

ALBRITTON & MEYER

CONSULTING PETROLEUM ENGINEERS

P. O. BOX 524
MIDLAND, TEXAS
June 6, 1968

SVD-69

1/30/68 27

30 JUN 7 AM 8 42

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Re: American Trading and Production
Corporation, Shell State FMF No. 1
Proposed Salt Water Disposal Well.

Gentlemen:

Please find attached the following material pertaining to the above captioned proposed salt water disposal well.

- (1) Completed New Mexico Oil Conservation Commission Form C-108.
- (2) Plat showing proposed disposal well.
- (3) Land Plat showing all wells within a 2 mile radius of proposed disposal well and the zones they are producing from. Plat also indicates Lessees within this radius.
- (4) Diagrametic sketch showing proposed temporary water disposal installation.
- (5) Electric log on proposed disposal well with tops marked.
- (6) New Mexico Oil Conservation Commission Form C-103.
(Shell Oil Company-State FMF No. 1 Plugging Report)

The proposed salt water disposal well was originally drilled by Shell Oil Company as their State FMF No. 1 in October 1964. The well was subsequently plugged on November 4, 1964. (See attached Plugging Report).

American Trading and Production Corporation would like to receive permission to re-enter and clean out this well to a depth of 3000 feet and set a formation packer at 2495 feet on 2 inch EUE tubing and dispose of

New Mexico Oil Conservation Commission

June 6, 1968

Santa Fe, New Mexico

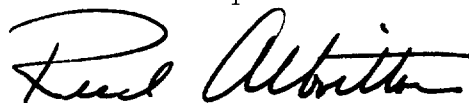
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Bough "C" water on a temporary basis until they are able to adequately test the Bough "C" zone in their New Mexico "19" State No. 1 which they are presently equipping. Should testing of this zone prove positive, they propose to remove the formation packer and run 4 1/2" casing to 3000 feet and make a permanent installation.

If any further information that is not included in the attachments is needed, please call "collect" Reed Albritton - MU 2-3751 - Midland, Texas.

Yours truly,

ALBRITTON & MEYER
Agents for American Trading and
Production Corporation

A handwritten signature in cursive script, reading "Reed Albritton". The signature is written in dark ink and is positioned above a horizontal line.

Reed Albritton

RA/oc
Enclosures

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR American Trading and Production Corporation		ADDRESS P. O. Drawer 992, Midland, Texas 79701	
LEASE NAME Shell State FMF	WELL NO. 1	FIELD Flying "M" San Andres	COUNTY Lea
LOCATION UNIT LETTER H ; WELL IS LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE, SECTION 19 TOWNSHIP 9-S RANGE 33-E NMPM.			
CASING AND TUBING DATA			
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT
SURFACE CASING	8 5/8"	420'	250
INTERMEDIATE	None		
LONG STRING	None		
TUBING	2" EUE	2495'	NAME, MODEL AND DEPTH OF TUBING PACKER Lyne Inflatable Formation Packer
NAME OF PROPOSED INJECTION FORMATION Seven Rivers		TOP OF FORMATION 2505 Feet	BOTTOM OF FORMATION 3000 Feet Approx.
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Yes		PERFORATIONS OR OPEN HOLE? Open Hole	PROPOSED INTERVAL(S) OF INJECTION 2495 - 3000 Feet
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? To Test San Andres for Oil		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? Yes
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH None			
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA Approx. 120 Ft.		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA None	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA San Andres - Approx. 4300 Ft.
ANTICIPATED DAILY INJECTION VOLUME (BBLS.) 200	MINIMUM 350	MAXIMUM Closed	OPEN OR CLOSED TYPE SYSTEM Pressure
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE - Yes		WATER TO BE DISPOSED OF Bough "C"	IS INJECTION TO BE BY GRAVITY OR PRESSURE? No Sample
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Lewis C. Cooper, General Delivery, Kenna, New Mexico		APPROX. PRESSURE (PSI) 800 psi or less	
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL			
BTA Oil Company		Midland, Texas	
Roger Hanks		Wichita Falls, Texas	
Coastal States		Midland, Texas	
Sinclair Oil Company		Midland, Texas	
Pan American Petroleum		Midland, Texas	
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER Yes	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	THE NEW MEXICO STATE ENGINEER Yes
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAY OF AREA Yes	ELECTRICAL LOG Yes	DIAGRAMMATIC SKETCH OF WELL Yes

I hereby certify that the information above is true and complete to the best of my knowledge and belief.


(Signature)

Agent
(Title)

6-6-68
(Date)

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator American Trading and Production Corporation			Lease New Mexico "19" State		Well No. 1
Unit Letter E	Section 19	Township T-9-S	Range R-33-E	County Lea	
Actual Footage Location of Well: 2310 feet from the N line and 990' feet from the W line					
Ground Level Elev. Unknown	Producing Formation Bough "C" (Penn)		Pool Flying M, South (Penn)	Dedicated Acreage: 80 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

		CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Name <i>George L. Lelis</i> Position General Manager Company American Trading and Production Corporation Date March 27, 1968 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed on MAR 26 1968 Registered Professional Engineer and/or Land Surveyor <i>DM Halligan</i> Certificate No. 1652
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AMERICAN TRADING AND PRODUCTION
CORPORATION

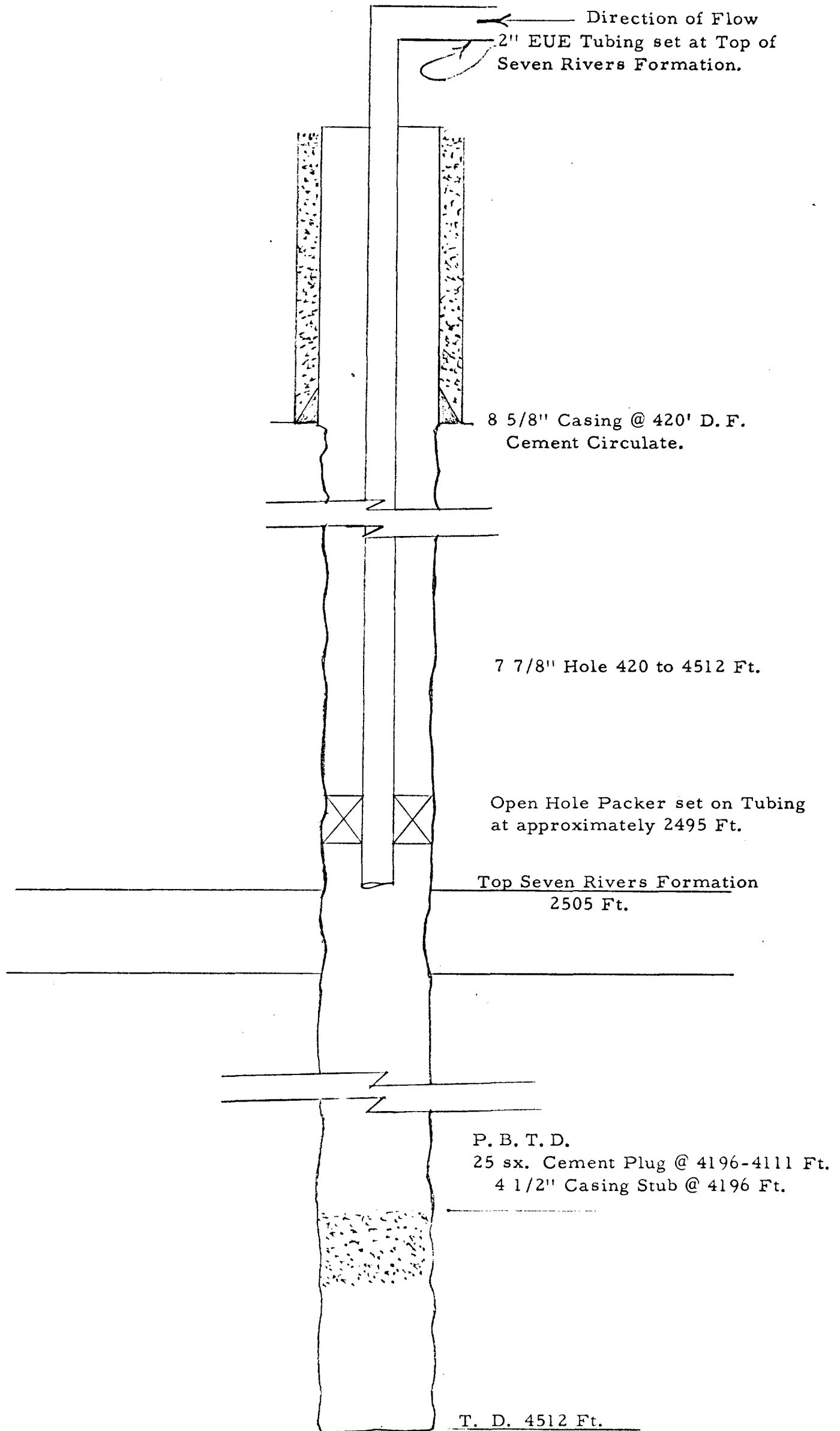
FLYING "M" AREA
Lea Co., New Mexico

LAND PLAT

Scale 1" = 4000' Date 2-7-68

-LEGEND-

DIAGRAMETIC SKETCH SHOWING PROPOSED
TEMPORARY WATER DISPOSAL INSTALLATION
AMERICAN TRADING AND PRODUCTION CORPORATION
SHELL STATE FMF NO. 1



NEW MEXICO OIL CONSERVATION COMMISSION	
FILE	
DATE	
CARD OFFICE	
TRANSPORTER	OIL
	GAS
REGISTRATION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company ✓ Shell Oil Company				Address P. O. Box 1580, Roswell, New Mexico			
Lease 8000 MP	Well No. 1	Unit Letter II	Section 19	Township 9S	Range 33E		
Date Work Performed November 4, 1964	Pool Flying "T" San Andres			County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☐ Other (Explain):
- ☒ Plugging
 ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Spotted cement plugs as follows:

25 cu - 4100'
 25 cu - 3410'
 25 cu - 1793'
 25 cu - 400'
 10 cu - Surface

Erected prescribed marker. Well PCA November 4, 1964

Witnessed by H. C. Starling	Position Production Foreman	Company Shell Oil Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P BTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	

Perforated Interval(s)

Open Hole Interval

Producing Formation(s)

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by	Name R. J. Deubel
Title	Position Division Mechanical Engineer
Date	Company Shell Oil Company

100 JUN 21 1968

OIL CONSERVATION COMMISSION
I DISTRICT

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE June 17, 1968

Re: Proposed NSP _____
Proposed Triple _____
Proposed NSL _____
Proposed NFO _____
Proposed DC _____

SWD X

Gentlemen:

I have examined the application dated 6/10/68

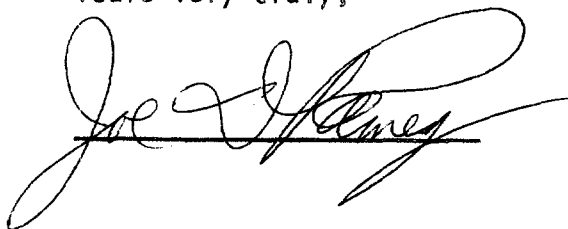
for the American Trading & Prod. Corp. Shell FMF State #1-H 19-9-33
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Run casing to top of Yates to protect salt section. Lynes packer in open hole
may not hold.---J.D.R.

O.K. geologically---J.W.R.

Yours very truly,



SCHLUMBERGER

SONIC LOG - GAMMA RAY

COUNTY LEA FIELD or LOCATION WELL FLYING "M" S.A. STATE FMF # 1 COMPANY SHELL OIL COMPANY	COMPANY SHELL OIL COMPANY	
	WELL STATE FMF # 1	
	FIELD FLYING "M" SAN ANDRES	
	COUNTY LEA	STATE NEW MEXICO
	LOCATION 1980' FROM N/L 660' FROM E/L	Other Services: LL, MLL, MOP
Sec. 19	Twp. 9S	Rge. 33E
Permanent Datum: _____, Elev. _____		Elev.: K.B. _____
Log Measured From DF _____ Ft. Above Perm. Datum		D.F. 4384
Drilling Measured From DF _____		G.L. 4375
Date	11-3-64	
Run No.	ONE	
Depth - Driller	4512	
Depth - Logger	4512	
Run Log Interval	4502	
Log Log Interval	0	
Casing - Driller	8 5/8 @ 400	@
Casing - Logger	-	
Bit Size	7 7/8"	
Type Fluid in Hole	SALT GEL	
Dens. Visc.	10.6 42	
pH Fluid Loss	6 9.8 ml	ml ml ml ml
Source of Sample		
R ₁ @ Meas. Temp.	.077 @ 65 °F	@ °F @ °F @ °F
R ₂ @ Meas. Temp.	.048 @ 77 °F	@ °F @ °F @ °F
R ₃ @ Meas. Temp.	.095 @ 77 °F	@ °F @ °F @ °F
Source: R ₁ R ₂ R ₃	M M M	
R ₁ @ BHT	.057 @ 89 °F	@ °F @ °F @ °F
Time Since Circ.	3 HOURS	
Max. Rec. Temp.	89 °F	@ °F @ °F @ °F
Equip. Location	4556 HOBBBS	
Recorded By	WILSON	
Witnessed By	ROTH	

Reproduced By
West Texas Electrical Log Service
Dallas 9, Texas

REFERENCE W5183M



12 COMPLETION RECORD

SPUD DATE

COMP DATE

DST RECORD