

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

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LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. 2516-B	

1a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						8. Farm or Lease Name State D	
2. Name of Operator Petrus Oil Company, L. P.						9. Well No. 7	
3. Address of Operator 12377 Merit Drive, Suite 1600 Dallas, Texas 75251						10. Field and Pool, or Wildcat Maljamar Grayburg-SanAndr	
4. Location of Well UNIT LETTER <u>Q</u> LOCATED <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>1750</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>13</u> TWP. <u>17S</u> RGE. <u>33E</u> NMPM						12. County Lea	
15. Date Spudded 03-12-88		16. Date T.D. Reached 03-26-88		17. Date Compl. (Ready to Prod.) 04-11-88		18. Elevations (DF, RKB, RT, GR, etc.) 4705' GR	
19. Elev. Casinghead 4705'		20. Total Depth 4705					
21. Plug Back T.D. 4670		22. If Multiple Compl., How Many		23. Intervals Drilled By Rotary Tools Cable Tools 0-4705		25. Was Directional Survey Made No	
24. Producing Interval(s), of this completion - Top, Bottom, Name 4645-4658 San Andres 4460-4465 & 4512-4517 Grayburg						27. Was Well Cored No	
26. Type Electric and Other Logs Run CNL/FDC, DLL, Cyberlook							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
3-5/8	24	1501	12-1/4	600 sx Lite + 200 sx C1 C			
5-1/2	15.5	4703	7-7/8	1150 sx Lite + 225 sx C1 C			
29. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD		
					SIZE 2-3/8	DEPTH SET	PACKER SET
31. Perforation Record (Interval, size and number) 4645-4658' w/ 2 spf 27 holes @ 120 deg phase 4460-4465 & 4512-4517' w/2 spf w/120 deg phase				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 4645-4658 4645-4658 4460-4465 & 4512-4517' Frac w/39000 gals 30# gel			
				AMOUNT AND KIND MATERIAL USED Acidize w/2000 gals 15% NEFE Frac w/8500 gals 30# gel + 5000 lbs 20/40 sand			
33. PRODUCTION & 59M# 20/40 sd & 16M# 12/20 sd.							
Date First Production 04-11-88		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 2 x 1-1/2 x 16' rag ring insert pump				Well Status (Prod. or Shut-in) Prod.	
Date of Test 04-18-88	Hours Tested 24	Choke Size	Prod'n. For Test Period	Oil - Bbl. 31	Gas - MCF 15	Water - Bbl. 24	Gas - Oil Ratio 484 cf/bbl
Flow Tubing Press. 30	Casing Pressure 30	Calculated 24-Hour Rate	Oil - Bbl. 31	Gas - MCF 15	Water - Bbl. 24	Oil Gravity - API (Corr.) 36	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) vented during initial testing						Test Witnessed By Henry Whitman	
35. List of Attachments Deviation Survey, C-104, CNL/FDC, DLL							
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 <u>Suzanne Welch</u>				TITLE <u>Regulatory Coordinator</u>		DATE <u>04-29-88</u>	

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	1510	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	2843	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	3164	T. Devonian	T. Menefee	T. Madison
T. Queen	3816	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	4454	T. Montoya	T. Mancos	T. McCracken
T. San Andres	4590	T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta		T. McKee	Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	
T. Blinebry		T. Gr. Wash	T. Morrison	
T. Tubb		T. Granite	T. Todilto	
T. Drinkard		T. Delaware Sand	T. Entrada	
T. Abo		T. Bone Springs	T. Wingate	
T. Wolfcamp		T. Tansil	2646	T. Chinle
T. Penn.			T. Permian	
T. Cisco (Bough C)			T. Penn. "A"	

OIL OR GAS SANDS OR ZONES

OIL OR GAS SANDS OR ZONES			
No. 1, from	4460	to	4464
No. 2, from	4512	to	4516
No. 3, from	4645	to	4658
No. 4, from		to	
No. 5, 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.

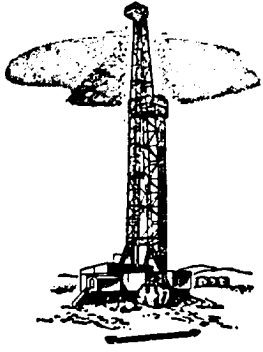
No. 2, from to feet.

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
0	1510	1510	Rd. shales, anhy, salt & sd.				
1510	2843	1333	Anhy, shale, sand				
2843	4712	1869	Dolo, shale, sand				



Telephone (505) 748-2205

L & M DRILLING, INC. — Oil Well Drilling Contractors

P. O. BOX 470 / ARTESIA, NEW MEXICO 88210

March 29, 1988

Petrus Oil Company, LP
12377 Merit Drive
Suite 1600
Dallas, TX 75251

Attention: Mike Erwin

Re: Petrus 13 State #1
330' FSL & 1750' FEL
Sec. 13, T17S, R33E
Lea County, New Mexico

Dear Mr. Erwin:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
495'	1/2°
720'	1/4°
847'	1/4°
1406'	1 1/2°
1501'	1 1/4°
1998'	3/4°
2528'	1°
2994'	1°
3556'	1 1/4°
3994'	1°
4705'	1°

Very truly yours,

B. N. Muncy Jr.
President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 29th day of March, 1988.

NOTARY PUBLIC



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
2516-B	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL <input checked="" type="checkbox"/> WELL GAS <input type="checkbox"/> WELL OTHER- <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator		8. Farm or Lease Name	
Petrus Oil Company, L. P.		State D	
3. Address of Operator		9. Well No.	
12377 Merit Drive, Suite 1600 Dallas, Texas 75251		7	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER 0 330 FEET FROM THE South LINE AND 1750 FEET FROM THE East LINE, SECTION 13 TOWNSHIP 17S RANGE 33E NMPM.			
15. Elevation (Show whether DF, RT, GR, etc.)		12. County	
4705' GR		Lea	

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/>	Well Name Change <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Reached total depth of 4705' on 03-26-88. Logged well. Ran 5-1/2" 15.5# J-55 ST/C casing and set at 4703'. Cemented w/1150 sx Pacesetter Lite + 15% salt + 1/4# Celloseal. Tail w/225 sx Class C + 3% salt. Plugdown at 8:00 pm. Tested casing to 1000#. Okay.

WELL NAME HAS BEEN CHANGED FROM THE STATE 13 #1 TO STATE D #7.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Suzann Welch Suzann Welch TITLE Regulatory Coordinator DATE 04-28-88

APPROVED BY Paul Kautz Geologist TITLE Geologist DATE 04-28-88
CONDITIONS OF APPROVAL, IF ANY: