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

OIL OR CONDENSATE GATHERER

Name	RRC USE ONLY			
Tesoro Crude Oil Company	TE503	<input checked="" type="checkbox"/>	<input type="checkbox"/> Oil	
Address	100 %			
8700 Tesoro Drive	of the	<input type="checkbox"/>	<input type="checkbox"/> Condensate	
City, State, Zip Code				
San Antonio, TX 78286				
Name	RRC USE ONLY			
		<input type="checkbox"/>	<input type="checkbox"/> Oil	
Address				
		<input type="checkbox"/>	<input type="checkbox"/> Condensate	
City, State, Zip Code				

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:			
	Chase-Mann Petroleum, Inc.	M. A. Clyatt		
	Operator	Lease		
<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"/>	Change field name from _____			Field No.
<input type="checkbox"/>	Change operator name from _____			Operator No.
<input type="checkbox"/>	Change lease name from _____			Approved
<input type="checkbox"/>	Consolidation or subdivision of lease (Attachments required - See instructions)			J.C. BOULDIN
Previous Form P-4 approval date if filed (or prior SW-1 number)	11	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		
4. ADDRESS		310 Ridglea Bank Building, Fort Worth, TX 76116		
5. If operator has changed within last 60 days, name former operator				
6a. Location, Section, Block, and Survey		6b. Distance and direction to nearest town in this county		
Sec. 31, Blk. 4 H&TC RR Co. Surv		3 miles NW of Eastland		
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no.		GAS ID or OIL LEASE #	OIL O Gas G	WELL NO.
FIELD & RESERVOIR		n/a		
13. Type of electric or other log run		14. Completion or recompletion date		
Dual Induction, Comp. Density, Dip Log		11-8-84		

11. Purpose of filing

Initial Potential

Re-test

Reclass

Well record only
(explain in Remarks)

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

15. Date of test	16. No. of hours tested	17. Production method (Flowing, Gas Lift, Jetting, Pumping— Size & Type of pump)			18. Choke size
11-23-84	24	Flowing			8/64
19. Production during Test Period	OIL BBLS	Gas - MCF	Water - BBLS	Cas - Oil Ratio	Flowing Tubing Pressure
	6	50	4	8,333/1	120
20. Calculated 24- Hour Rate	OIL BBLS	Gas - MCF	Water - BBLS	Oil Gravity-API-60°	Casing Pressure
	6	50	4	41	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)	23. Injection Gas-Oil Ratio	
			-0-		

REMARKS:

RECORD
CLASSIFICATION

NOV 5 1984

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

D.Y. Casing
Signature

► 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
(817) 732-0672 Date: 11 / 27 / 84
Telephone Area Code Number mo. day year

President
Title of Person

Signature

Richard A. Cameron
Signature

3910/31/85

133 35797

98

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Re-test)							
24. Type of Completion: New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>					25. Permit to Drill Plug Back or Deepen Rule 37 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.					DATE 7-6-84 PERMIT NO. 234927 CASE NO. 95332 PERMIT NO.		
27. Number of producing wells on this lease in this field (reservoir) including this well 2		28. Total number of acres in this lease 240					
29. Date Plug Back, Deepening, WorkOver or Drilling Operations: 8-11-84		Commenced Completed 11-8-84		30. Distance to nearest well. Same Lease & Reservoir 1480'			
31. Location of well relative to nearest lease boundaries of lease on which this well is located		330 feet from south Line of the		Line and M. A. Clivatt			
32. Elevation (D.F. R.K.B. RT. GR. ETC.) 1488		33. Was directional survey made other than Inclination (Form W-121)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
34. Top of Pay 3702'	35. Total Depth 3920'	36. P. B. Depth 3880'	37. Surface Casing Determined by: Field Rules	38. Recommendation of T.D.W.R. Railroad Commission (Specified) GAS ID or OIL-O WELL OIL LEASE Gas-C	39. Is well multiple completion? NO	40. Intervals Drilled by: X	41. Dr. of Letter Dr. of Letter Rotary Tools Cable Tools
41. Name of Drilling Contractor Bandera Drilling		FIELD & RESERVOIR		42. Is Cementing Affidavit Attached? <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	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 3702' - 3709'			Amount and Kind of Material Used 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 _____

RECORD OF INCLINATION (Continued from reverse side)

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 data, resulting from the surveys.

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

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

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

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

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 type data								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
23. Units 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.

The Western Co.

Tom LeBlanc

Name and title of cementer's representative

Cementing Company

Signature

2.0. Box 998 Mineral Wells, Texas 76067 817/328-1221 8-10-84
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

Type or printed name of operator's representative

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 & (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 8-16-84						
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 8-15-84
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

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

► Read Instructions on Back

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.

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

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/Unit No.

20585

8. Well No.

2

9. Total Depth

3920'

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 applied for, permitted, or completed 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	933 ✓	20 ✓	20 ✓	No	1480	Oil, Gas	2

15044 300

Code C Code 03990

14. Perpendicular surface location from two nearest designated lines:

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

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

Lease/Unit

Survey/Section

22. Is this a pooled unit?

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

23. Is item 19 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.

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

25. 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.

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

Remarks

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

209231 DEC 13 1984 ✓

MAPPING

RRC Use Only

18 266714

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

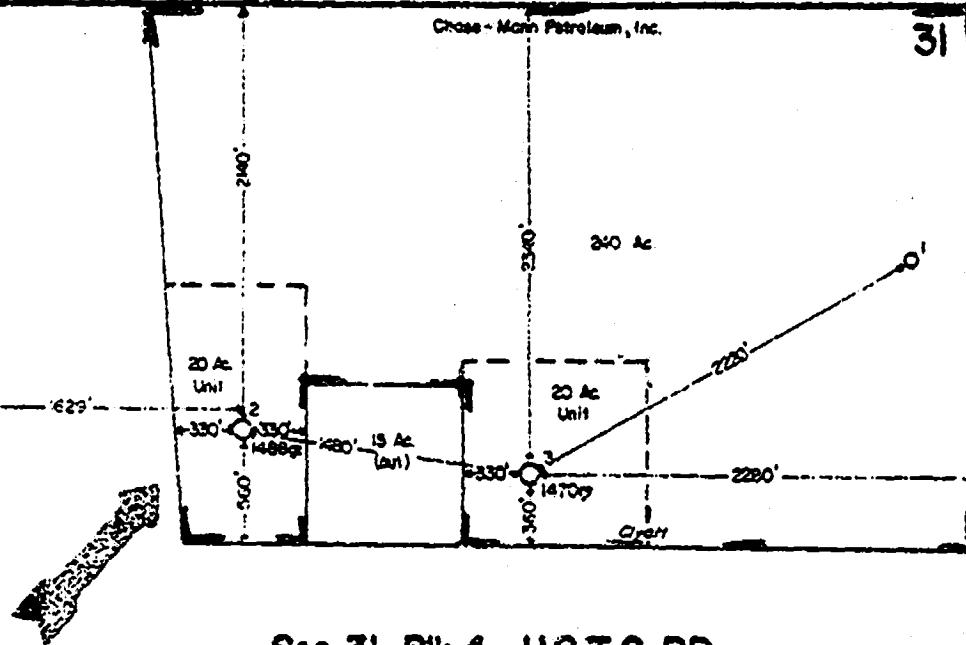
2140 FWL - 1629 FSL of Sec. 31 - Blk. 4 - H&TC RR

Section Block Survey

42

31

Chase-Mann Petroleum, Inc.



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

REC'D.
R.R.C. OF TEXAS
LNU 17 894
MAY 11 1984
AMERICAN
C.G. & S.

43

30

I declare under penalty of perjury, in Article 6036c, 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.

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 CR

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 those 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.

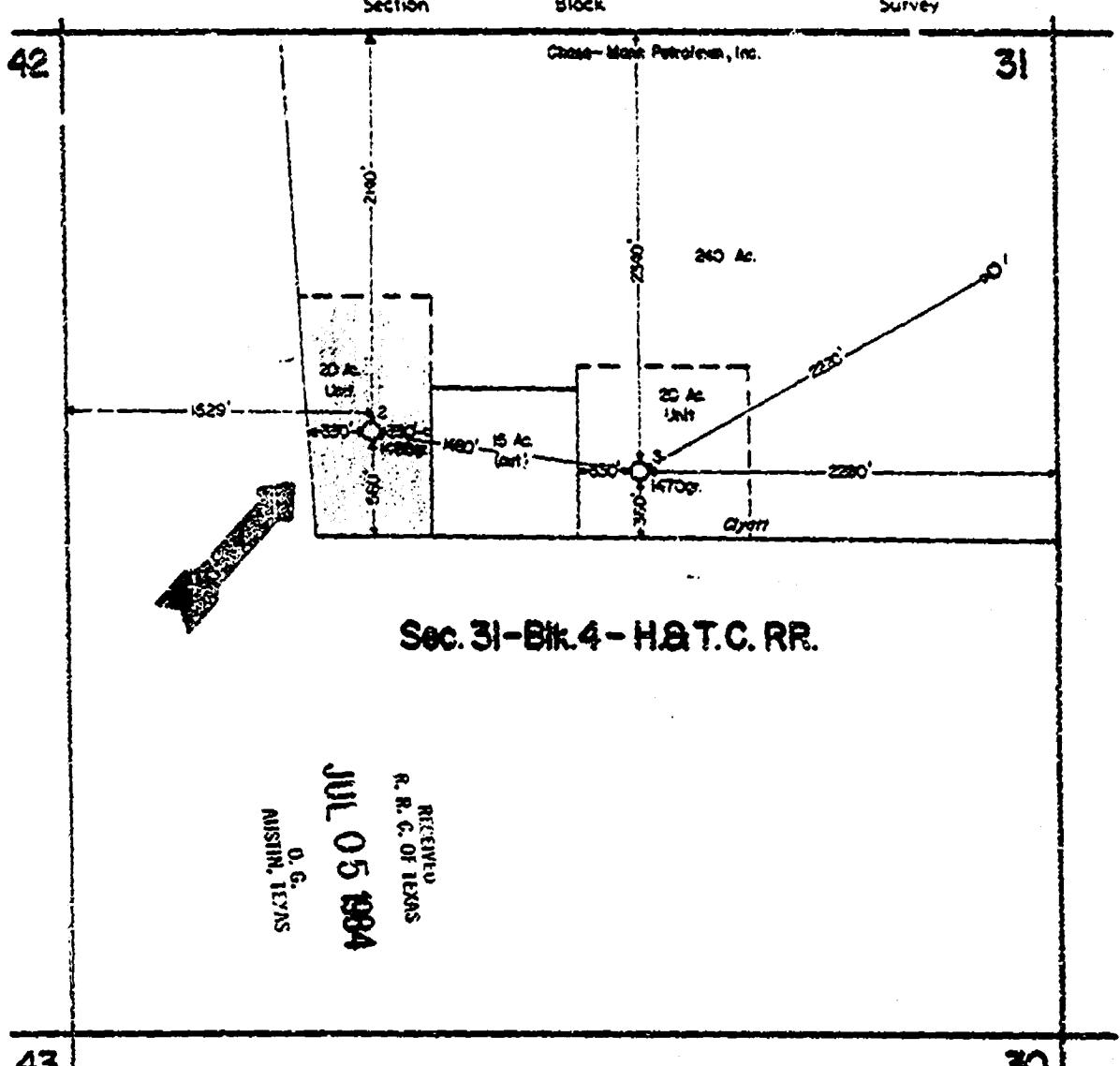
000114 6367

PLAT SHOWING
PROPOSED NEW WELL LOCATION

Eastland County, Texas

Description: 330 FNL - 560 FSL of Lease

2140 FNL - 1629 FNL 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 6282c, 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.

6/27/84

JULY 27 1984

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.

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. 8/1/83
483-000

78-21893

Purpose of filing (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. ► 234927

Rule 37 Case No. ►

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 No. (Exactly as shown on RRC 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.

Number of acres in drilling unit for this well

OUTLINE ON PLAT.

19.

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

20.

Distance from proposed location to nearest applied for, permitted, or completed well (if any) on lease to this reservoir

Oil, gas, or other type well (Specify)

21.

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

OIL GAS

22.

Lease/Unit

330' FWL 330' FSL

23.

Survey/Section

1680' FWL 2370' FNL

24.

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

• Lease/Unit

• Survey/Section

25.

If subject to Rule 36, is Form H-9 filed?

Yes

No

26.

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

Remarks

27.

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

Richard C. Cameron

President

Signature

3-19-84

Name and title of operator or representative

(817) 732-0672

Date: mo. day yr.

tel. Area Code Number

* RRC Use Only *

218198 APR 6 '84

75239554

MAPPING

35197

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

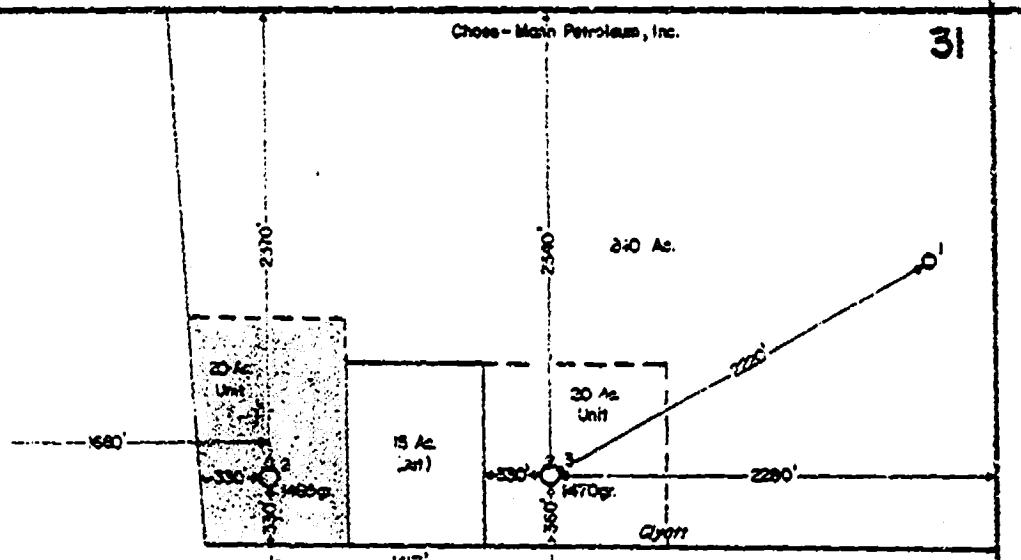
Section

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

Operator: Chase - Mann Petroleum, Inc.

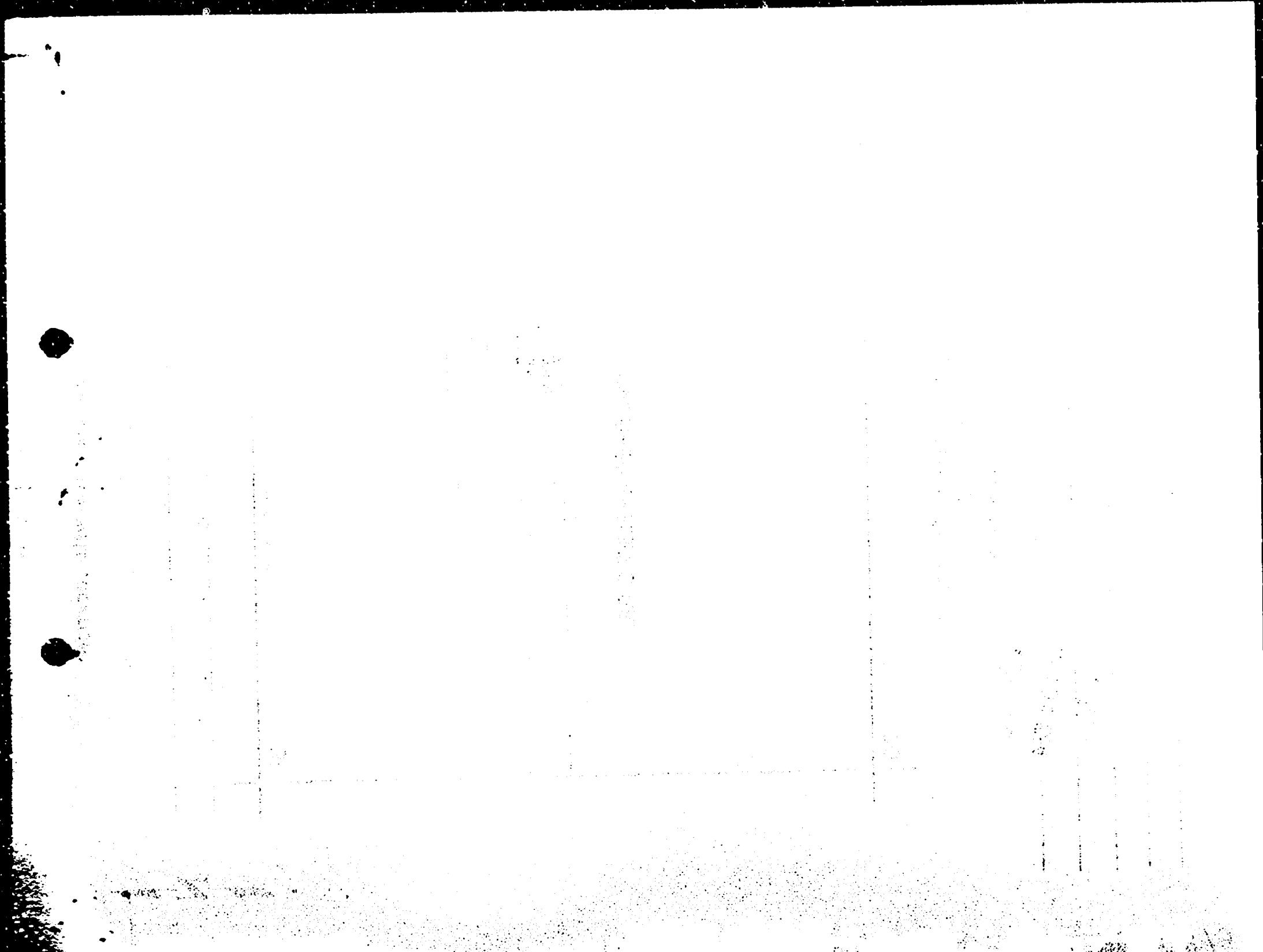
Lease Name: M. A. Civat

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

RAILROAD 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. Previous
Well No.

21393

3

10. County of well site

Eastland

11. Purpose of filing

Initial Potential

Re-test

Re-class

Well record only
(explain in Remarks)

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

1. Filing number assigned by RRC Records of whatever	2. LEASE NAME	M. A. Clyatt		
3. OPERATOR'S NAME (Exactly as shown on Annual Organization Report)	RRC Operator No.			146688
4. ADDRESS	146688			10. County of well site
310 Ridglea Bank Building, Fort Worth, TX 76116				Eastland
5. If Operator has changed within last 60 days, name former operator				11. Purpose of filing
6a. Location (Section, Block, and Survey) A-212	6b. Distance and direction to nearest town in this county. Sec. 31, Blk. 4, H&TC RR Co. Surv. 3 miles NW of Eastland			Initial Potential <input checked="" type="checkbox"/>
12. If workover, reclass, give former field (with reservoir) & gas ID or oil lease no.	GAS ID or OIL LEASE #	OIL - O Gas - G	WELL NO.	Re-test <input type="checkbox"/>
FIELD # RESERVOIR	---	---	---	Re-class <input type="checkbox"/>
13. Type of electric or other log run	14. Completion or recompletion date			Well record only (explain in Remarks)
Dual Induction, Comp. Density	11-15-84			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 annual lease assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (State Rules, 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
3929
234925
13(A) Exception 175
Surface 6 ft
Date 4-10-84
RECEIVED
R.R.C. OF TEXAS
NOV 30 1984
Signature: Well Tester
Name of Company
RRC Representative
Return to
Central

OPERATOR'S CERTIFICATION
I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted my supervised (a) 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.

Richard A. Cameron CHASE-MANN PETROLEUM
Signature: Well Tester
Name of Company
RRC Representative
Return to
Central
President
Title of Person
Telephone Area Code Number Date mo. day year Signature
(817) 732-0672 11 / 27 / 84 133-35795

6/1/3 @ 5 PM 11/23/84 1-88
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 Tools by	
No		FIELD & RESERVOIR		OIL LEASE	Gas-C	X	
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 _____							

005314637

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

Form W-12
(3-4-71)

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

RECORD OF INCLINATION

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 ~~14~~ ¹⁵ numbers on this form.

SIGNATURE OF AUTHORISED REPRESENTATIVE

Jerry McDonald, Asst. Drilling Supt. *RECEIVED
C. OF*
Name of Person and Title (type or print)
Bandera Drilling Company, Inc. No. .

Name of Company NOV 30
Telephone: 915 676-5591

Required Commissions Use Only:

Approved By: Marilyn J. Borcik

* Designates items certified by company that conducted the inclinations.

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 (*) on the item numbers on this form.

Signature of Authorized Representative

Richard A. Cameron, President

Name of Person who Filed the Case or Petition

Chase-Mann Petroleum, Inc.

Digitized by srujanika@gmail.com

Telephone: 817 732-0672

Auto Codes

Required Commissions Use Only:

Approved By: Marilyn J. Borcik

* Designates items certified by company that conducted the inclinations.

RECORD OF INCLINATION (Continued from reverse side)

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
483-645

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 NOV 30 1984
	Height (ft.)	>						
Total	Volume (cu. ft.)	> 108						483-645 ABOVE TEXAS
	Height (ft.)	> 479.7						
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?	YES							
22. Remarks								

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	46 Gal, 5000 ft, 34 Gilsonite, .75% D-31 RECEIVED R.R.C. ON 8/20/63 NOV 3 1963 100% G.S. 100% T.D. 46 Gal, 5000 ft, 34 Gilsonite, .75% D-31 8-20-63						

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 plugged (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.

2. Address (including city and zip code)

310 Ridglea Bank Building
Fort Worth, TX 76116

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)

Completion depth	Spacing pattern (ft.)	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? If so, explain in Remarks.	19. Distance from proposed location to nearest applied for, permitted, or completed well in this lease. If so, explain in Remarks.	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.
3940	933 ✓	20 ✓	20 ✓	NO	1480	Oil Gas ✓ 2	

22. Perpendicular surface location from two nearest designated lines:

- Lease/Unit 360' FSL and 2280' FEL
- Survey/Section 2340' FNL and 2280' FEL

23. Is this a pooled unit?

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

No

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

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.

Remarks

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

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

• Lease/Unit

• Survey/Section

24. Is Item 17 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.

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 *

209231 12/3/84 ✓

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

N 20 1 1 4 6 3 7 5

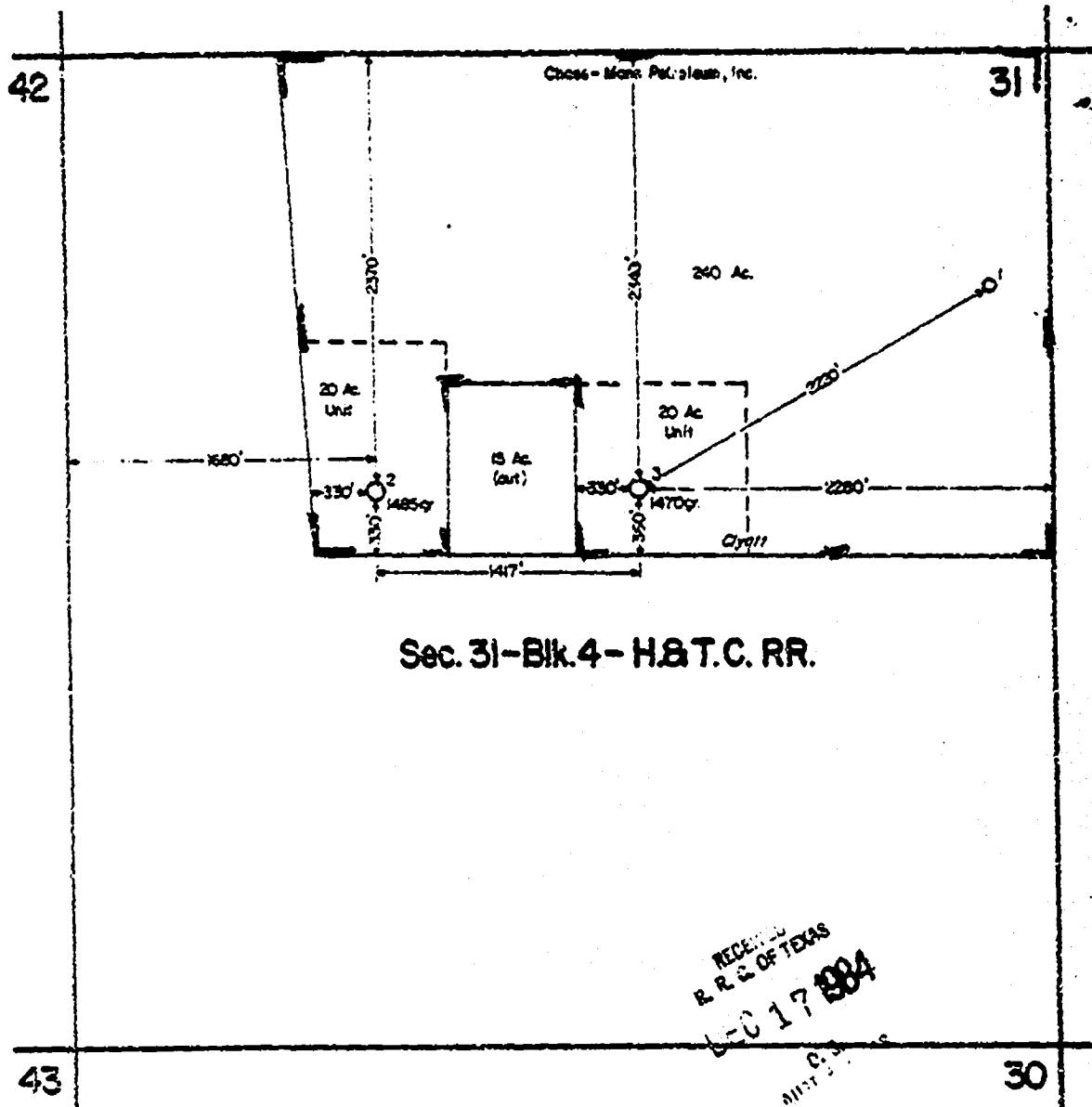
PLAT SHOWING
PROPOSED NEW WELL LOCATION

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



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

Abilene Well Elevation Service, Inc.

5757 Holiday

Abilene, Texas 79605

Scale 1"=1000'

Date Staked 12/6/83

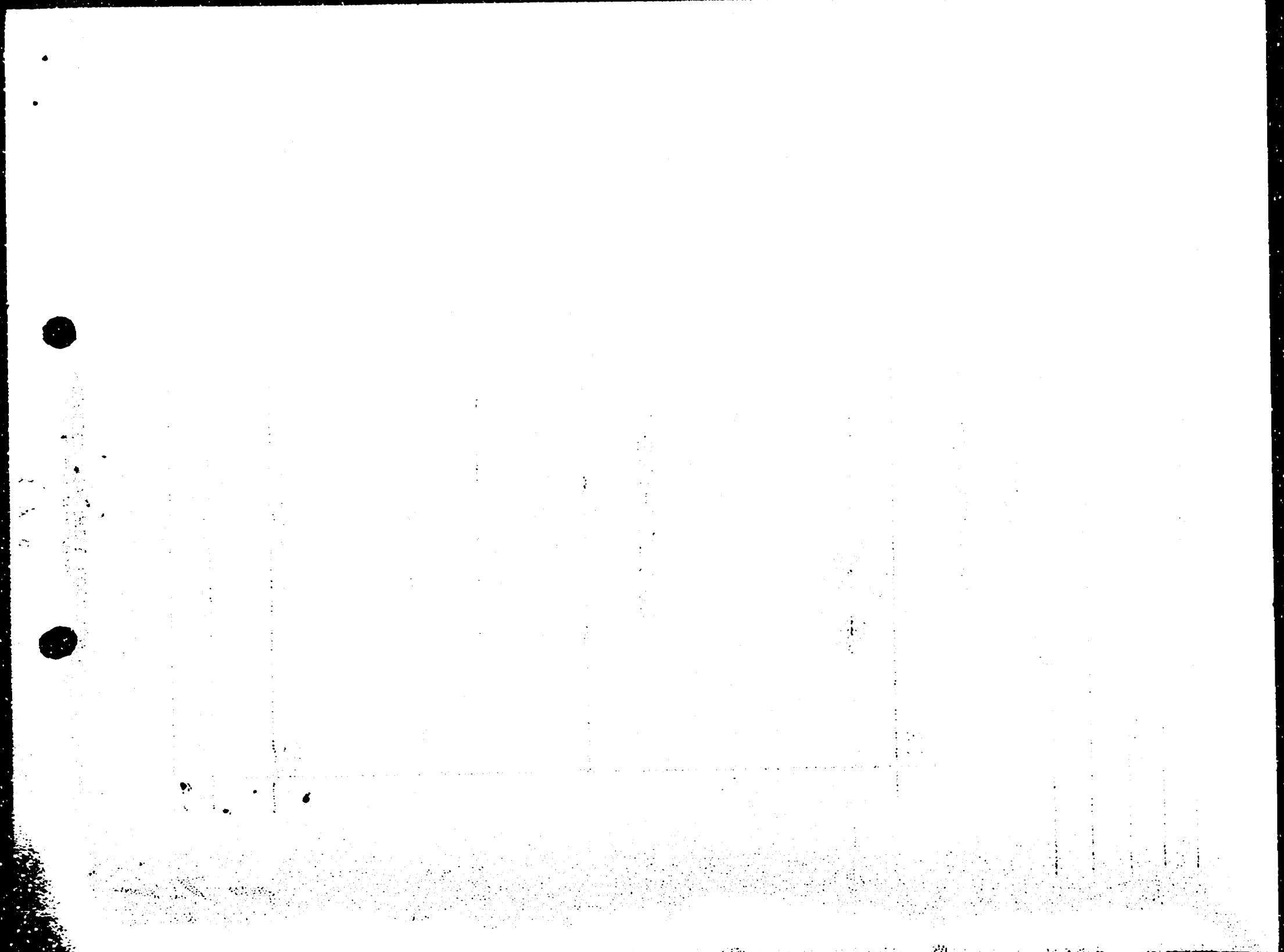
Operator Chase - Mann Petroleum, Inc.

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
P. Cameron (Marble Falls)
and/or
Wildcat **00014001**
McCormick (Ellenburger) **39097500**

Completion depth	Spacing pattern (ft.)	Density pattern (acres)	17. Number of acres in drilling unit for this well. OUTLINE ON PLAT.	18. Is this acreage assigned to an other well on this lease or in this reservoir? If so, explain in Remarks.	19. Distance from proposed location to nearest applied for, permitted, or completed 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.	Oil	Gas
3400	933	20	20	No	1417	Oil, Gas	3	-	
4000	933	20	20	No	1417	Oil, Gas	3	-	
3900	933	20	20	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

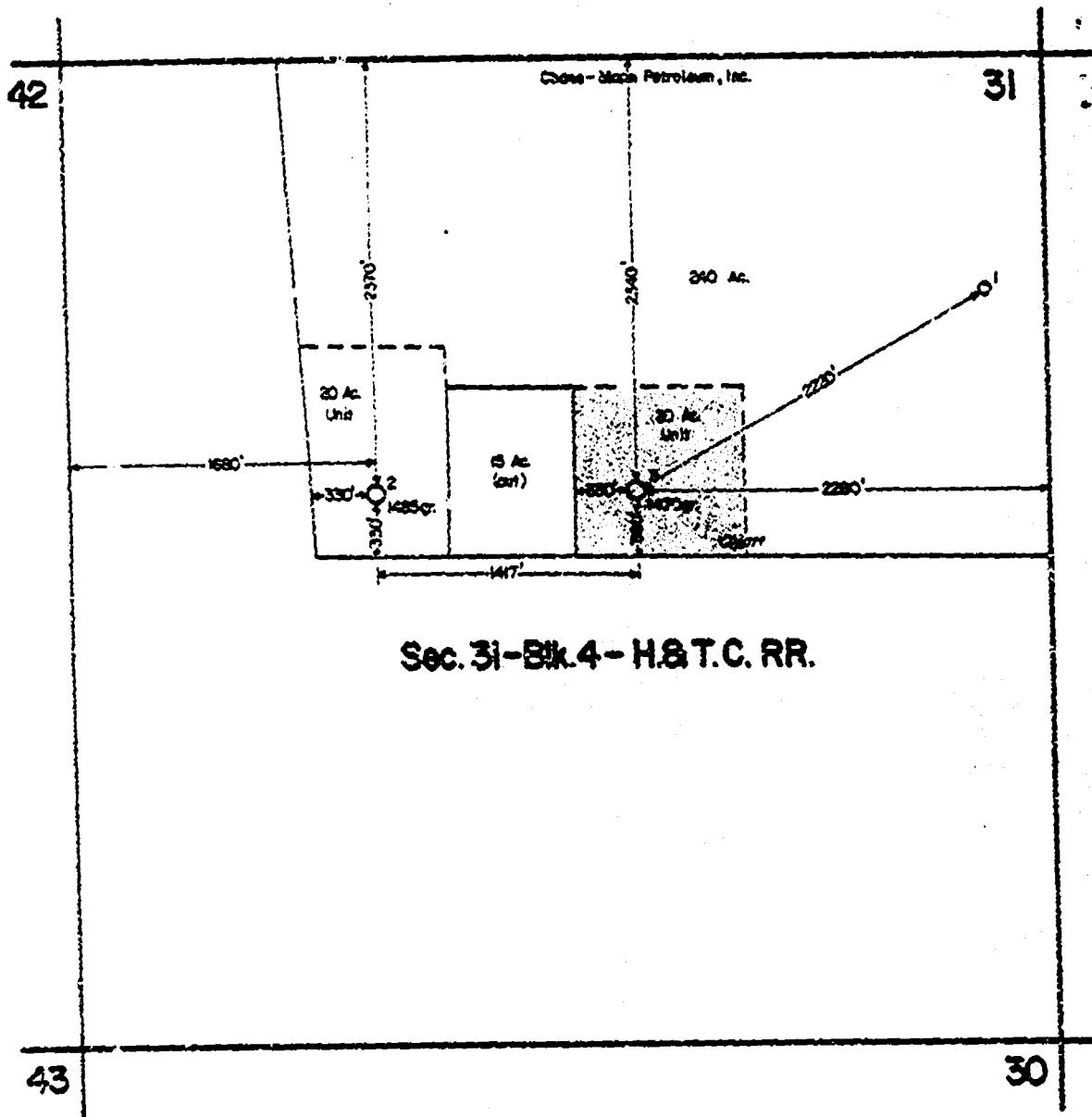
**PLAT SHOWING
PROPOSED NEW WELL LOCATION**

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

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

Date Staked: 12/6/83

Operator: Chase - Mann Petroleum, Inc.

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, Room, Suite, P.O. Box, etc.) _____
County _____
City _____ State _____ Zip _____
Phone Number _____
Email Address _____
Fax 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

7B-21893

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

V231/Chd

► Read Instructions on Back

Purpose of filing (mark appropriate boxes):

- Drill Deepen (below casing)
 Directional Well Sidetrack

- Deepen (within casing) Plug Back Re-Enter

Enter here
if assigned:

NTIN.
42-133 35797

Permit No.
294570
211922

Rule 37 Casing No.
98839

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

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 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

(DRAW 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.

15044-306

Cameron Two (Duffer Lime)

14.

Completion depth

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 applied for, permitted, or completed well, 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

15044-700

P. Cameron (Marble Falls)

3960

933

330

✓

20

✓

20

No

1520.5

Oil,

Gas

3

15044-500

McCormick (Ellenburger)

3400

933

330

✓

20

✓

20

No

1520.5

Oil,

Gas

3

12. Perpendicular surface location from two nearest designated lines:

• Lease/Unit 289.5 FWL & 529.8 FSL

• Survey/Section 1588.5 FWL & 2177.79 FSL

13. Perpendicular surface location from two nearest designated lines:

• Lease Unit

• Survey/Section

14. Is item 17 less than item 16 (substantially 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

23. Is this a pooled unit?

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

No

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

26. Do you have the right to develop the minerals under:

any right-of-way that crosses, or is contiguous to, this tract?
If not, and if the well requires a Rule 37 or 39 exception,
see Instructions for Rule 37.

Yes

No

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.

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

Richard A. Cameron

Signature

Richard A. Cameron, President

Name and title of operator's representative

2-15-85

Date

mo

day

yr

(817) 732-0672

Area Code Number

21

1985

• RRC Use Only •

216372

44-1182

0 0 0 1 1 4 6 3 7 9

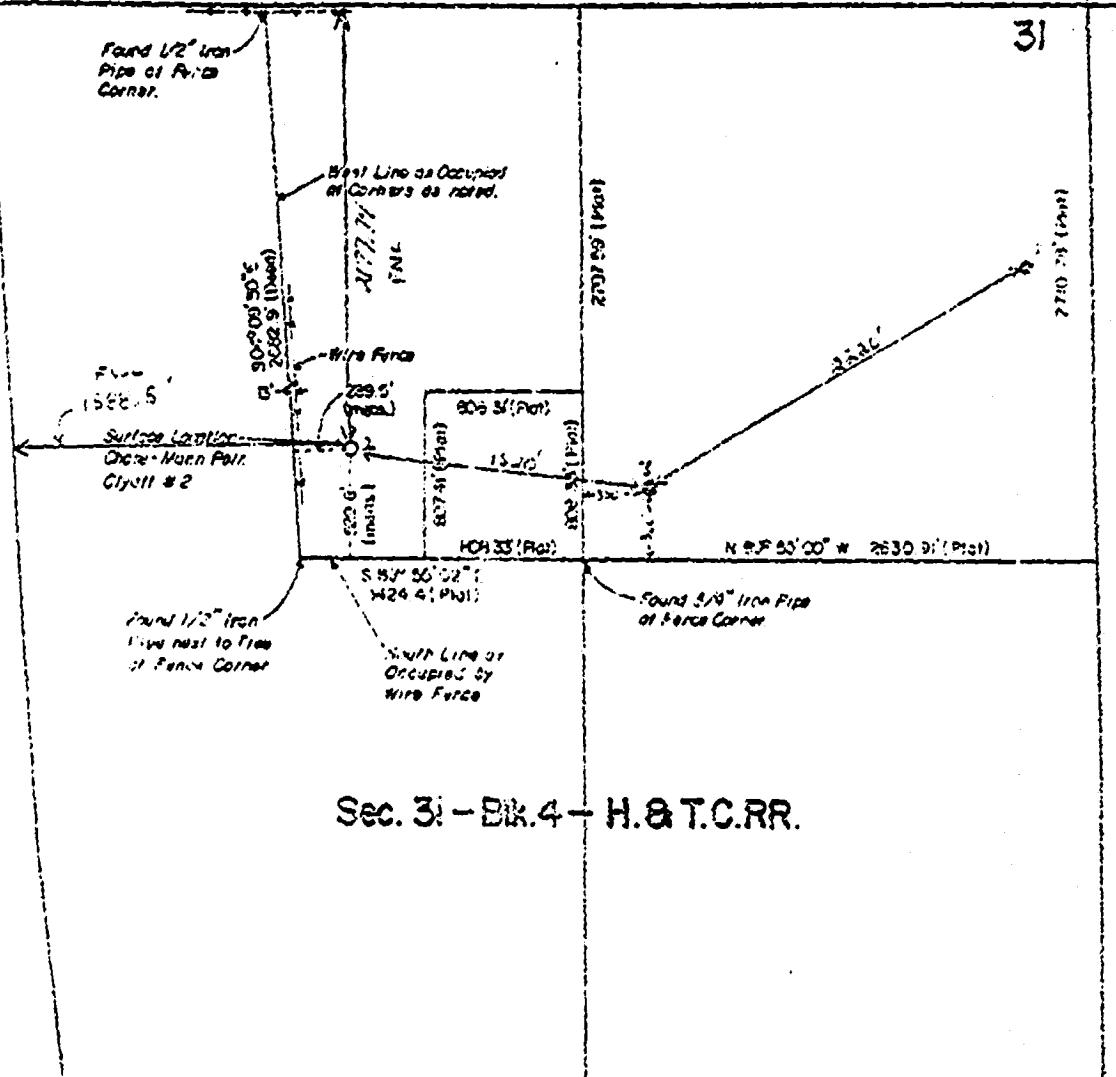
41

1601.19 (Plot)

1591.19 (Plot)

32

42

Found 1/2" Iron
Pipe at Area
Corner.

31

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 plat of the area by Richard Johnson, Eastland County Surveyor on 10-3-84 (supplied by Richard Cameron). The plat hereon drawn is a summary of this information.

Kenneth B. Wenagus

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

(I) have superimposed the other wells, tanks, locations and structures in "blue". This should include all w-w-2 requirements, which were furnished on March 10, 1985. Richard S. Cameron

SCALE 1"=1000'

