

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

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SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

3a. Indicate Type of Lease
State Lee

5. State Oil & Gas Lease No.
-

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

1b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER **Re-enter**

7. Unit Agreement Name
-

8. Farm or Lease Name
Lee

2. Name of Operator
Apollo Energy, Inc.

3. Address of Operator
Box 1737, Hobbs, New Mexico 88240

9. Well No.
1

10. Field and Pool, or Wildcat
Vacuum Abo Reef

4. Location of Well
UNIT LETTER **G** LOCATED **.2310** FEET FROM THE **East** LINE AND **1980** FEET FROM

12. County
Lea

5. THE **North** LINE OF SEC. **2** TWP. **18S** RGE. **35E** NMPM

15. Date Spudded 12-17-80	16. Date T.D. Reached 12-21-80	17. Date Compl. (Ready to Prod.) Recompl. 5-2-81	18. Elevations (DF, RNB, RT, GR, etc.) 3895' GL	19. Elev. Casinghead -
20. Total Depth 9200'	21. Plug Back T.D. 8745'	22. If Multiple Compl., How Many -	23. Intervals Drilled By Rotary Tools All	Cable Tools -

24. Producing Interval(s), of this completion - Top, Bottom, Name
8688' - 8710' Abo

25. Was Directional Survey Made
-

26. Type Electric and Other Logs Run
CNL - CBL

27. Was Well Cured
-

28. 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	334	17 1/2	300 sacks	
8 5/8		3585	11	650 sacks	
5 1/2	15.5	6700	7 7/8	1550 sacks Howco Lite and	
5 1/2	17	9212	7 7/8	350 sacks Class H	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	8730'	-

31. Perforation Record (Interval, size and number) Welex perforated 1 spf: 8688'-8710'	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	8688'-8710'	2000 gals. 15% MCA and 4500 gals. MOD 202.
		72,000# 20/40 sand, 30,000 gals. gelled water

33. PRODUCTION

Date First Production 5-2-81	Production Method (Flowing, gas lift, pumping - Size and type pump) Pump	Well Status (Prod. or Shut-in) Pumping					
Date of Test 5-28-81	Hours Tested 48	Choke Size -	Prod'n. For Test Period 96	Oil - Bbl. 192	Gas - MCF 250	Water - Bbl. 10	Gas - Oil Ratio 1302
Flow Tubing Press. -	Casing Pressure 25	Calculated 24-Hour Rate 96	Oil - Bbl. 96	Gas - MCF 250/D	Water - Bbl. 5	Oil Gravity - API (Corr.) 38° API	

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

Test Witnessed By
M. Y. Merchant, R. D. Lee

35. List of Attachments
Deviation Schedule

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 *M. Y. Merchant* TITLE **Consulting Engineer** DATE **5-28-81**

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 quadruplicate 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 _____ 800 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1720 _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 3390 _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 4200 _____	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 _____ 4855 _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 5308 _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____ - _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ - _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____ - _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ - _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____ - _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 8688 _____	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 8688 _____ to 8710 _____	No. 4, from _____ to _____
No. 2, from 9010 _____ to 9070 _____	No. 5, from _____ to _____
No. 3, from 9120 _____ to 9140 _____	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	350	350	Sand	9110	9200	90	Sand, Shale
350	800	450	Anhydrites and Red Beds				
800	1720	920	Red Beds, Anhydrite, Shale				
1720	3390	1670	Salt				
3390	4200	810	Sand, Anhydrite, Shale				
4200	5308	1108	Sand, Lime, Shale				
5308	8688	3380	Sand, Shale, Lime, Anh.				
8688	8710	22	Sand, Shale				
8710	9010	300	Shale				
9010	9070	60	Sand				
9070	9110	40	Sand				

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