

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.

2516-B

7. Unit Agreement Name

8. Farm or Lease Name

State D

9. Well No.

5

10. Field and Pool, or Wildcat
Sanmal (Queen)

12. County

Lea

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

Petrus Oil Company, L. P.

3. Address of Operator

12377 Merit Drive, Suite 1600

Dallas, Texas 75251

4. Location of Well

UNIT LETTER A LOCATED 990 FEET FROM THE North LINE AND 330 FEET FROM

THE East LINE OF SEC. 11 TWP. 17S RGE. 33E NMPM

15. Date Spudded

02-09-88

16. Date T.D. Reached

02-15-88

17. Date Compl. (Ready to Prod.)

02-21-88

18. Elevations (DF, RKB, RT, GR, etc.)

4154.6' GR

19. Elev. Casinghead

not recorded

20. Total Depth

3840

21. Plug Back T.D.

3803

22. If Multiple Compl., How Many

23. Intervals Drilled By Rotary Tools
0 - 3840'

Cable Tools

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

3767-3786' Queen

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

LDT/CNL/GR

27. Was Well Cored

No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24	1496	12-1/4	600 sx Lite 200 sx Prem.	
5-1/2	17	3840	7-7/8	575 sx POZ 328 sx Class C	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	3682	3682

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

3767-3786', 2 spf, 120 deg spiral phasing

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3767-3786	2000 gals 7.5% NEFE,
	15,000# 20/40; 30,000# 12/20 sd
	24,650 gals 30# gel + 15% CO ₂

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
02-22-88	Pmpg 2 x 1-1/2 x 12' RHBC	Prod
Date of Test	Hours Tested	Choke Size
02-26-88	24	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
30	30	
Oil - Bbl.	Gas - MCF	Water - Bbl.
86	150	15
Oil - Bbl.	Gas - MCF	Water - Bbl.
86	150	15
Oil Gravity - API (Corr.)		
		36

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

Vented

Test Witnessed By

Henry Whitman

35. List of Attachments

Deviation Survey.

36. 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.

SIGNED Suzann Welch Suzann Welch

TITLE Regulatory Coordinator

DATE 02-26-88

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 special 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 30 through 34 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 _____ 1520	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 _____ 2815	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3760	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	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 _____ 3767 to _____ 3786	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, 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	_____
No. 4, from _____ to _____ feet	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1520	2630	1110	Rustler Anhydrite				
2630	2815	185	Tansil				
2815	3115	300	Yates				
3115	3760	645	Seven Rivers				
3760	3840	81	Queen				

MAR 1 1968
HOBBS OFFICE