

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

**OIL CONSERVATION DIVISION**

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO.  
30-015-32389

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

State "W"

8. Well No.

4

9. Pool name or Wildcat

Carlsbad Delaware South

**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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator

Pogo Producing Company

3. Address of Operator

P. O. Box 10340, Midland, TX 79702-7340

4. Well Location

Unit Letter L : 1980 Feet From The South Line and 330 Feet From The West Line

Section 3 Township 23S Range 26E NMPM Eddy County

10. Date Spudded

11/23/02

11. Date T.D. Reached

12/01/02

12. Date Compl. (Ready to Prod.)

12/16/02

13. Elevations (DF & RKB, RT, GR, etc.)

3307

14. Elev. Casinghead

3308

15. Total Depth

3500

16. Plug Back T.D.

3446

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

0-3500

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

Delaware 2536-50

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

HDIL, ZDL/CN

22. Was Well Cored

No

23.

**CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	54.5	513	17-1/2	615 sks	
8-5/8	32	1609	11	1002 sks	
5-1/2	15.5	3500	7-7/8	400 sks	

24.

**LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25.

**TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2-7/8	2663	

26. Perforation record (interval, size, and number)

2536-50 (2 spf)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2536-50	Acidz w/ 1000 gal's 7-1/2% acid

28.

**PRODUCTION**

Date First Production 12/16/02		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 01/01/03	Hours Tested 24 hrs	Choke Size	Prod'n For Test Period	Oil - BbL 26	Gas - MCF 9	Water - BbL 14	Gas - Oil Ratio 346:1
Flow Tubing Press. ---	Casing Pressure ---	Calculated 24-Hour Rate	Oil - BbL 26	Gas - MCF 9	Water - BbL 14	Oil Gravity - API - (Corr.) 41.0	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Blaise Campanella

30. List Attachments

C-104, Sundry, Deviation Survey,

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

*Cathy Tomberlin*

Printed Name

Cathy Tomberlin

Title

Sr. Oper Tech

Date

01/03/03

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all specific tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

### OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet .....

No. 2, from ..... to ..... feet .....

No. 3, from ..... to ..... feet .....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
		1658	Delaware Lime				
		1806	Bell Canyon				
		2421	Cherry Canyon				
		2623	Manzanita				

**Pogo Producing Company**  
**State "W" #4**  
**3-23S-26E**  
**1980' FSL & 330' FWL**  
**30-015-32389**

**Geological Tops per/ Bryan G. Arrant-OCD**

Rustler	@455'
Salado	741'
Base of Salt	1562
Lamar Limestone	1657'
Bell Canyon	1806'
Cherry Canyon	2421'
Manzanita	2623' (Operator)
Bone Spring	NDE

OPERATOR: POGO PRODUCING CO.  
WELL/LEASE: STATE "W" #4  
COUNTY: EDDY

141-0018  
RECEIVED

DEC 10 2002

STATE OF NEW MEXICO  
DEVIATION REPORT

MIDLAND

262	3/4
473	1 1/4
947	3/4
1,440	3/4
1,534	3
1,566	3
1,691	2
1,848	1 1/4
2,102	1
2,354	1 3/4
2,480	1
2,702	2
2,828	2
2,953	1
3,170	1 1/2
3,459	1 3/4

CONFIDENTIAL



By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 9th day of December, 2002, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges  
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003

