

**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

5. LEASE DESIGNATION AND SERIAL NO.

NM-89819

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
Patton 18 Federal #1

9. API WELL NO.  
30-015-32435

10. FIELD AND POOL, OR WILDCAT  
Poker Lake Delaware

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 18, T24S, R31E

12. COUNTY OR PARISH  
Eddy County

13. STATE  
NM

1a. TYPE OF WELL:

OIL WELL ☒

GAS WELL ☐

DRY ☐

Other

**RECEIVED**

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

Other

APR 19 2004

2. NAME OF OPERATOR

Pogo Producing Company

**CONFIDENTIAL**

3. ADDRESS AND TELEPHONE NO.

P. O. Box 10340, Midland, TX 79702-7340 432-685-8100

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

At surface 1980' FNL & 1980' FEL, Section 18

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

09/08/03

15. DATE SPUDDED

09/20/03

16. DATE T.D. REACHED

12/11/03

17. DATE COMPL. (Ready to prod.)

04/08/04

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)\*

3522

19. ELEV. CASINGHEAD

3523

20. TOTAL DEPTH, MD & TVD

13,223

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

9300

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-13,223

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

Delaware 8050-60, 7956-66, 7868-78

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CN/GR, AIL

27. WAS WELL CORED

No

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	48	758	17-1/2	1050 sks	
8-5/8	32	4175	11	1550 sks	
5-1/2	17	11,770	7-7/8	1520 sks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	7745	

31. PERFORATION RECORD (Interval, size and number)

12,695-13,014  
7868-8060

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
12,695-13,014	AcidzFrac w/ 30,000 gals 28% HCL
7868-8060	Acidz w/ 1500 gals 7-1/2% acid
	Frac w/ 66,100# 16/30 TLC +
	40,220# 16/30 SLC

33. PRODUCTION

DATE FIRST PRODUCTION 04/08/04		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 04/11/04	HOURS TESTED 24	CHOKE SIZE ---	PROD'N FOR TEST PERIOD →	OIL—BBL 147	GAS—MCF. 184	WATER—BBL 275	GAS-OIL RATIO 1252:1
FLOW. TUBING PRESS. ---	CASING PRESSURE ---	CALCULATED 24-HOUR RATE →	OIL—BBL	GAS—MCF.	WATER—BBL	OIL GRAVITY-API (CORR.) 43.0	

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

Vented

TEST WITNESSED BY

John Osborn

35. LIST OF ATTACHMENTS

C-102, C-104, Logs, Deviation Survey, Sundries

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

SIGNED

*Cathy Allright*

TITLE Sr. Operation Tech

DATE 04/14/04

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

Title 18 U.S.C. Section 1001, makes 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.

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.
Basal Anhydrite	4056		
Delaware Lime	4285		
Bell Canyon	4306		
Cherry Canyon	5199		
Brushy Canyon	6471		
Bone Spring	8127		
Wolfcamp	11,486		

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH

LOT 1

41.87 AC  
LOT 2

41.94 AC  
LOT 3

42.00 AC  
LOT 4

42.07 AC

1980'

3524.7'

3525.9'

3521.3'

3520.3'

1980'

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## OPERATOR CERTIFICATION

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

*Cathy Wright*

Signature

Cathy Wright

Printed Name

Sr. Operation Tech

Title

04/14/04

Date

## SURVEYOR CERTIFICATION

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 belief.

JANUARY 21, 2003

Date Surveyed

L.A.

Signature & Seal of  
Professional Surveyor

*Ronald J. Eidson* 1/24/03  
03-11-0097

Certificate No. RONALD J. EIDSON 3239  
GARY EIDSON 12641

OPERATOR: POGO PRODUCING  
WELL/LEASE: PATTON 18 FED. 1  
COUNTY: EDDY

078-0020

STATE OF NEW MEXICO  
DEVIATION REPORT

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DEC 22 2003

MIDLAND

4,237	1 3/4	11,925	1/2
4,524	1	12,210	1
4,878	2 3/4	12,736	1
5,006	1 1/4	13,062	1
5,228	1 3/4	13,220	1
5,390	1 1/4		
5,710	1/2		
6,028	1 1/4		
6,350	3/4		
6,666	3/4		
7,020	1 1/4		
7,339	1 1/4		
7,656	2		
8,039	1		
8,677	3 1/4		
8,741	3		
8,837	1 1/2		
8,933	1		
9,283	1 1/4		
9,443	3/4		
9,763	3/4		
10,082	1/2		
10,402	1 1/4		
10,722	1		
11,041	2		
11,169	1 3/4		
11,488	1 1/4		
11,720	1/2		

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APR 19 2004

OCB-ARTESIA

CONFIDENTIAL

By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 16th day of December, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges  
Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

