



Form P-4

Oil and Gas Division RRC District No Producer's Certificate of Compliance and Authorization to Transport Oil and/or 7В Casinghead Gas from an Oil Lease or Gas and/or Condensate from a Gas Well Oil Lease No 21893 Gas Well ID No Field Name (as per RRC records) Lease Name M. A. Clyatt Cameron Two (Duffer Lime) Gas Well No Operator's Name Bryan Heflin Exploration, Inc. Effective Date
June
May 31 Address 1<u>986</u> P.O. Box 158 County City, State, Zip Code Strawn, TX 76475 Eastland Distance and Direction to nearest town in this county Location (Section, Block, and Survey) 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. RRC USE ONLY Name Intrastate INDICATE Interstate MARKET ElPaso Hydrocarbons (pany X Address Gas Well Gas Gatherer P.O. Box 1492 100 Full Well Stream X Purchaser City, State, Zip Code of the ElPaso, TX 79978 Χ Casinghead Gas Nominato INDICATE MARKET Name RRC USE ONLY Intrastate Int<u>erst</u>ate 1 1 Address Gas Well Gas Gatherer Full Well Stream Purchaser City, State, Zip Code of the Casinghead Gas Nominator Int<u>ers</u>tate Name RRC USE ONLY INDICATE Int<u>rast</u>ate MARKET Address Gas Well Gas Gatherer Full Well Stream Purchaser City, State, Zip Code of the Casinghead Gas Nominato OIL OR CONDENSATE GATHERER REC USE ONLY Name Tesoro Crude Oil Company X Oil Address 100 % 8700 Tesoro Drive Condensate City, State, Zip Code of the San Antonio, TX 78286 RRC USE ONLY Name Address Oil of the Condensate City, State, Zip Code INDICATE PURPOSE OF FILING New Oil Lease or Gas Well Form W I (Application for Permit to Drill, Deepen or Plug Back) filed in the name of Operator FOR RRC USE ONLY Change of Nominator Change of Purchaser Change of Gatherer Field No (hange field name from . Chase-Mann Petroleum, Inc. X Change operator name from _ Change lease name from -Approved (onsolidation or subdivision of lease (Attachments required - See instructions) J.C. Bouldin / 7/ 85 1 Previous Form P 4 approval date if filed (or prior SW 1 number) = day SW I Number or Date JUN 18 1986 REMARKS AUTHORIZATION BY CURRENT OPERATOR 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

No Signature

Title

A/C & Telephone No (817) 672-5527 A/C & Telephone No OPERATOR NAME CHANGE (Acknowledgment required on changes of operator) The undersigned being the previous operator has transferred operating responsibility on the above prop Chase-Mann Petroleum, Inc. Signature McMark Previous Operator Cameron

TX 76116

_ Title _

Date

310 Ridglea Bank Building

Fort Worth,

Address _

City State

器 Zlp Code

Area Code & (817) 732-0672

President Ju

5-30-86

GAS GATHERER, PURCHASER, A NOTE: The names of all three of the above mus		or all gas sold.	
Name	RRC USE ONLY	INDICATE Inter MARKET	rstate Intrastate
Address		Gas Well Gas	Gatherer
City, State, Zip Code	of the	Full Well Strea Casinghead G	
Name	RRC USE ONLY	INDICATE Inter	state Intrastate
Address		Gas Well Gas	Gatherer
City, State, Zip Code	of the	Full Well Strea	
Name	RRC USE ONLY	INDICATE Inter MARKET	state Intrastate
Address	2	Gas Well Gas	Gatherer
City, State, Zip Code	of the	Full Well Strea Casinghead G	
OIL OR CONDENSATE GA	THERER		
Name		RRC USE ONLY	
Address			Oil
City, State, Zip Code		of the	Condensate
Name		RRC USE ONLY	
Address			Oil
City, State, Zip Code		of the	Condensate

INSTRUCTIONS

- 1. 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
- 2. 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.
- 3. 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.
- 4. 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.
- 5. 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 lease(s), 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.)
- 6. 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.
- 7. 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

RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

FORM W-3 Rev. 10/78

						API (if a	NO. Ivailable)	2-133	35 7 97	7RRC Dispric	В
	FIL		CATE WITH DISTRIC			DISTRICT	IN WHI		4	RRC Lease	
2 1541	ETD NAME	E (as per RRC Re		3. Leas						Vell Number	
		Two/Dufi	\		1. A.	CLYATT	ļ.			2	ĺ
	PERATOR	TWO DUTT	er Trme			-1 Filed in			10.	County	
1		יובד דאז דייעדר (DAGITONI L	"		n PetA			and E	CASTLAND	-
7 86	DPESS	FLIN EXPLO	RATTON, CAC			W-l's Filed		f		Date Drilling	4-9-
7. AD	Boy	158 Strau	vn, Tx. 76475	35				560		Permit Issue	4
8. Lo	cation of W		Vearest Lease Boundaries	2140 Fe	et From W	est Li M.A. C	ne and 62	Feet I	rom 12.	234927	er
9a∕SÉ	CTION. BI	LOCK, AND SUR		9b. Dista	nce and Di	rection From		Lease own in this	13.	Date Drillin	3
/	\ \		RR A-212	3°M	ty NW f	rom Ea	stland	3	1 8	3-11-84	
6 Tu	ne Well	Total Depth 12	V. If Multiple Completion Li				r Gas ID N	o,'s		Date Drillin	ζ,
011	l, Gas, Dry)	3880	- "			GA	S ID or	Oil-O WE	LL	Completed.	-84
		of Cond. on				012			15.	Date Well P	lugged
		of Plugging								_10-23-	-86
<u></u>		TO DI UC AND	ARANDON DATA.	DI IIC #	PLUG B	PLUG #4	PLUG # 4	PLUG #	PLUG#6		
			ABANDON DATA:				. 200 # 4	10-20-		1.200	. 200 :: -
	menting Da			10-23		10-23		1	14		
20. Siz	ze of Hole	or Pipe in which	Plug Placed (inches)	7 7/8	p-r	8 5/8	A112	4/2		_	
21. De	pth to Bott	om of Tubing or I	Orill Pipe (ft.)	700	276	15	CIBI	-3208		_	Λ
22. Sac	cks of Cem	ent Used (each p		45	45	5		2			
23 S1u	urry Volume	Pumped (cu. ft.)	THELT PLANTED A	TIDI\$3.1	53.1	5.9		2.4			1/1
		op of Plug (ft.)		540	126	3		3/88		141	///\\`
		of Plug (if tagge	ed) (11.) [[F] 1 2 1986								1 th
	urry Wt. #	-	way (any) july 1 to to 10.11	15.6	15.6	15-6		15.6		///	/
				H	TT	H		4		1	
	pe Cement				Π 29, ₩	as any Non-	Drillable M	laterial (Othe	r	Yes	X No
	WT. #/FT.		RD AFTER PLUGGING	HOLE SIZE		an Casing)				of ''junk'' le	
1 ¹ / ₂	/8		205	† †		1:1 A Tr	'D 2000-			7	0-0
		<u></u>		**		WAIL	k bimal	LETTER	DATED		00
30 LI			OOR PERFORATED INTE	ERVALS		Deot.	<u> </u>			1115	
FROM	M 37	<i>'</i> 02	то 3709		FR	OM -F			0	///	_ft.
FROM	M 3	z52	TO 3298		FR	OM 13/A	Fycas		0		
FROM	M		то		FR	ОМ) LALER	cton Det	46		
FROM	M		то		FR	OM Suns	aca Cac	T T	0	200	,
FROM			то		FR	ом	are cas	ing	00	<u> 205</u>	ft.
I have	knowledze	e that the cement	ing operations, as reflected by Cementing Company. I	l by the informatems not so d	nation found lesignated s	d on Mistor shall be com	n @ were per plet ed by C	formed as in	dicated by	y such inform	ft.
Λ	4/11	1/1/	11111			FLEET C	EMENTE	RS, INC.			
	12 10	17/11/11				me of Cemer					
Signafú	ire of Ceme	enter or Authorize	d Representative		No	ille of Cemer	aring Comp	ully			
	I decla report v	FICATE re under penaltic was prepared by n best of my know	es prescribed in Sec. 91.143 ne or under my supervision : ledge.	3, Texas Natu and direction,	iral Resoure	ces Code, th ata and fact	at I am auti s stated the	horized to ma erein are true	ke this re	eport, that thi and complete	s ,
, 7	JK	Buch	1 _								
/ /	_ /, f	Boucher		Prod.	Sunt					817 672	-5577
18/	ل مدد م		E COMPANY	<u> </u>	TITLE	- 11 5 n	DAT	E '	none	4/C N	UMBER
W.						C OFTEXAS		# £ ∂\ £	IVED	''	
W.		ESENTATIVE O	r Compani					R.R.C)	FTEXAS	;	, y x 2
V.	REPR				NOV	7 198			ETEXAS	. 1	N).
SIGNA	REPR		E OF RAILROAD COMMI	SSION	NOV	€ 7 198		NOV 1	e téxas 2\1986		
SIGNA	REPR	EPRESENTATIVI		SSION	NOV	7 198			ETEXAS 2\1986 TEVAS		A Comment of the second

31. Was Well filled with according to the re-	h Mud-Laden Fluid,	X Yes 32. Ho	w was Mud Applied?	33.	Mud Weight
Railroad Commission		No	Pump	ļ	9.2 LBS/GA
34. Total Depth 3880	Other Fresh Water Z TOP	ones by T.D.W.R. BOTTOM	35. Have all Abandoned Wells on this Lease according to RRC Rules?	been Plugged	Yes No
Depth of Deepest			36. If NO, Explain		
Fresh Water 175			,		
37. Name and Address	of Cementing or Servi	ce company who mi	xed and pumped cement plugs in this well	Date RRC D	istrict Office
Fleet Cement	ers P.O. Bo	x 231 Ciso	со. Тх 76437	notified of p	lugging -06
38. Names and Address	es of Surface Owner	of Well Site and Op	CO TX 76437 erators of Offset Producing Leases		
39. Was Notice Given E	Sefore Plugging to Ea	ch of the Above?			
FILL IN BELOW FOR	DRY HOLES ONL	Y			
40. For Dry Holes, this released to a Comm		panied by either a l	Driller's, Electric, Radioactivity or Acoustical/S	Sonic Log or such	Log must be
Log	Attached	Log released to		Date	
Type Logs:					
Dril	ler's	Electric	Radioactivity	Acousti	cal/Sonic
41. Date FORM P-8 (S	pecial Clearance) Fi	led?			
42. Amount of Oil produ	sed prior to Pluggins			·	
* File FORM P-1 (O			was produced		
RRC USE ONLY			7		
Nearest Field					_
REMARKS					

.

c

•

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

RAILROAD COMMISSION OF TEXAS

Form W-15 Cementing Report Rev. 4/1/83 483-045

Oil and Gas Division

1 Operator's Name (As shown on Form P-5, Organization Report) Bryan Heflin Exploration, Inc.	2 RRC Operator No 373492	3. RRC District No 7-B	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 - 1335 7 9 7	7 Drilling Permit No 234927
8 Lease Name	9 Rule 37 Case No	10. Oil Lease/Gas II	D No 11 Well No
CLAYATT		21893	#2

CASII	NG CEMENTING DATA	7 :	SURFACE CASING	INTER- MEDIATE	PRO C	DUCTION ASING	MULTI-S CEMENTING	TAGE PROCESS
				CASING	Single String	Multiple Parallel Strings	MULTI CEMENTIN Tool	Shoe
12. C	ementing Date							
13	Drilled hole size							
	Est % wash or hole er	nlargement						
14 S	size of casing (in OD)							
15 T	op of liner (ft)							
16 S	Setting depth (ft)							
17 N	lumber of centralizers t	used						
18 H	irs waiting on cement	before drill-out						
Ļ	19 API cement used:	: No of sacks		•	3			ŧ
1st Slurry		Class						
1st		Additives		*				
ķ		No. of sacks						
1 Slurry		Class						
2nd		Additives						
<u>ţ</u> .		No of sacks						
3rd Slurry		Class						
3rc		Additives						
#	20 Slurry pumped	Volume (cu ft)						
1st		Height (ft)						
		Volume (cu ft)						
2nd		Height (ft)						
3rd		Volume (cu ft)						
S		Height (ft)					REGER R.R.C. OF	t D
Tel		Volume (cu ft)						
Total		Height (ft)					NOV 12	1986
21 \	Was cement circulated (or bottom of cellar) out	to ground surface					O.G.	

Set $4\frac{1}{2}$ " SIE Cast Iron Bridge Plug @ 3208'. Dump Bailer Service To Dump 2 Sacks Of Cement @ 3208' For Fill Up Of 20'.

CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
23. Cementing date	10-20-86							
24. Size of hole or pipe plugged (in.)	4½" CSG.							
25. Depth to bottom of tubing or drill pipe (ft.)				ç				
26. Sacks of cement used (each plug)	2 SKS.							ı.
27. Slurry volume pumped (cu. ft.)	1						4 E	K.
28. Calculated top of plug (ft.)	3188'					,		
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)			٠					
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.

· · · · · · · · · · · · · · · · · · ·	WEAVER	SERVICES, INC	., DBA // //		
ROBERT MORSE, OPERATOR	WSI CAS	ED HOLE SPECI	ALIST MALE	1 11 11 11 11	
Name and title of cementer's representative	Cementing	Company	Signature		
				4	
RT: 1 BOX 371	SNYDER,	TEXAS 79549	<u>(915) 573-3948</u>	10-20-86	
Address	City,	State, Zip Code	Tel.: Area Code Number	Date: mo. day	yr.
OPERATOR'S CERTIFICATE: I declare under penal certification, that I have knowledge of the well data and true, correct, and complete, to the best of my knowle	d information p	resented in this report,	and that data and facts prese	at I am authorized to make this nted on both sides of this form are	
W. K. Boucher	Prod.	Supt.	Wan	da Tockett	· 1
	CT-1-1		01-4 1		/

Typed or printed name of operator's representative

P.O. Box 158

Strawn, Tx.

City. State, Zip Code

Signature

70 K Box Chir.

11-11-86

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

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.

RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

FORM W-3Rev. 10/78

	71110	WIS DIV								
T			API (if a	NO. vailable XL	2-1333	579	5 ^{1. k}	RC Distric	t .	
FILE IN DUPLICATE WITH DISTRICT	OFFIC	E OF F						<u>7-</u> B		
WELL IS LOCATED WITHIN THI					011			RC Lease	1893	
2. FIELD NAME (as per RRC Records)	3. Leas						5. V	Vell Numbe	r -	
Cameron Two Duffer Lime]	M.A.	CLYAT		,		10.	3		
Busin HEFLIN EXPLORATION, Inc	6a: Origin	nal Form W	-1 Filed in Iann Pe	Name of			i	County ASTLAND	,	
4. ADDRESS			W-1's Filed		corp.		ļ	Pate Drillin Permit Issu		
	1 .	360					I	ermit Issu 4–9–{	ed 34	
P.O. Box 158 Strawn, Tx. 76475 8. Location of Well, Relative to Nearest Lease Boundaries of Lease on which this Well is Located	74Q Fe	et From			280 Feet		12. F	Permit Num	بامم	1925
			East /			,	13, I	32492 Date Drillin	ıg	123
9a. SECTION, BLOCK, AND SURVEY SECTION, BLOCK, AND SURVEY A-2/2 SECTION, BLOCK, AND SURVEY A-2/2	Coun	tv	NW of				(Commenced	6-84	
10. Type Well Total Depth 17. If Multiple Completion List	All Field	Names and	Oil Lease o	r Gas ID No	o.'s	ELL	14. I	Date Drillin Completed	ıg	
//Oi7 / 14,000						#	!]]_]5 Date Well F	84.	
18. If Gas, Amt. of Cond. on Hand of time of Plugging							15.1			
	DI 110 # 4	PLUG #3	DLUC #A	BL 11C # 4	PLUG #	PL UC	# 4	10-23-	PLUG #8	
100	PLUG # 2 10-23	10-23	10-23	PLUG#4	10-20		, ,, 0	1 2 0 8 7	1 200 # 0	
*19. Cementing Date 20. Size of Hole or Pipe in which Plug Placed (inches)		77/8-898			41/2	, <u> </u>				
21. Depth to Bottom of Tubing or Drill Pipe (ft.)	700	278	15	CIBP	-33/0					
*22. Sacks of Cement Used (each plug)	45	45	5		Z				a A	
*23. Slurry Volume Pumped (cu. ft.)	53.1	53.1	5.9		2.4				6/	
*24. Calculated Top of Plug (it.)	^V 540	126	3		32.90				286	,
25. Measured Top of Plug (if tagged) (ft.) *26 Slurry Wt. #/Gal.	15.6	15.6	15.6_		15.6		. .		20	
*27. Type Cement	H	н	H		A			1		
28. CASING AND TUBING RECORD AFTER PLUGGING		29. W	as any Non- an Casing)	Drillable M Left in This	laterial (Oth s Well	er		Yes	☐ No	
SIZE WT. #/FT. PUT IN WELL (ft.) LEFT IN WELL (ft.) HO	LE SIZE	n.) 29a. If	answer to and briefly de	bove is "Ye	es'' state de drillable ma	pth to	top o	f ''junk'' 1 e Reverse	eft in hole Side of	
XX 24 228 208	13/14	F	orm if more	space is nee	eded.)					i
4.5 9.5 3907	1118							/ /		/
			WATER	BOARD	LETTER	DATE	D 4	1-10	-84	Í
30. LIST ALL OPEN HOLE AND/OR PERFORATED INTERV	/ALS							1115	-	1
FROM TO) FR	_{ом} Depta			ro	\angle	_/	ft.	
FROM TO		FR	^{ом} 13/41	Firest	tous Dark	O				
FROM TO		FR	ом 13(71,	ENCOMP C	(See Dell's)	ro		- 00		
FROM TO			om Surfa	ce Casi	ng	ro o	6	128	ft.	
FROM TO	l .		ОМ	^						
I have knowledge that the cementing operations, as reflected by * Designates items to be completed by Cementing Company. Item	the information to the contract of the contrac	nation foun esignated s	d on this for shall be com	M , were per ple ted by O	perator.	dicate	ару	such inform	TEON.	
2 / /										
NEAL CARRELINI		F	LEET CE	MENTERS	. INC.					_
Signature of Cementer or Authorized Representative			me of Ceme							
CEPTIFICATE				_		alea thi		ort that th	ie	
I declare under penalties prescribed in Sec. 91.143, T report was prepared by me or under my supervision and	exas Natu direction,	rai Resour , and that d	ata and fact	s stated the	rein are tru	e, corre	ect, a	nd complet	е,	
to the best of my knowledge.										
XWK. Boucher 1			_		0.0					
	Prod.	Supt.		<u> </u>	<u>86</u>	Phone	E 1 8 2	17 67 4	SUMBER 7	•
REPRESENTATIVE OF COMPANY		11166	0262	HEU	_	RRC	OF T	XAS		
			P 8 C 0	f IEXAS	Mr	N/ 1	9/	1000 /	M.	×
SIGNATURE: REPRESENTATIVE OF RAILROAD COMMISSION	ON		NOV 1	7 1986	* 4 %	* .L	1	1	$\langle V_{C} \rangle$	
,						9	.G.	. \	n : 🦟	
			ுதா <u>ர்க்</u>			717		775		
am 14/1/86 133		12.	5つ0	75	10		ノ			
		<u> </u>	ンドア	ン	-10	-				

	h Mud - Laden Fluid, gulations of the	Yes	32. How	v was Mud Applied?	33. Mud Weight
Railroad Commissa	on	No		pli mp	4. 2 Malbs/G
34. Total Depth	Other Fresh Water Zo	nes by T. BOTT		35. Have all Abandoned Wells on this Lease been Plug according to RRC Rules?	gged Yes
Depth of Deepest Fresh Water		1		36. If NO, Explain	-
1.75					
37. Name and Address	of Cementing or Service	e compan	y who mi		e RRC District Office
38. Names and Address	ses of Surface Owner o	f Well Site	and Ope	erators of Offset Producing Leases	10-00-
FLEET (M.ementer	د,′	Po.	Box 231 Cisco, tx 7642	·/ · · · · · · · · · · · · · · · · · ·
					,
	*		*		
39. Was Notice Given E	Before Plugging to Eac	h of the A	bove		
40. For Dry Holes, this	Form must be accomp	anied by e	either a i	Intiler's, Electric, Redinactivity of Acquistical/Sonic Log.	or such Log must be
released to a Comm				Ornller's, Electric, Radioactivity or Acoustical/Sonic Log	
released to a Comm	ercial Log Service.			_	
released to a Comm	ercial Log Service.	Log rele		_	
released to a Comm	g Attached	Log rele	ased to	1	Date
Type Logs. Type Logs. 41. Date FORM P-8 (S	g Attached Iller's Special Clearance) File	Log rele	ased to	Radioactivity	Date
Type Logs. Type Logs. 41. Date FORM P-8 (S 42. Amount of Oil production of the pr	g Attached [lier's Special Clearance) File	Log rele	ased to	Radioactivity	Date
Type Logs. Type Logs. 41. Date FORM P-8 (S	g Attached Iller's Special Clearance) File	Log rele	ased to	Radioactivity	Date
Type Logs. Type Logs. 41. Date FORM P-8 (S 42. Amount of Oil produ File FORM P-1 (O RRC USE ONLY	g Attached Iller's Special Clearance) File	Log rele	ased to	Radioactivity	Date
Type Logs Type Logs 41. Date FORM P-8 (S 42. Amount of Oil produ File FORM P-1 (O RRC USE ONLY Nearest Field	g Attached Lier's Special Clearance) File suced prior to Plugging	Log rele	ased to	Radioactivity	Date
Type Logs Type Logs 41. Date FORM P-8 (S 42. Amount of Oil produ File FORM P-1 (O RRC USE ONLY Nearest Field	g Attached Lier's Special Clearance) File acced prior to Plugging oil Production Report)	Log rele	ectric	Radioactivity bbls* vas produced	Date
Type Logs Type Logs 41. Date FORM P-8 (S 42. Amount of Oil produ File FORM P-1 (O RRC USE ONLY Nearest Field	g Attached Lier's Special Clearance) File acced prior to Plugging oil Production Report)	Log rele	ectric	Radioactivity bbls* vas produced	Date
Type Logs Type Logs 41. Date FORM P-8 (S 42. Amount of Oil produ File FORM P-1 (O RRC USE ONLY Nearest Field	g Attached Lier's Special Clearance) File acced prior to Plugging oil Production Report)	Log rele	ectric	Radioactivity bbls* vas produced	Date
Type Logs Type Logs 41. Date FORM P-8 (S 42. Amount of Oil produ File FORM P-1 (O RRC USE ONLY Nearest Field	g Attached Lier's Special Clearance) File acced prior to Plugging oil Production Report)	Log rele	ectric	Radioactivity bbls* vas produced	Date

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

RAILROAD COMMISSION OF TEXAS

Form W-15 Cementing Report Rev 4/1/83 483-045

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. Cou	inty of Well Site
Bryan Heflin Exploration Inc	3 7 3492	7-B	E.	ASTLAND
Bryan Heflin Exploration, Inc. 5. Field Name (Wildcat or exactly as shown on RRC records)		6. API No.		7. Drilling Permit No
Cameron Two/Duffer Kime		42 133 35 7 9	95	324925
8 Lease Name	9. Rule 37 Case No.	10 Oil Lease/Gas	ID No	11. Well No.
CLAYATT		20585	ļ	#3

CASI	ING CEMENTING DATA	7 :	SURFACE CASING	INTER- MEDIATE	PRO C	DUCTION ASING	MULTI-CEMENTING	
				CASING	Single String	Multiple Parallel Strings		Shoe
12. (Cementing Date							
13	•Drilled hole size							
	•Est. % wash or hole er	nlargement						
14. 5	Size of casing (in OD)							
15	Top of liner (ft)							
16. 8	Setting depth (ft)							
17 1	Number of centralizers (ısed						
18 I	Hrs waiting on cement	before drill-out						
È	19 API cement used	No of sacks						× 4
1st Slurry		Class						
lst		Additives						•
Ę		No. of sacks					· · · · · · · · · · · · · · · · · · ·	
2nd Slurry		Class						
2nc		Additives						
F:		No. of sacks						
3rd Slurry		Class			į			
37		Additives						
1st	20. Slurry pumped	Volume (cu ft)						
ä		Height (ft)						
p		Volume (cu ft)						
2nd		Height (ft)						
rd		Volume (cu. ft)		4				
3.		Height (ft)					RECEI	ED
द्ध		Volume (cu. ft.)						l
Total		Height (ft.)					NOV 12	1986
21.	Was cement circulated t (or bottom of cellar) out	o ground surface side casing?					0 .G.	
	Remarks			1			AMILENE T	TAS

Set 4½" SIE Cast Iron Bridge Plug @ 3310'.

Dump Bailer Service To Dump 2 Sacks Of Cement @ 3310' For Fill Up Of 20'.

					*			
CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
23. Cementing date	10-20-86)		· · ·				
24. Size of hole or pipe plugged (in.)	4½" CSG.							
25. Depth to bottom of tubing or drill pipe (ft.)				^	¢			
26. Sacks of cement used (each plug)	2 SKS.				a.			
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)	3290'							
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)	ا ما							
31. Type cement	~ 4 2 4 5 4						٤	ε

certification, that the cementing of casing and/or the supervision, and that the cementing data and facts pre	placing of ce	ment plugs in this wel	l as shown in	the report was perfo	ormed by me or under my	
certification covers cementing data only.	WEAVER	SERVICES, INC	C., DBA		A WI	
ROBERT MORSE, OPERATOR	WSI CAS	ED HOLE SPEC	ALIST	1 oden	1 / / March	
Name and title of cementer's representative	Cementing	Company	Sign	aturé	1	
RT. 1 BOX 371	SNYDER,	TEXAS 79549	(915) 57	73-3948	10-20-86	
Address	City,	State, Zip Code	Tel.: Area Co	de 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.						
W.K. Boucher	Prod.	Supt.	<u>L</u>	H Ban	e her	
Typed or printed name of operator's representative	Title		Sign	ature		

State, Zip Code

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;

City.

- 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.

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.