Tel. Area Code Number Date mo. day yr.

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
- Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

In plugging and abandoning a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

- Return each W-1 with plot and \$100.00 fee.
Make a check or money order payable to the
State Treasurer of Texas. Address to:
4. Railroad Commission of Texas
Oil and Gas Division, Drilling Permits
P. O. Drawer 12887, Capital Station
Austin, Texas 78711
- File a copy of W-1 and plot in RRC District Office.

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Application for Permit to Drill, Deepen, Plug Back, or Re-Enter

11-27-84
► Read Instructions on Back

Form W-1

Rev. 01/83
203-000

Purpose of filing (mark appropriate boxes):

- Drill Deepen (below casing)
 Directional Well Side-track

- Deepen (within casing) Plug Back Re-Enter

Amended Permit (enter permit no. at right & explain fully in Remarks)

API No.	133-35795
42-	332-35797
Permit No.	234925
Rule 37 Case No.	234925
Well No.	3
Total Depth	3929'

1. Operator's Name (exactly as shown on Form P-5, Organization Report) Chase-Mann Petroleum, Inc.	3. RRC Operator No. 146688	4. RRC District No. 7B	5. County of Well Site Eastland
2. Address (including city and zip code) 310 Ridglea Bank Building Fort Worth, TX 76116	6. Lease Name (32 spaces maximum) M. A. Clyatt	7. RRC Lease/ID No. 20585	8. Well No. 3
10. Location • Section 31 Block 4 Survey H&TC RR CO. Abstract No. A • This well is to be located 3 miles in a NW direction from Eastland <small>which is the nearest town in the county of the well site.</small>			

11. Distance from proposed location to nearest lease or unit line 360 ft.	12. Number of contiguous acres in lease, pooled unit, or unitized tract 240 (OUTLINE ON PLAT.)							
13. FIELD NAME (Exactly as shown on RRC operation schedule) List all established and wildcat zones of anticipated completion. Attach additional Form W-1's as needed to list these zones. One zone per line. Cameron Two (Duffer Lime)	14. Completion depth 3940	15. Spacing pattern (ft.) 933	16. Density pattern (acres) 20	17. Number of acres in drilling unit for this well. OUTLINE ON PLAT. 20	18. Is this acreage assigned to another well on this lease? If so, explain in Remarks. NO	19. Distance from proposed location to nearest applied for, permitted, or completed well on this lease. If so, explain in Remarks. 1480	20. Oil, gas, or other type well (Specify) Oil Gas	21. No. of applied for, permitted, or completed locations (including this one) on lease in this reservoir. 2
Code C Code 0 3929								

22. Perpendicular surface location from two nearest designated lines: • Lease/Unit 360' FSL and 2280' FEL • Survey/Section 2340' FNL and 2280' FEL
--

If a directional well, show also projected bottom-hole location:

- Lease/Unit
• Survey/Section

23. Is this a pooled unit? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

24. Is Item 17 less than Item 16 (substandard acreage for any field applied for)?

- Yes No

25. Is this wellbore subject to Statewide Rule 36 (hydrogen sulfide area)? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
--

If subject to Rule 36, is Form H-9 filed? Yes No If not filed, explain in Remarks.

26. Do you have the right to develop the minerals under any right-of-way that crosses, or is contiguous to, this tract? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If not, and if the well requires a Rule 37 or 38 exception, see instructions for Rule 37.
--

I verify that information stated in this application is true and complete, to the best of my knowledge.

Richard A. Cameron Richard A. Cameron, Pres.

Signature

Name and title of operator's representative

11-27-84

(817) 732-0672

Date: mo. day yr. Tel: Area Code Number

* RRC Use Only *

Remarks This field was inadvertently left off the original W-1.

209231 12/3/84V 266715

MAPPING

Instructions to Form W-1

A. IMPORTANT: Do not begin drilling operations on any location until you receive a drilling permit from the Commission, and the waiting-clause period, if specified in the permit, has ended.

B. Organization Report. Before this application can be processed, a Form P-5, Organization Report, showing the exact operator name used on Form W-1, must be on file with the Commission in Austin.

C. Fee. With each W-1 application or materially amended W-1 application, the applicant must submit to the Commission in Austin a fee of \$100.00. A check or money order must be made payable to the State Treasurer of Texas. This fee is nonrefundable. An application will be considered materially amended if the amendment requires the issuance of a new permit. A materially amended application includes an application in which an additional field or a change in location or field is sought for a previously permitted well. However, if a new application and/or permit becomes necessary because of Commission action, the \$100.00 fee may be waived.

D. Surface casing. Before the Commission will assign an allowable to a well, the operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources. Before drilling a well where Commission rules do not specify surface casing requirements, the operator must obtain a letter from the Department stating the protection depth. Write: TDWR Surface Casing, P. O. Box 13087, Capitol Station, Austin, Texas 78711.

E. What to file. File Form W-1, a plat, and the \$100.00 fee in the Commission's Austin office (the address appears on the front of this form). Send a copy of the W-1 and plat to the RRC District Office that serves the county of the proposed well site.

F. Plat. Each W-1 must be accompanied by a neat, accurate plat of the lease or unit which clearly shows the following:

For a REGULAR location (where the proposed site conforms to Commission rules)

- Drilling unit boundary for the proposed location and proration unit boundaries for each producing well on this lease or unit which is completed in the same field. Show the acreage contained in each unit. For Commission purposes, lease or unit acreage must be contiguous unless an exception to Statewide Rule 39 is granted. If a Rule 39 exception has previously been granted for the lease or unit, attach a copy of the RRC approval.
- Surface location of the proposed site. If the well is to be directionally drilled, show also the projected bottom-hole location.
- Perpendicular distance to nearest intersecting: (a) lease/unit lines and (b) survey/section lines. To avoid confusion, distinguish between the two sets of lines.
- Distance to nearest applied for, permitted, or completed well on this lease or unit in the same field.
- Section, block, or lot.
- Northerly direction.
- Scale. Where the size of the lease or unit will allow, use a scale of 1" = 1,000'. If it is not practical to show the entire lease or unit on the plat, attach a second plat drawn to a scale no smaller than 1" = 2,000', to show the entire lease or unit in relation to the patent survey. Enter on Form W-1 (Item 12) the acreage for the entire lease or unit.
- On a pooled unit, outline the entire lease or unit as well as the individual tracts listed on Form P-12, Certificate of Pooling Authority.

For a RULE 37 or RULE 38 Exception (where spacing or acreage is less than prescribed by rule)

- A certified plat of the entire lease or unit which includes the information described above; and
- A list of the names and addresses of all offsetting operators or unleased mineral interest owners of each tract which is contiguous to the drill site tract. If you do not have the right to develop the minerals under any right-of-way that crosses, or is contiguous to, this tract, and if the well requires a Rule 37 or 38 exception, list also the name and address of the person who has this right. The list should refer to the plat clearly so as to enable the Commission to readily identify each tract and its operator or mineral owner.

NOTE: If you penetrate a Rule 37 or 38 zone in which you do not propose to complete at this time, you will not necessarily be allowed to use the existence of this wellbore as justification for an exception to complete this wellbore in such zone in the future.

G. Specific Items.

Item 13. Field name. Use only field designations, including reservoir, approved by the Commission (not proposed field names). Enter "Wildcat" if the reservoir has no RRC field designation and give the total projected depth under "Completion Depth." If the well is to be drilled in a multi-pay area, list all established and wildcat zones for which a completion is proposed. If necessary, attach additional Form W-1's to list these zones.

Item 15. Spacing pattern. If the proposed location of the well is in a field with special field rules, enter the appropriate spacing pattern. If there are no field rules in effect Statewide Rule 37 spacing applies. Rule 37 requires wells to be spaced at least 467 feet from lease lines and 1,200 feet from other wells completed in the same reservoir and on the same lease, with one well to each 40 acres. However, if the proposed location is in RRC Districts 7B, 9, or in McCulloch County (District 7C), and in a field with no special field rules adopted, a district (or county regular) rule will apply, with special spacing and depth controls for wells drilled to 3,000 feet or above.

Item 16. Density pattern. If the proposed location is in a field with special field rules, enter the appropriate density pattern. If there are no field rules in effect, Statewide Rules 37 and 38 apply, allowing one well to each 40 acres. However, if the proposed location is in RRC Districts 7B, 9, or in McCulloch County (District 7C), and in a field with no special field rules adopted, the special spacing and depth controls in Rule 38(b) govern density.

2023 RELEASE UNDER E.O. 14176

1 2 0 1 1 4 6 3 7 5

PLAT SHOWING
PROPOSED NEW WELL LOCATION

Eastland

County, Texas

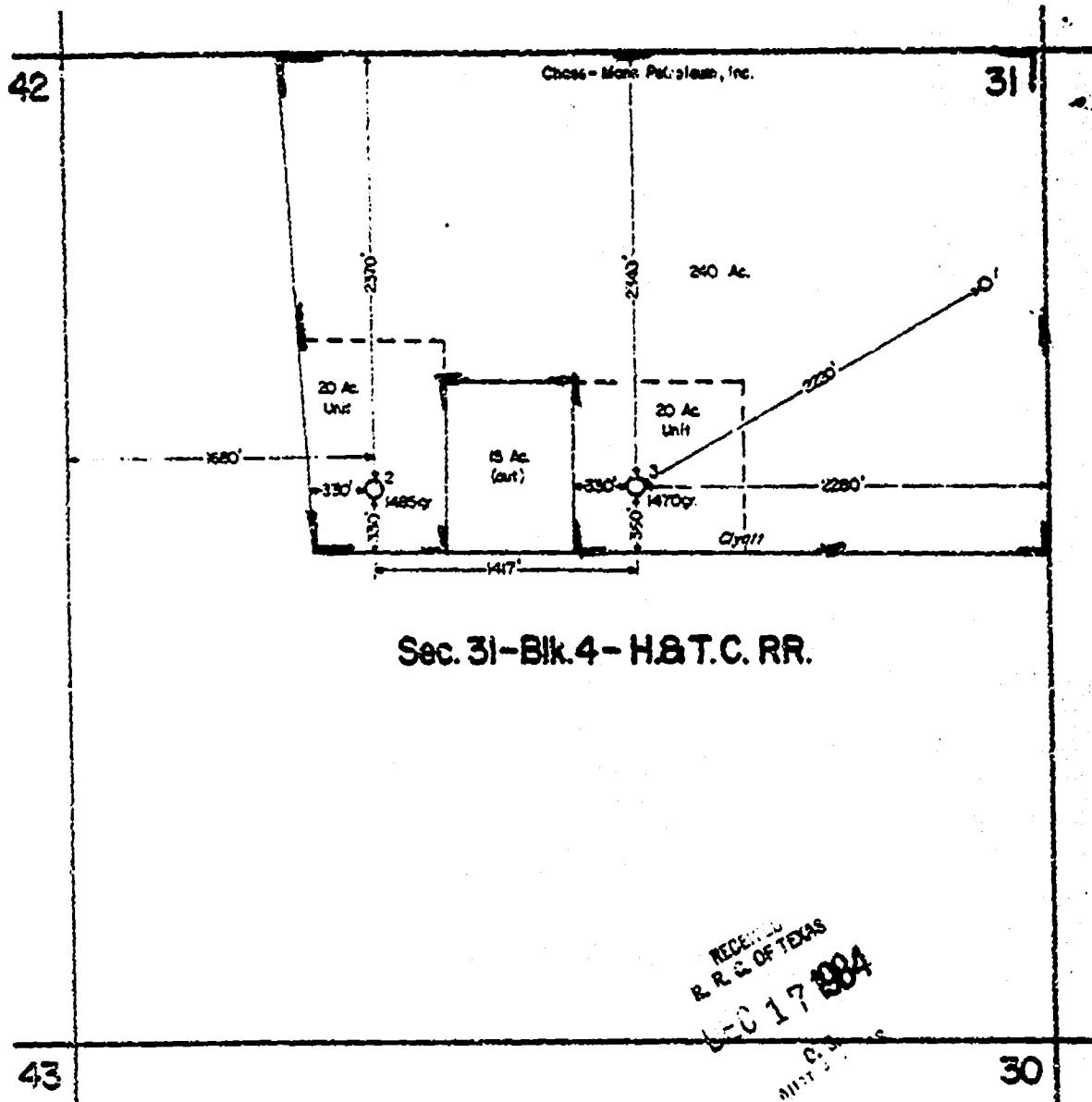
Description: 2260 FEL - 360 FSL of Lease

2260 FEL - 2340 FNL of Sec. 31 - Blk. 4 - H&TC RR

Section

Block

Survey



Abilene Well Elevation Service, Inc.

5757 Holiday

Abilene, Texas 79605

Scale 1"=1000'

Date Staked 12/6/83

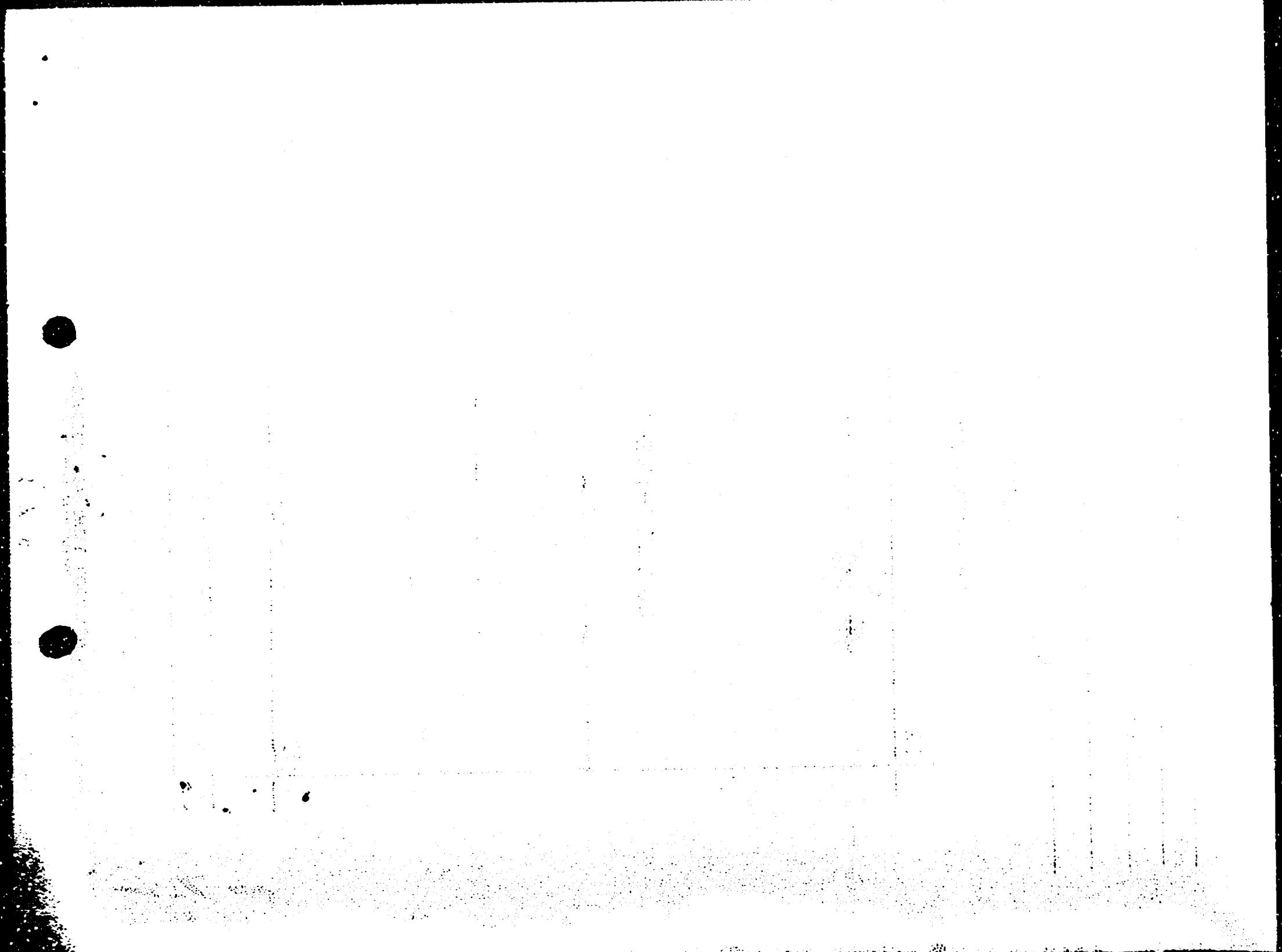
Operator Chase - Mann Petroleum, Inc.

Lease Name: M. A. Clyatt

Well No. 3

Elevation 1470 GR

Distance and Direction from Hwy Jct or Town 2 Miles NW of Eastland, Texas



- Return each W-1 with plot and \$100.00 fee.
Make a check or money order payable to the
State Treasurer of Texas. Address to:
Railroad Commission of Texas
Oil and Gas Division, Drilling Permits
P. O. Drawer 12987, Capitol Station
Austin, Texas 78711.
- File a copy of W-1 and plot in RRC District Office.

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Application for Permit to Drill, Deepen, Plug Back, or Re-Enter

► Read Instructions on Back

Form W-1
Rev. 9/1/83
483-000

Purpose of filing (mark appropriate boxes):

- Drill Deepen (below casing) Deepen (within casing) Plug Back Re-Enter
- Directional Well Sidetrack Amended Permit (enter permit no. at right & explain fully in Remarks)

Enter here,
if assigned:

API No.
► 42-133-35795
Permit No.
► 234925
Rule 37 Case No.
►

1. Operator's Name (exactly as shown on Form P-5, Organization Report)

Chase-Mann Petroleum, Inc.

2. Address (including city and zip code)

**3509 Hulen, Suite 109
Fort Worth, TX 76107**

3. RRC Operator No.

146688

4. RRC District No.

7B

5. County of Well Site

Eastland

6. Lease Name (32 spaces maximum)

M. A. Clyatt

7. RRC Lease/ID No.

20585

8. Well No.

3

9. Total Depth

4000

10. Location

• Section **31** Block **4**, Survey **H & TC RR Co.** Abstract No. **212**

• This well is to be located **3** miles in a **NW** direction from **Eastland**

which is the nearest town in the county of the well site.

11. Distance from proposed location to nearest lease or unit line

360

12. Number of contiguous acres in lease, pooled unit, or unitized tract

240

(OUTLINE ON PLAT.)

13. FIELD NAME (Exactly as shown on RRC plot plan or schedule). List all established and wildcat zones of anticipated completion. Attach additional Form W-1's as needed to list these zones. One zone per line.

150432000

Completion depth	Completion date	Spacing pattern (ft.)	Density pattern (acres)	Outline on Plat.	Number of acres in drilling unit for this well.	Is this acreage assigned to an other well on this lease or in this reservoir? If so, explain in Remarks.	Distance from proposed location to nearest applied for, permitted, or completed well, this lease or reservoir. (ft.)	Oil, gas, or other type well (Specify)	No. of applied for, permitted, or completed locations (including this one) on lease in this reservoir.	Oil	Gas
P. Cameron (Marble Falls)	3400	933	20	20	1	No	1417	Oil, Gas	3	-	
and/or Wildcat	1000	933	20	20	1	No	1417	Oil, Gas	3	-	
McCormick (Ellenburger)	3900	933	20	20	1	No	1417	Oil, Gas	3	-	

22. Perpendicular surface location from two nearest designated lines:

• Lease/Unit **360' FSL & 2280' FEL**
• Survey/Section **2340' FNL 2280' FEL**

If a directional well, show also projected bottom-hole locator:

• Lease/Unit **Corte Corte**
• Survey/Section **04000**

23. Is this a pooled unit?

Yes ► (Attach Form P-12 and certified plat.)

No

24. Is Item 17 less than Item 13 (substandard acreage for any field applied for)?

Yes ► (Attach Form W-1A)

No

25. Is this wellbore subject to Statewide Rule 36 (hydrogen sulfide area)? Yes No

Is subject to Rule 36. Is Form II-9 filed? Yes No ► If not filed, explain in Remarks.

26. Do you have the right to develop the minerals under any right-of-way that crosses, or is contiguous to, this tract? Yes No

I certify that information stated in this application is true and complete, to the best of my knowledge.

Richard A. Cameron President

Signature

3-19-84

Name and title of locator's representative

(817) 732-0672

Date: mo. day yr. Tel.: Area Code Number

* RRC Use Only

MAPPING

Remarks

218198 4-88 6-84

237550

INSTRUCTIONS TO FORM W-1

A. IMPORTANT: Do not begin drilling operations on any location until you receive a drilling permit from the Commission, and the waiting-clause period, if specified in the permit, has ended.

B. Organization Report. Before this application can be processed, a Form P-5, Organization Report, showing the exact operator name used on Form W-1, must be on file with the Commission in Austin.

C. Fee. With each W-1 application or materially amended W-1 application, the applicant must submit to the Commission in Austin a fee of \$100.00. A check or money order must be made payable to the State Treasurer of Texas. This fee is nonrefundable. An application will be considered materially amended if the amendment requires the issuance of a new permit. A materially amended application includes an application in which an additional field or a change in location or field is sought for a previously permitted well. However, if a new application and/or permit becomes necessary because of Commission action, the \$100.00 fee may be waived.

D. Surface casing. Before the Commission will assign an allowable to a well, the operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources. Before drilling a well where Commission rules do not specify surface casing requirements, the operator must obtain a letter from the Department stating the protection depth. Write: TDWR, Surface Casing, P. O. Box 13087, Capitol Station, Austin, Texas 78711.

E. What to file. File Form W-1, a plat, and the \$100.00 fee in the Commission's Austin office (the address appears on the front of this form). Send a copy of the W-1 and plat to the RRC District Office that serves the county of the proposed well site.

F. Plat. Each W-1 must be accompanied by a neat, accurate plat of the lease or unit which clearly shows the following:

For a REGULAR location (where the proposed site conforms to Commission rules)

- Drilling unit boundary for the proposed location and proration unit boundaries for each producing well on this lease or unit which is completed in the same field. Show the acreage contained in each unit. For Commission purposes, lease or unit acreage must be contiguous unless an exception to Statewide Rule 39 is granted. If a Rule 39 exception has previously been granted for the lease or unit, attach a copy of the RRC approval.
- Surface location of the proposed site. If the well is to be directionally drilled, show also the projected bottom-hole location.
- Perpendicular distance to nearest intersecting: (a) lease/unit lines and (b) survey/section lines. To avoid confusion, distinguish between the two sets of lines.
- Distance to nearest applied for, permitted, or completed well on this lease or unit in the same field.
- Section, block, or lot.
- Northerly direction.
- Scale. Where the size of the lease or unit will allow, use a scale of 1" = 1,000'. If it is not practical to show the entire lease or unit on the plat, attach a second plat, drawn to a scale no smaller than 1" = 2,000', to show the entire lease or unit in relation to the patent survey. Enter on Form W-1 (Item 12) the acreage for the entire lease or unit.
- On a pooled unit, outline the entire lease or unit as well as the individual tracts listed on Form P-12, Certificate of Pooling Authority.

For a RULE 37 or RULE 38 Exception (where spacing or acreage is less than prescribed by rule)

- A certified plat of the entire lease or unit which includes the information described above; and
- A list of the names and addresses of all offsetting operators or unleased mineral interest owners of each tract which is contiguous to the drill site tract. If you do not have the right to develop the minerals under any right-of-way that crosses, or is contiguous to, this tract, and if the well requires a Rule 37 or 38 exception, list also the name and address of the person who has this right. The list should refer to the plat clearly so as to enable the Commission to readily identify each tract and its operator or mineral owner.

NOTE: If you penetrate a Rule 37 or 38 zone in which you do not propose to complete at this time, you will not necessarily be allowed to use the existence of this wellbore as justification for an exception to complete this wellbore in such zone in the future.

G. Specific Items:

Item 13. Field name. Use only field designations, including reservoir, approved by the Commission (not proposed field names). Enter "Wildcat" if the reservoir has no RRC field designation and give the total projected depth under "Completion Depth." If the well is to be drilled in a multi-pay area, list all established and wildcat zones for which a completion is proposed. If necessary, attach additional Form W-1's to list these zones.

Item 15. Spacing pattern. If the proposed location of the well is in a field with special field rules, enter the appropriate spacing pattern. If there are no field rules in effect, Statewide Rule 37 spacing applies. Rule 37 requires wells to be spaced at least 467 feet from lease lines and 1,200 feet from other wells completed in the same reservoir and on the same lease, with one well to each 40 acres. However, if the proposed location is in RRC Districts 7B, 9, or in McCulloch County (District 7C), and in a field with no special field rules adopted, a district (or county regular) rule will apply, with special spacing and depth controls for wells drilled to 5,000 feet or above.

Item 16. Density pattern. If the proposed location is in a field with special field rules, enter the appropriate density pattern. If there are no field rules in effect, Statewide Rules 37 and 38 apply, allowing one well to each 40 acres. However, if the proposed location is in RRC Districts 7B, 9, or in McCulloch County (District 7C), and in a field with no special field rules adopted, the special spacing and depth controls in Rule 38(b) govern density.

0 0 0 1 1 4 6 3 7 7

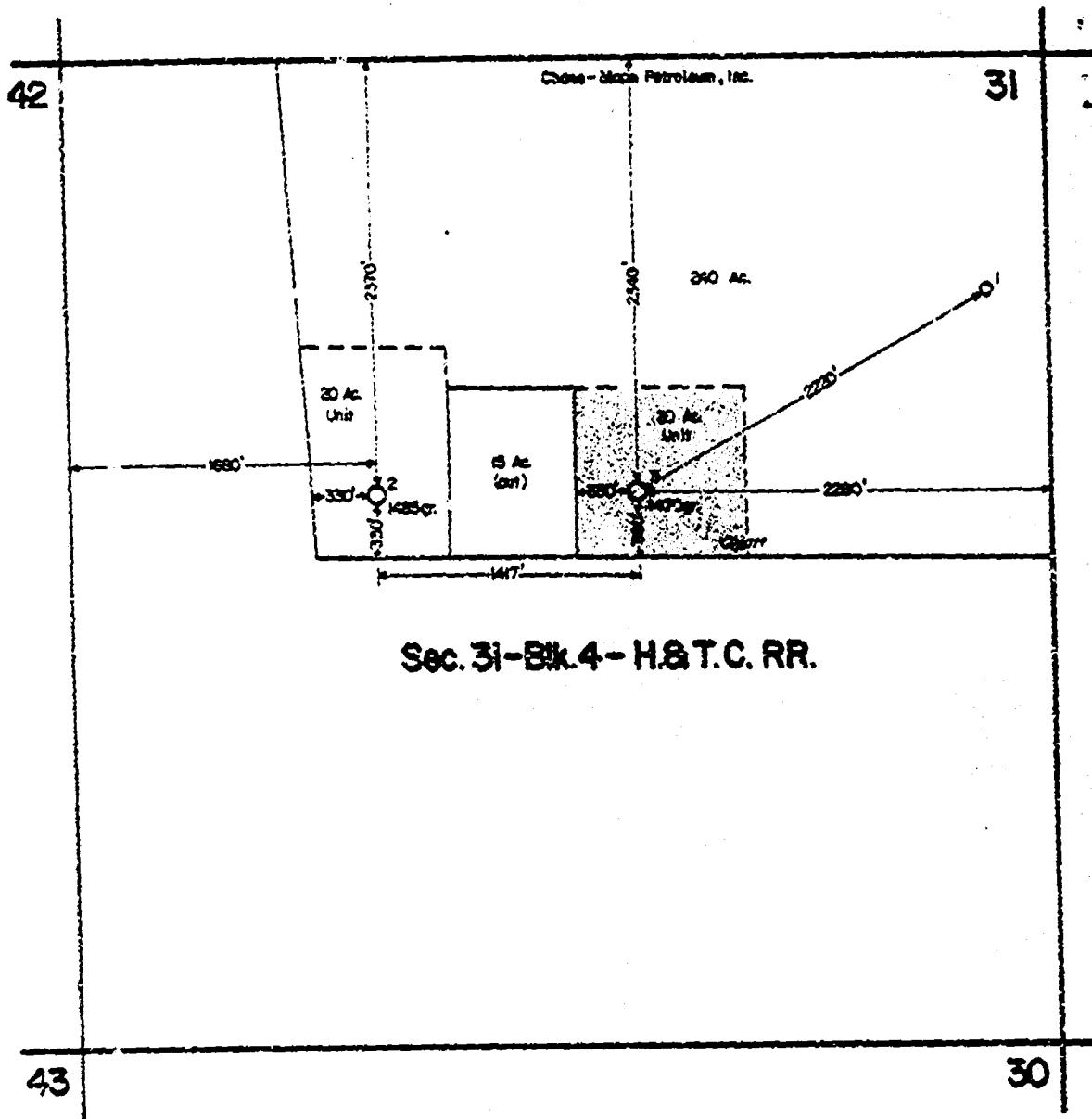
**PLAT SHOWING
PROPOSED NEW WELL LOCATION**

Eastland _____ County, Texas

Description: 2280 FEL - 360 FSL of Lease

2280 FEL - 2340 FNL of Sec. 31 - Blk. 4 - H&TC RR

Section _____ Block _____ Survey _____



Sec. 31-Blk. 4- H.&T.C. RR.

R.R. C. S.
 Austin, O. C.
 06
 Scale: 1/251000
 5
 Operator: Chase - Mann Petroleum, Inc.

Abilene Well Elevation Service, Inc.
 5757 Holiday
 Abilene, Texas 79605

Date Staked: 12/6/83

Lease Name: M. A. Clyatt Well No. 3

Elevation: 1470 CR

Distance and Direction from Hwy Jct. or Town: 2 Miles NW of Eastland, Texas

Model A Permit to Drill, Deepen, Plug Back, or Re-Enter
Date (Year) _____ / _____ / _____
Name (First, Middle, Last Name) _____
Address (Street, Box, Suite, etc.) _____
City _____ State _____ Zip _____
Phone Number _____
Oil and Gas Division, Drilling Permits
P. O. Drawer 12807, Capitol Station
Austin, Texas 78711
File a copy of W-1 and pay in RRC District Office.

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Application for Permit to Drill, Deepen, Plug Back, or Re-Enter

Form W-1
Rev. 9/1/83
463-069

► Read Instructions on Back

V231/Chd

42-133 35797

Permit No. 294570
2/19/83

Rule 37 Cogn No.
98839

Purpose of filing (mark appropriate boxes):

- Drill Deepen (below casing)
 Directional Well Sidetrack

- Deepen (within casing) Plug Back Re-Enter

Enter here
if assigned:

1. Operator's Name (exactly as shown on Form P-5, Organization Report)

Chase-Mann Petroleum, Inc.

2. Address (including city and zip code)

310 Ridglea Bank Building
Fort Worth, TX 76116

XX Amended Permit Enter permit no. at right & explain fully in Remarks

3. RRC Operator No. 146688

4. RRC District No. 7B

5. County of Well Site Eastland

6. Lease Name (32 spaces maximum) M. A. Clyatt

7. RRC Lease/ID No. 21893

8. Well No. 2

9. Total Depth 3920'

10. Location

• Section 31 Block 4 Survey H&TC RR Co. Abstract No. A-212

• This well is to be located 3 miles in the NW direction from Eastland, TX

which is the nearest town in the county of the well site.

11. Distance from proposed location to nearest lease or unit line 289.5 ft

12. Number of contiguous acres in lease, pooled unit, or unitized tract 240 (OUR LINE ON PLAT.)

13. FIELD NAME (Exactly as shown on RRC proration schedule). List all established and wildcat zones of anticipated completion. Attach additional Form W-1's as needed to list these zones. One zone per line.

15044-300
Cameron Two (Duffer Lime) 3960 330 933 ✓ 20 ✓ 20 No 1520.5 Oil, Gas 3
15044-700
P. Cameron (Marble Falls) 3400 330 933 ✓ 20 ✓ 20 No 1520.5 Oil, Gas 3
54044-500
McCormick (Ellenburger) 3900 330 933 ✓ 20 ✓ 20 No 1520.5 Oil, Gas 3

14. Perpendicular surface location from two nearest designated lines: Set X37

• Lease/Unit 289.5 FWL & 529.8 FSL
• Survey/Section 1588.5 FWL & 2177.79 FSL

23. Is this a pooled unit?

Yes ► (Attach Form P-12 and certified plat.)

No XX

25. Is this wellsite subject to Statewide Rule 36 hydrogen sulfide area? Yes No XX

26. Do you have the right to develop the minerals under my right-of-way that crosses, or is contiguous to, this tract? Yes No XX

If not, and if the well requires a Rule 37 or 39 exception, see instructions for Rule 37.

Remarks Resurvey of location indicated Rule 37 exception required. NOTE: Rule 37 hearing should be set on same day as Snow Oil Company (offset operator) complaint.

13. Completion depth (ft.)

15. Spacing pattern (ft.)

16. Density pattern (acres)

17. Number of acres in drilling unit for this well. OUTLINE ON PLAT.

18. Is this acreage assigned to another well on this lease & in this reservoir? If so, explain in Remarks.

19. Distance from proposed location to nearest lease or unitized tract, (ft.)

20. Oil, gas, or other type well (Specify)

21. No. of applied for, permitted, or completed locations (including this one) on lease in this reservoir.

OIL GAS

22. Lease Unit

23. Survey/Section

24. Is Item 17 less than Item 16 (substantially acreage for any field applied for)?

Yes ► (Attach Form W-1A)

No XX

If subject to Rule 36, is Form H-9 filed? Yes No XX

► If not filed, explain in Remarks

I certify that information stated in this application is true and complete, to the best of my knowledge.

Richard A. Cameron, President

Signature

2-15-85

Date mo day yr

Area Code Number

(817) 732-0672

21 15 85 817 732 0672

• RRC Use Only •

21 15 85 817 732 0672

44-1182

0 0 0 1 1 4 6 3 7 9

41

1601.19 (Plot)

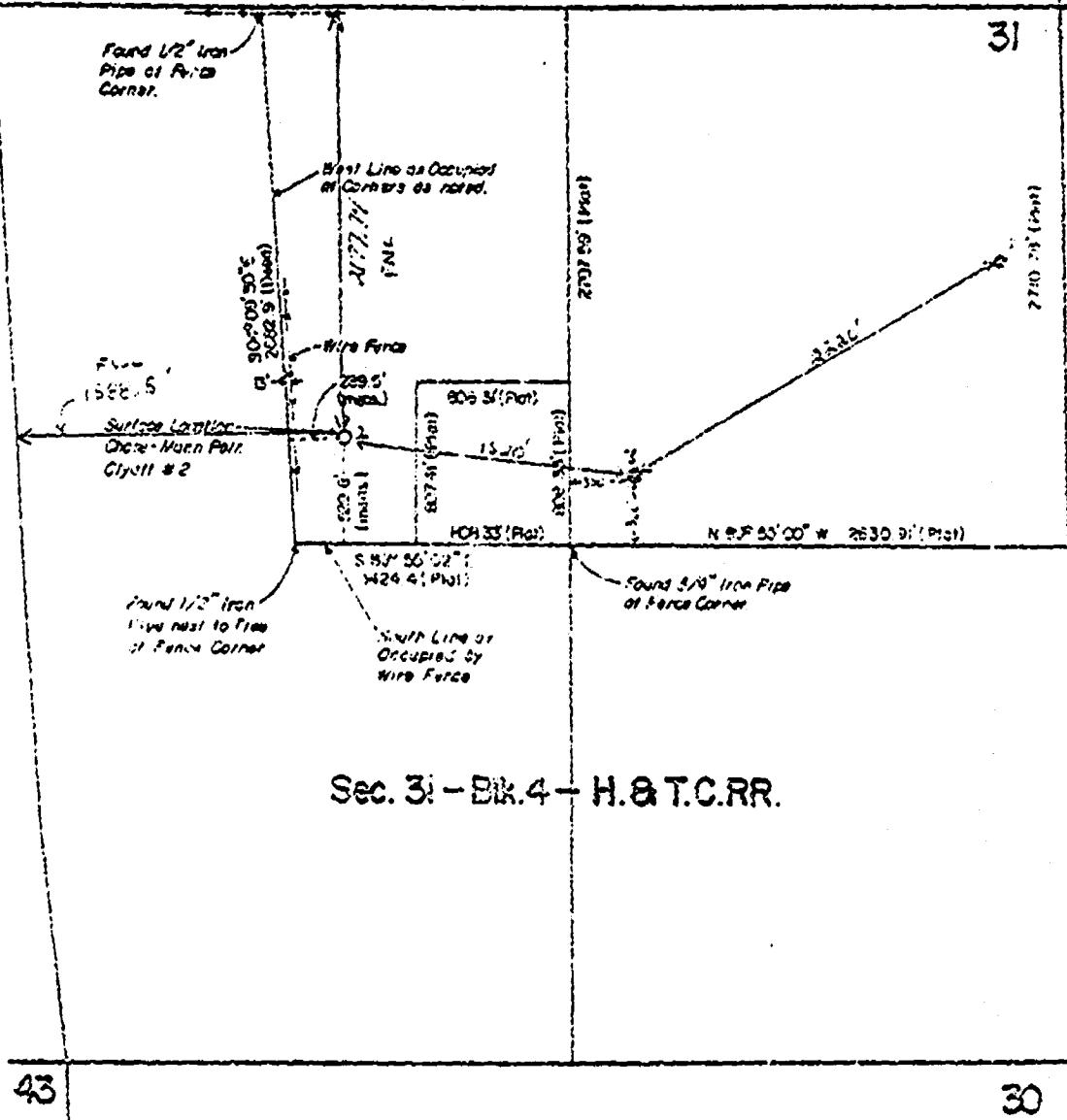
1551.19 (Plot)

2620.93 (Plot)

32

42

31



Sec. 31 - Blk. 4 - H. & T.C.R.R.

43

30

I hereby certify that I have made the noted field measurements in the area shown as it is occupied. This was done at the request of Richard Cameron and does not represent a land boundary survey. However, we can perform an extensive survey if it is requested. Property line information shown per deeds and the plot of the area by Richard Johnson, Eastland County Surveyor on 10-3-84 (supplied by Richard Cameron). The plot herein drawn is a summary of this information.

Kenneth B. Wenagus

Kenneth B. Wenagus
 Registered Public Surveyor #4185
 Vice President
 Abilene Well Elevation Service, Inc.
 915-695-1000

(I have superimposed the other wells, tanks, locations and distances in "blue". This should clarify the 10-3-84 information, which was furnished on March 19, 1985. Richard S. Cameron.)

SCALE 1"=1000'

