

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

OCD Hobbs
HOBBS OCS
JUN 29 2015

| | |
|---|---|
| 5. Lease Serial No. NMLC063586 | |
| 6. If Indian, Allottee or Tribe Name | |
| 7. If Unit or CA/Agreement, Name and/or No. NMNM94514X | |
| 8. Well Name and No. LUSK WEST DELAWARE UNIT 912 | |
| 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 |

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

| | |
|--|---|
| 1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | |
| 2. Name of Operator SHACKELFORD OIL COMPANY | |
| Contact: CLAY HOUSTON E-Mail: CHOUSTON92083@YAHOO.COM | |
| 3a. Address 203 WEST WALL SUITE 200 MIDLAND, TX 79701 | 3b. Phone No. (include area code) Ph: 432-682-9784 Fx: 432-684-5026 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T19S R32E NWSW 1980FSL 660FWJ | |

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 recomplete 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 recompletion 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 (15LJ120735) | |
| 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. | Date 06/15/2015 |
| | Office Hobbs |

APPROVED
JUN 15 2015
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

AM

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:

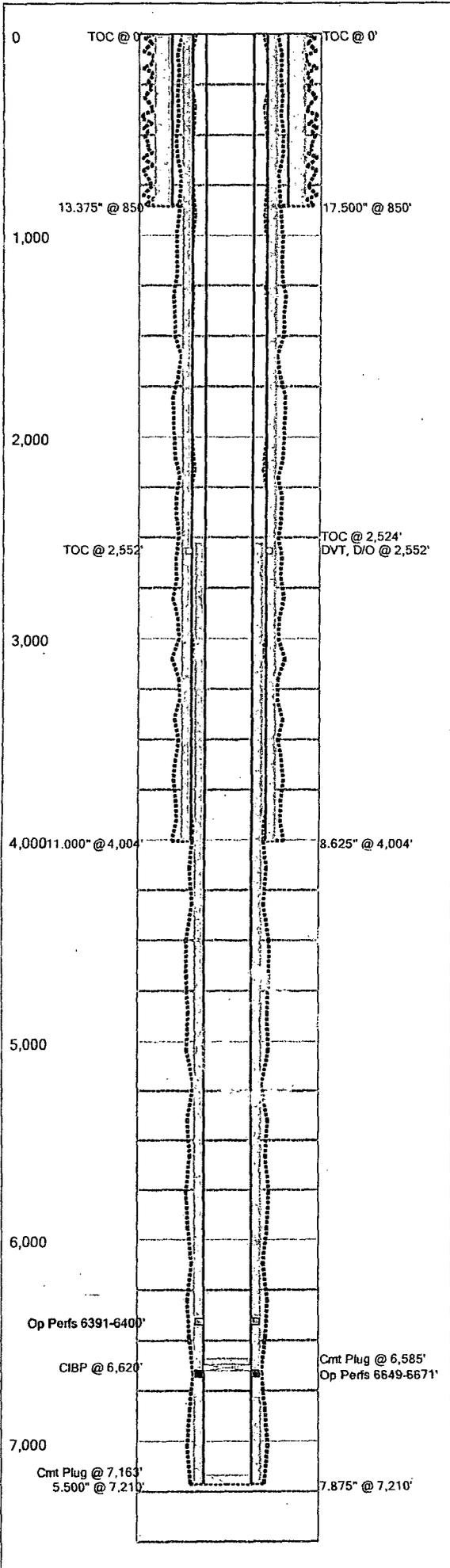
Proposed Procedures

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 | Footage From |
| 1980 | | FSL | 660 | | FWL |
| Prop Num | | Spud Date | | Comp. Date | |
| 410-912 | | | | | |
| Additional Information | | | | | |
| Other 1 | | Other 2 | | Other 3 | |
| | | | | | |
| Prepared By | | Updated By | | Last Updated | |
| Shackelford | | Shackelford | | 4/15/2015 2:50 PM | |

| 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 | |

| 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 |

| 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 |

| 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 | |

| 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 |

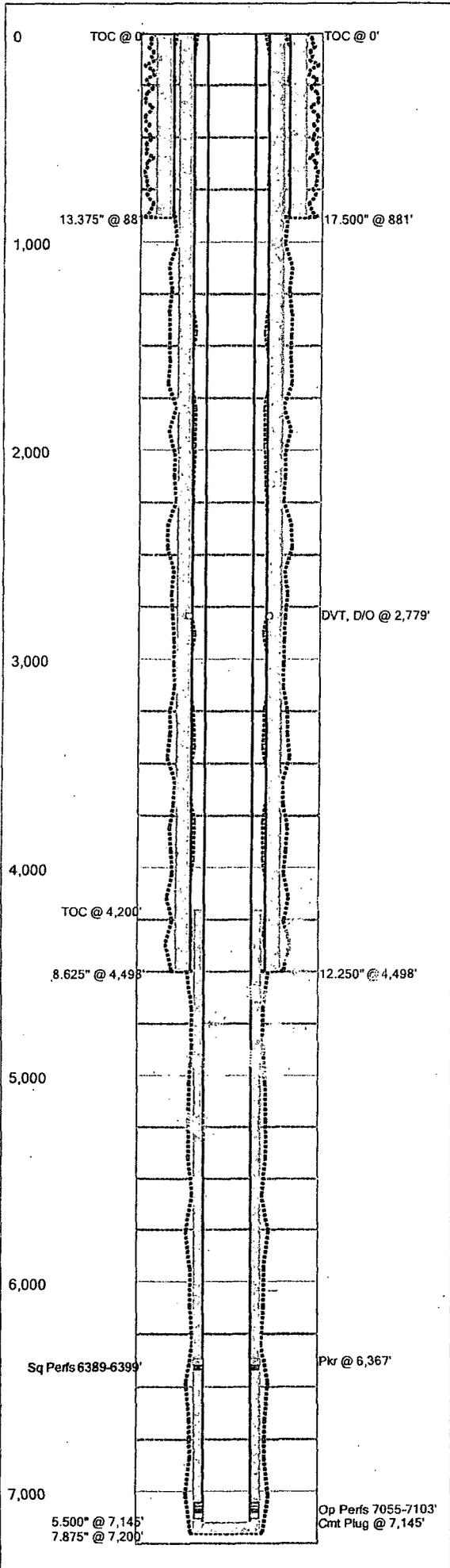
Cement Plug Summary

| 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 | | 100 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 | 19S | 32E | |
| Operator | | Well Status | | Latitude | |
| Shackelford Oil Company | | | | | |
| Dist. N/S (ft) | | Dist. E/W (ft) | | Footage From | |
| 990 FSL | | 660 FWL | | | |
| 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 | |

| 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 | |

| 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 |

| 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 | |

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

| 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 | | |
| | | | SPF | Shots |
| | | Top (MD ft) | Bottom (MD ft) | Phasing (deg) |
| | | 6,389 | 6,399 | |
| C | Date | Perf. Status | Formation | Comments |
| | | Open | | |
| | | | SPF | Shots |
| | | Top (MD ft) | Bottom (MD ft) | Phasing (deg) |
| | | 7,055 | 7,060 | 3 15 |
| | | 7,071 | 7,074 | 2 9 |
| | | 7,085 | 7,089 | 12 |
| | | 7,093 | 7,096 | 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

OPERATOR'S COPY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

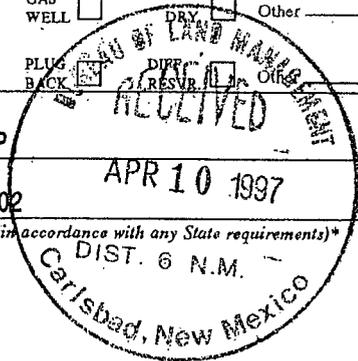
1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DRY RESERVE Other

2. NAME OF OPERATOR
Parker & Parsley Development L.P.

3. ADDRESS AND TELEPHONE NO.
P.O. Box 3178 Midland, TX 79702 915 571-1266

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
Unit L; 660' FWL & 1980' FSL
At top prod. interval reported below



14. PERMIT NO. DATE ISSUED
5/20/96

5. LEASE DESIGNATION AND SERIAL NO.
NM LC063586

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Southern California 9 Federal Unit

9. API WELL NO.
30-025-33461

10. FIELD AND POOL, OR WILDCAT
Lusk Delaware, West

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 29, T19S, R32E

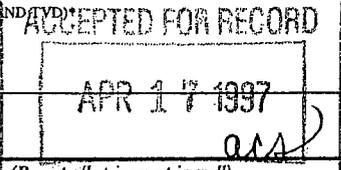
12. COUNTY OR PARISH
Lea

13. STATE
NM

15. DATE SPUNDED **7/21/96** 16. DATE T.D. REACHED **8/1/96** 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** ROTARY TOOLS **Rotary** CABLE TOOLS

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/DDL/Caliper

28. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---------------------------------|---------------|
| 13 3/8 | 54.5# | 850 | 17 1/2 | 675 sx Poz C & "C", surface | |
| 8 5/8 | 32# & 24# | 4004 | 11 | 1325 sx Poz C & "C" | |
| 5 1/2 | 15.5# | 7210 | 7 7/8 | 1265 sx Poz "C" | |

29. LINER RECORD 30. TUBING RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|-------|----------------|-----------------|
| | | | | | 2 3/8 | 6723 | |

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** CHOKER SIZE PROD'N. FOR TEST PERIOD **5** OIL - BBL. **5** GAS - MCP. **7** WATER - BBL. **3** GAS - OIL RATIO **1400**

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL - BBL. GAS - MCP. WATER - BBL. 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 *J. Britt Hilt* 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):

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
|------------------|----------|--------|-----------------------------|-------------|-------------|------------------|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| Brushy Canyon SD | 6649 | 6671 | Oil, Gas, H ₂ O | Rustler | 858 | |
| Brushy Canyon SD | 6391 | 6400 | Oil, Gas, H ₂ O | Yates | 2530 | |
| | Sidewall | Cores | See Enclosed Report | Capitan | 2753 | |
| | | | | Delaware | 4275 | |
| | | | | Bone Spring | 7125 | |