

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

HOBBS OCD

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.

JUN 29 2015

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		5. Lease Serial No. NMLC063586
2. Name of Operator SHACKELFORD OIL COMPANY / Contact: CLAY HOUSTON E-Mail: CHOUSTON92083@YAHOO.COM		6. If Indian, Allottee or Tribe Name
3a. Address 203 WEST WALL SUITE 200 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-682-9784	7. If Unit or CA/Agreement, Name and/or No. NMNM94514X
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T19S R32E SWSW 990FSL 660FWL /		8. Well Name and No. LUSK WEST DELAWARE UNIT 913 /
		9. API Well No. 30-025-30094-00-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 recompleat 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 recompleat 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 W/ PACKER AND TBG SET @ 6350' SQUEEZE W/ CLASS C CEMENT. WAIT 12 HOURS. POOH W/ PACKER AND TBG.
- GIH W/ BIT AND COLLARS, DRILL OUT AND TAG BOTTOM. TEST CASING TO 500 PSI. CALL BLM TO WITNESS
- POOH W/ TBG
- RIG UP WIRELINE, PERFORATE AS FOLLOWS:
7055'-7060'; 7071'-7074'; 7085'-7089'; 7093'-7096'; 7100'-7103'
- 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 FRAC)
- SPOT FRAC TANKS
- RIG UP FRAC HEAD. LOAD BACKSIDE MONITOR CASING
- FRAC WELL W/ 90,000# SAND AND SLICK WATER GEL

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Electronic Submission #299843 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 (15L J4205SE)	
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
Date 06/15/2015	

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 #299843 that would not fit on the form

32. Additional remarks, continued

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

Conditions of Approval

**Shackelford Oil Company
Lusk West Delaware Unit 913, API 3002530094
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 approved as written
6. Submit a subsequent sundry Form 3160-5 of all well work
7. Submit the BLM Form 3160-4 **Recompletion Report** within 30 days of the date all BLM approved procedures are complete.
8. 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

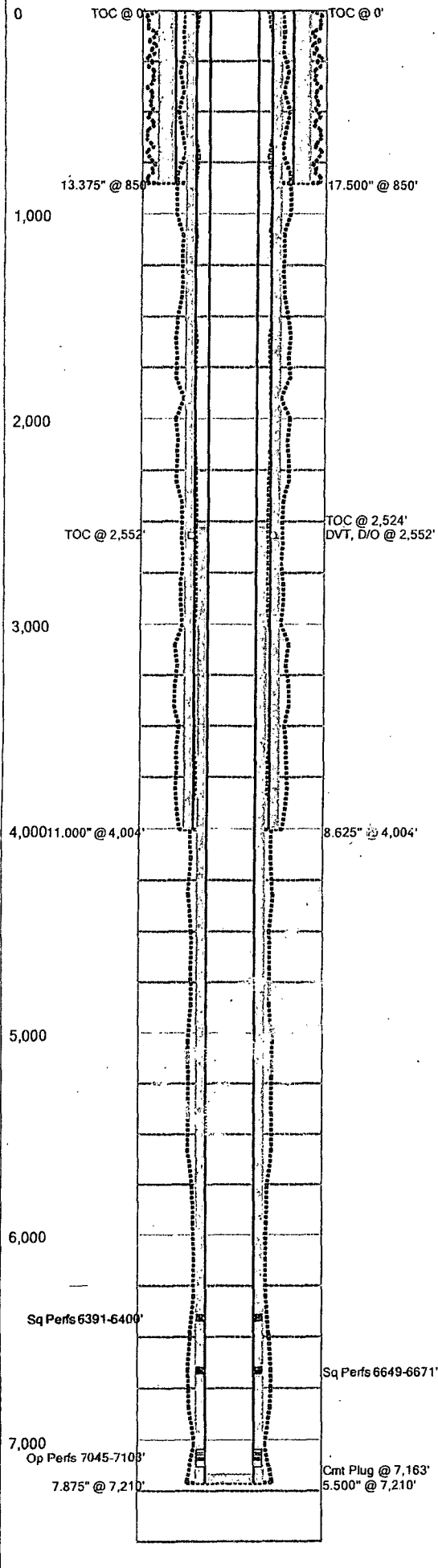
Proposed Well Diagram

Completion Report dated 12/23/1987

Procedures for #913

1. GIH w/packer and tbg set @ 6350' squeeze w/class C cement. Wait 12 hrs. POOH w/packer and tbg.
2. GIH w/bit and collars, drill out and tag bottom. Test casing to 500 psi. Call BLM to witness
3. POOH w/tbg
4. Rig up wireline, perforate as follows:
7055'-7060'; 7071'-7074'; 7085'-7089'; 7093'-7096'; 7100'-7103'
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

Last Updated: 4/15/2015 03:01 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		
2 Proposed				
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 Other 4				
Prepared By		Updated By		Last Updated
Shackelford		Shackelford		4/15/2015 3:01 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

C	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
		5.500	7,163	7,210	

Perforation Summary

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
		Squeezed		6,391	6,400	9
		Squeezed		6,649	6,671	13
		Open		7,045	7,103	66

Last Updated: 4/15/2015 03:01 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)	
	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	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 3:01 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

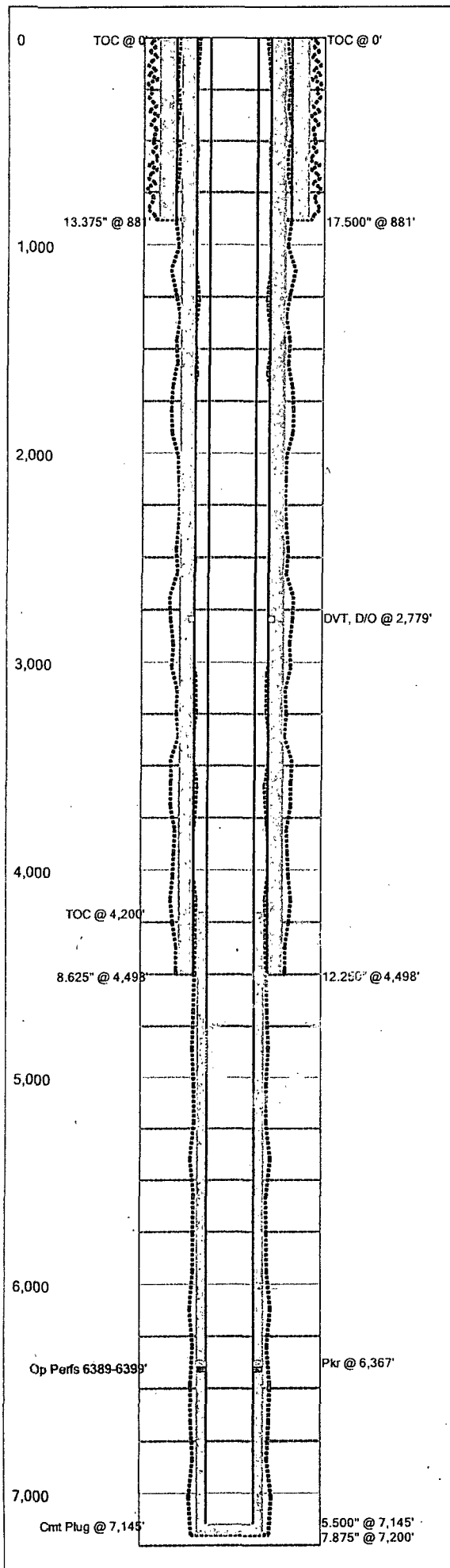
C	Date	No. Sx	Yield (ft ³ /sk)	Vol. (ft ³)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
		675	1.00	675	13.375	0	850		Circ 260 sx to surf
		875	1.00	875	8.625	0	2,552		50 Cement to Surface after 2nd stage
		450	1.00	450	8.625	2,552	4,004		
		1,260	1.00	1,260	5.500	2,524	7,210		Circ 266 sx to surf

Cement Plug Summary

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

Perforation Summary

C	Date	Perf. Status	Formation		Comments	
		Squeezed			1080 gal 15% Acid	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	6,391	6,400	1	9		
C	Date	Perf. Status	Formation		Comments	
		Squeezed			1230 gal 15% Acid	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	6,649	6,671		12		
C	Date	Perf. Status	Formation		Comments	
		Open				
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	7,045	7,050	3	15		
	7,062	7,067	3	15		
	7,072	7,074	3	6		
	7,085	7,089	3	12		
	7,093	7,096	3	9		
	7,100	7,103	3	9		



Last Updated: 4/15/2015 03:27 PM

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			
	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
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		4/15/2015 3:27 PM

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
		Open		6,389	6,399	

Last Updated: 4/15/2015 03:27 PM

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)	
	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	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			
04/15/2015 3:27 PM			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 2 1/2"
	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				
		Open						
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments		
	6,389	6,399						

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

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 ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Damson Oil Corporation

3. ADDRESS OF OPERATOR

3300 N. A, Bldg. 8, Suite 100, Midland, Texas 79705

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 660' FWL & 990' FSL

At top prod. interval reported below

At total depth 660' FWL & 990' FSL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

11/13/87

16. DATE T.D. REACHED

12/4/87

17. DATE COMPL. (Ready to prod.)

12/9/87

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)*

3,547' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7,200'

21. PLUG BACK T.D., MD & TVD

7,145'

22. IF MULTIPLE COMPL.,
HOW MANY*

NA

23. INTERVALS
DRILLED BY

→

ROTARY TOOLS

0-7,200'

CABLE TOOLS

-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

6,389'-6,399' Delaware

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL, MSFL, LDT, CNL, GR, LSS

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	61#	881'	17-1/2	735sx	-0-
8-5/8"	24 & 32#	4,498'	12-1/4	2600sx	-0-
5-1/2"	15.5#	7,145'	7-7/8"	940sx	-0-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NA							

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

6,389' - 6,399' 10 shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6,389'-6,399'	AW/ 1000 gal 15% HCL
6,389'-6,399'	AW/ 1000 gal 15% HCL & SWF w/
	15,000 gals & 23,000# 20/40 sai

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12/9/87		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/21/87	24	NA	→	110	141	10	1282
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	ACCEPTED FOR RECORD			OIL GRAVITY-API (CORR.)	
NA	32 psig	→	-	-	-	42.1	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

JAN 5 1988

TEST WITNESSED BY

Randy Willey

35. LIST OF ATTACHMENTS

Deviation Report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

C. M. Bloodworth

TITLE

District Engineer

DATE

12/23/87

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

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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.
Delaware	6,389'	6,399'	Sand, containing oil and gas

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	4,590'	4,590'
Bone Springs	7,132'	7,132'