

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOCD Hobbs
HOBBS OCDFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

JUN 29 2015

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

RECEIVED

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC063586
2. Name of Operator SHACKELFORD OIL COMPANY		6. If Indian, Allottee or Tribe Name
Contact: CLAY HOUSTON E-Mail: CHOUSTON92083@YAHOO.COM		7. If Unit or CA/Agreement, Name and/or No. NMNM94514X
3a. Address 203 WEST WALL SUITE 200 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-682-9784 Fx: 432-684-5026	8. Well Name and No. LUSK WEST DELAWARE UNIT 912
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T19S R32E NWSW 1980FSL 660FWJ		9. API Well No. 30-025-33461-00-S1
		10. Field and Pool, or Exploratory W LUSK
		11. County or Parish, and State LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

- GIH TAG BOTTOM @ 7163'
- PRESSURE UP ON CASING TO 500 PSI: (CHART) BLM WITNESS
- POOH W/ TBG
- RIG UP WIRELINE, PERFORATE AS FOLLOWS:
7045'-7050'; 7062'-7067'; 7072'-7074'; 7082'-7085'; 7090'-7093'
- RIG DOWN WIRELINE
- GIH W/ TBG WORK STRING AND PACKER, SET PACKER AT 6990', ACIDIZE W/ 1200 GALS. MONITOR BACKSIDE.
SWAB ACID BACK SWAB TEST. (DEPENDING ON TEST SET UP FOR FRAC)
- SPOT FRAC TANKS
- RIG UP FRAC HEAD. LOAD BACKSIDE MONITOR CASING
- FRAC WELL W/ 90,000# SAND AND SLICK WATER GEL
- FLOW BACK FRAC AND SWAB BANK WELL

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #299845 verified by the BLM Well Information System For SHACKELFORD OIL COMPANY, sent to the Hobbs Committed to AFMSS for processing by LINDA JIMENEZ on 05/06/2015 (15LJ129735)	
Name (Printed/Typed) DON SHACKELFORD	Title PRESIDENT
Signature (Electronic Submission)	Date 04/29/2015
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By EDWARD FERNANDEZ	Title PETROLEUM ENGINEER
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	
Office Hobbs	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

JUN 29 2015

Additional data for EC transaction #299845 that would not fit on the form

32. Additional remarks, continued

- 11. TEST WELL
- 12. POOH W/ WORK STRING. GIH W/ PUMP, TBG AND ROD - PUT ON PRODUCTION
- 13. IF SUCCESSFUL, CHANGE NAME TO LEASE NAME
- 14. SET PRODUCTION FACILITIES

Conditions of Approval

**Shackelford Oil Company
Lusk West Delaware Unit 912, API 3002533461
T19S-R32E, Sec 29,
June 15, 2015**

1. Surface disturbance beyond the existing pad must have prior approval.
2. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
3. Functional H₂S monitoring equipment shall be on location.
4. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
5. **Recompletion procedure missing squeeze job on existing open perforations at 6391' to 6400'**
6. **Operator to utilized the same procedures as indicated on the recompletions sundry for the Unit well No. 913; otherwise recompletion procedure approved as written**
7. Submit a subsequent sundry Form 3160-5 of all well work
8. Submit the BLM Form 3160-4 **Recompletion Report** within 30 days of the date all BLM approved procedures are complete.
9. If successful, submit a NOI sundry Form 3160-5 after the completion report has been submitted to change the name of the well to a lease well.

EGF 061515

The Following Items are Attached:

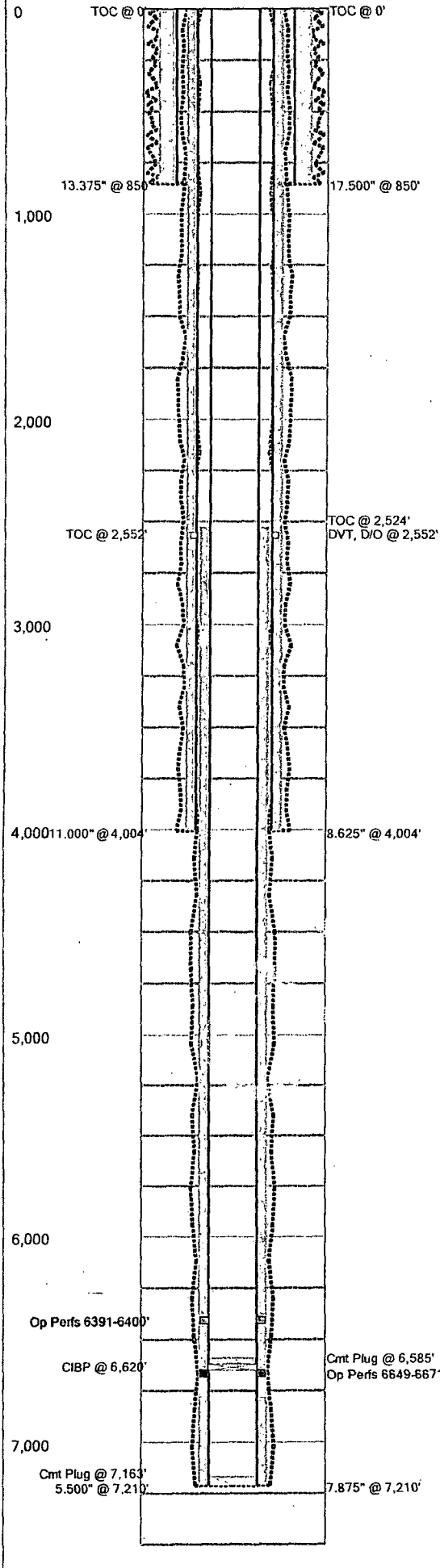
Proposed Procedures

Current Well Diagram

Proposed Well Diagram

Completion Report dated 4/2/1997

Last Updated: 4/15/2015 02:50 PM



Field Name		Lease Name		Well No.
Lusk West Delaware Unit		Lusk West Delaware Unit		912
County		State	API No.	
Lea		New Mexico	30-025-33461-0000	
Version	Version Tag			
1 Current				
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey
		29	19S	32E
Operator		Well Status	Latitude	Longitude
Shackelford Oil Company				
Dist. N/S (ft)		N/S Line	Dist. E/W (ft)	E/W Line
1980 FSL			660 FWL	
Footage From				
Prop Num		Spud Date	Comp. Date	
410-912				
Additional Information				
Other 1	Other 2	Other 3	Other 4	
Prepared By		Updated By	Last Updated	
Shackelford		Shackelford	4/15/2015 2:50 PM	

Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	17.500	0	850	
	11.000	0	4,004	
	7.875	0	7,210	

Tubular Summary

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Surface Casing	13.375	54.50	J-55	0	850
	Intermediate Casing	8.625	32.00	J-55	0	4,004
	Production Casing	5.500	15.50	J-55	0	7,210

Casing Cement Summary

Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	675	13.375	0	850	Circ 260 sx to surf
	875	8.625	0	2,552	No Cement to Surface after 2nd stage
	450	8.625	2,552	4,004	
	1,260	5.500	2,524	7,210	Circ 266 sx to surf

Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	35	5.500	6,585	6,620	
		5.500	7,163	7,210	

Perforation Summary

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
		Open		6,391	6,400	9
		Open		6,649	6,671	13

Last Updated: 4/15/2015 02:50 PM

Field Name		Lease Name		Well No.	County	State	API No.	
Lusk West Delaware Unit		Lusk West Delaware Unit		912	Lea	New Mexico	30-025-33461-0000	
Version	Version Tag			Spud Date	Comp. Date	GL (ft)	KB (ft)	
	1 Current							
Section	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	
29	19S	32E	1,980	FSL	660	FWL		
Operator		Well Status		Latitude		Longitude	Prop Num	
Shackelford Oil Company							410-912	
Other 1		Other 2		Other 3		Other 4		
Last Updated		Prepared By		Updated By				
04/15/2015 2:50 PM		Shackelford		Shackelford				
Additional Information								

Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	17.500	0	850	
	11.000	0	4,004	
	7.875	0	7,210	

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	Comments
	Surface Casing		13.375	54.50	J-55	0	850	
	Intermediate Casing		8.625	32.00	J-55	0	4,004	
	Production Casing		5.500	15.50	J-55	0	7,210	

Casing Cement Summary

C	Date	No. Sx	Yield (ft ³ /sk)	Vol. (ft ³)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
		675	1.00	675	13.375	0	850	Class C	Circ 260 sx to surf
		875	1.00	875	8.625	0	2,552	Class C	No Cement to Surface after 2nd stage
		450	1.00	450	8.625	2,552	4,004	Class C	
		1,260	1.00	1,260	5.500	2,524	7,210	Class C	Circ 266 sx to surf

Cement Plug Summary

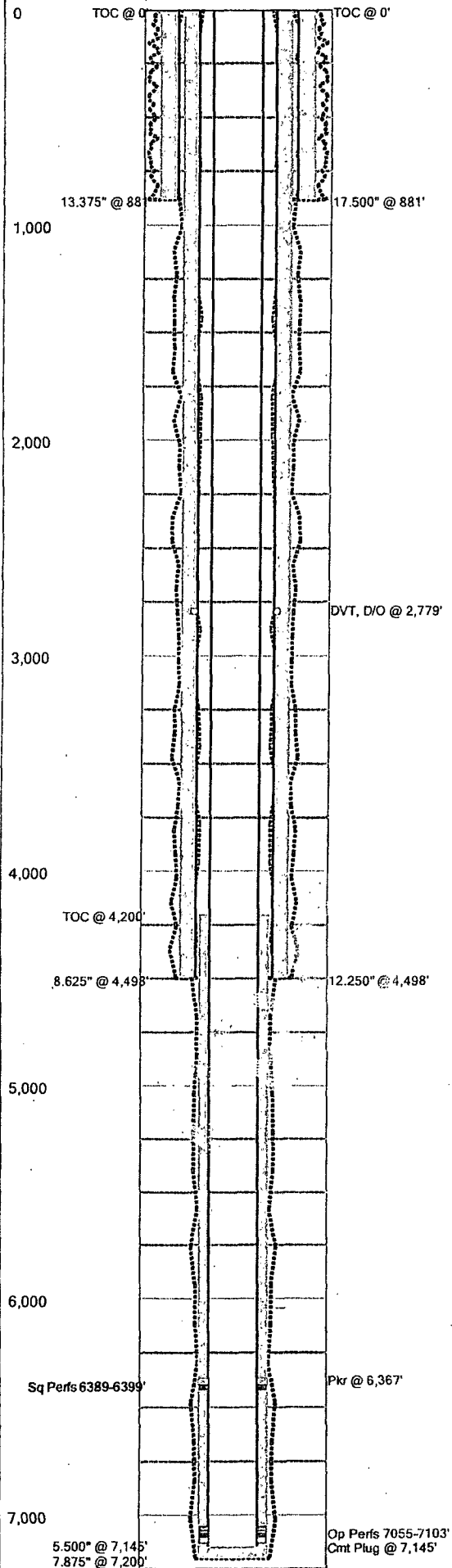
Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	35	5.500	6,585	6,620	
		5.500	7,163	7,210	

Perforation Summary

C	Date	Perf. Status	Formation		Comments		
		Open			1000 gal 15% Acid		
		Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
		6,391	6,400	1			

C	Date	Perf. Status	Formation		Comments		
		Open			1250 gal 15% Acid		
		Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
		6,649	6,671				

Last Updated: 4/16/2015 09:08 AM



Field Name		Lease Name		Well No.
Lusk West Delaware Unit		Lusk West Delaware Unit		913
County		State	API No.	
Lea		New Mexico	30-025-30094-0000	
Version	Version Tag			
2	Proposed			
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey
		29	18S	32E
Operator		Well Status	Latitude	Longitude
Shackelford Oil Company				
Dist. N/S (ft)		N/S Line	Dist. E/W (ft)	E/W Line
990 FSL			660 FWL	
Footage From				
Prop Num		Spud Date	Comp. Date	
410-913				
Additional Information				
Other 1	Other 2	Other 3	Other 4	
Prepared By		Updated By	Last Updated	
Shackelford		Shackelford	4/16/2015 9:08 AM	

Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	17.500	0	881	
	12.250	0	4,498	
	7.875	0	7,200	

Tubular Summary

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Surface Casing	13.375	61.00		0	881
	Intermediate Casing	8.625			0	4,498
	Production Casing	5.500	15.50		0	7,145

Casing Cement Summary

C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		735	13.375	0	881	
		2,800	8.625	0	4,498	
		940	5.500	4,200	7,200	

Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		5.500	7,145	7,200	PBTD

Perforation Summary

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
		Squeezed		6,389	6,399	
		Open		7,055	7,103	54

Last Updated: 4/16/2015 09:08 AM

Field Name		Lease Name		Well No.	County	State	API No.
Lusk West Delaware Unit		Lusk West Delaware Unit		913	Lea	New Mexico	30-025-30094-0000
Version	Version Tag			Spud Date	Comp. Date	GL (ft)	KB (ft)
2	Proposed						
Section	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From
29	19S	32E	990	FSL	660	FWL	
Operator.			Well Status		Latitude	Longitude	Prop Num
Shackelford Oil Company							410-913
Other 1		Other 2		Other 3		Other 4	
Last Updated			Prepared By		Updated By		
04/16/2015 9:08 AM			Shackelford		Shackelford		
Additional information							

Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	17.500	0	881	
	12.250	0	4,498	
	7.875	0	7,200	

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	Comments
	Surface Casing		13.375	61.00		0	881	
	Intermediate Casing		8.625			0	4,498	24 & 32#
	Production Casing		5.500	15.50		0	7,145	

Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
		735	1.00	735	13.375	0	881		
		2,800	1.00	2,800	8.625	0	4,498		
		940	1.00	940	5.500	4,200	7,200		

Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		5.500	7,145	7,200	PBTD

Perforation Summary

C	Date	Perf. Status	Formation		Comments	
		Squeezed				
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	6,389	6,399				
C	Date	Perf. Status	Formation		Comments	
		Open				
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	7,055	7,060	3	15		
	7,071	7,074	3	9		
	7,085	7,089	3	12		
	7,093	7,096	3	9		
	7,100	7,103	3	9		

Procedures for #912

1. GIH tag bottom @7163'
2. Pressure up on casing to 500 psi: (chart) BLM witness
3. POOH w/tbg
4. Rig up wireline, perforate as follows:
7045'-7050'; 7062'-7067'; 7072'-7074'; 7082'-7085'; 7090'-7093'
5. Rig down wireline
6. GIH w/tbg work string and packer, set packer at 6990', acidize w/1200 gals. Monitor backside. Swab acid back swab test. (Depending on test set up for frac.)
7. Spot frac tanks
8. Rig up frac head. Load backside monitor casing
9. Frac well w/90,000 # sand and slick water gel
10. Flow back frac and swab back well
11. Test well
12. POOH w/work string. GIH w/pump, tbg, and rod- put on production
13. If successful, change name to lease name
14. Set production facilities

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137

Expires February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. NM LC063586			
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUS BACK <input type="checkbox"/> DIFF. RESV. <input type="checkbox"/> Other <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA			
2. NAME OF OPERATOR Parker & Parsley Development L.P.				7. UNIT AGREEMENT NAME NA			
3. ADDRESS AND TELEPHONE NO. P.O. Box 3178 Midland, TX 79702				8. FARM OR LEASE NAME, WELL NO. Southern California 9 Federal Unit			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* Unit L; 660' FWL & 1980' FSL At top prod. interval reported below				9. API WELL NO. 30-025-33461			
At total depth				10. FIELD AND POOL, OR WILDCAT Lusk Delaware, West			
14. PERMIT NO.				DATE ISSUED 5/20/96		12. COUNTY OR PARISH Lea	
15. DATE SPUDDED 7/21/96				16. DATE T.D. REACHED 8/1/96		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 8/13/96				18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 3550			
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 7210'		21. PLUG, BACK T.D., MD & TVD 7163		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY Rotary		24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 6649-6671; 6391-6400 Brushy Canyon Sand		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN CBL/GR/CCL/SDL/DSN/DDC/Caliper	
27. WAS WELL CORED Yes		28. CASING RECORD (Report all strings set in well)		29. LINER RECORD		30. TUBING RECORD	
Casing Size/Grade		Weight, LB./FT.		Depth Set (MD)		Hole Size	
13 3/8		54.5#		850		17 1/2	
8 5/8		32# & 24#		4004		11	
5 1/2		15.5#		7210		7 7/8	
31. PERFORATION RECORD (Interval, size and number) 6649, 50, 53, 56, 57, 58, 61, 63, 64, 65, 69, 70 & 6671, 13 holes (.42") 6391 - 6400, 10 holes (.042")		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				6649-6671		1000 gals 15% HCL	
				6391-6400		1000 gals 15% HCL	
33.* PRODUCTION		DATE FIRST PRODUCTION 8/31/96		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) pmp/2X1 1/2X20X6 RHBC		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 11/3/96		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL - BBL.	
						5	
						GAS - MCP.	
						7	
						WATER - BBL.	
						3	
						GAS - OIL RATIO	
						1400	
						OIL GRAVITY - API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY Gary Morgan					
35. LIST OF ATTACHMENTS Deviation Report, Sidewall Core Analysis							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <i>J. Britt Hink</i>		TITLE Sr. Operations Engineer		DATE 4/2/97			

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Brushy Canyon SD	6649	6671	Oil, Gas, H2O
Brushy Canyon SD	6391	6400	Oil, Gas, H2O
	Sidewall	Cores	See Enclosed Report

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	858	
Yates	2530	
Capitan	2753	
Delaware	4275	
Bone Spring	7125	