

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

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

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

DISTRICT III  
1000 Rio Brazos Rd, Aztec, NM 87410

WELL API NO.  
30-025-34368

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

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 ☐

7. Lease Name or Unit Agreement Name

Merit State "33"

2. Name of Operator

Pogo Producing Company

8. Well No.

1

3. Address of Operator

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

9. Pool name or Wildcat

Saumal Penn

4. Well Location

Unit Letter A : 990 Feet From The North Line and 990 Feet From The East Line

Section 33 Township 16S Range 33E NMPM Lea County

10. Date Spudded

04/19/98

11. Date T.D. Reached

07/20/98

12. Date Compl. (Ready to Prod.)

08/06/98

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

4207' GR

14. Elev. Casinghead

4206'

15. Total Depth

15094

16. Plug Back T.D.

13153

17. If Multiple Compl. How  
Many Zones?

18. Intervals  
Drilled By

Rotary Tools

☒

Cable Tools

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

12928'-12945' Saumal Penn

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

DIL-CNL-CBL

22. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48#	445	17-1/2	600 sxs-circ 185 sxs	
9-5/8	47#	4500	12-1/4	2350 sxs-circ 240 sxs	
5-1/2	17# & 20#	13266	8-1/2	1400 sxs-TOC @ 8298'	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	12896	

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

12928'-12945' (68 - .50" dia holes)

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production 08/06/98	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Shut-in <input checked="" type="checkbox"/>	
Date of Test 08/07/98	Hours Tested 24 hrs	Choke Size 16/64"	Prod'n For Test Period	Oil - BbL. 139	Gas - MCF 827	Water - BbL. 1
Flow Tubing Press. 700		Casing Pressure 0	Calculated 24- Hour Rate	Oil - BbL. 139	Gas - MCF 827	Water - BbL. 1
				Oil Gravity - API - (Corr.) 45.4		

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

Vented

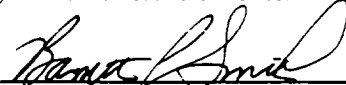
Test Witnessed By

30. List Attachments

C-104, C-103, C-102, Logs, 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



Printed  
Name

Barrett L. Smith

Title

Div Operations Eng

Date

08/19/98

## 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

**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. Permian _____	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 \_\_\_\_\_

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
		4456.0	San Andres
		5933.0	Glorieta
		7197.0	Tubb
		7956.0	Abo
		9858.0	Wolfcamp Mkr
		10729.0	Kemnitz
		11691.0	Up Perm Mkr
		12286.0	Strawn
		12546.0	Atoka
		13088.0	Morrow Lm
		13265.0	Morrow Clas
		13601.0	Chester
		14122.0	Miss Lm
		14714.0	Woodford
		14830.0	Silurian
		14978.0	Dolomite