

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. 30-025-27282

10. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	7. Unit Agreement Name -
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐	8. Farm or Lease Name Aztec "36" State

7. Name of Operator Apollo Energy, Inc.	9. Well No. 1
8. Address of Operator Box 1737, Hobbs, N.M. 88240	10. Field and Pool, or Wildcat Jalmat

4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>2200</u> FEET FROM THE <u>South</u> LINE AND <u>330</u> FEET FROM <u>East</u> LINE OF SEC. <u>36</u> TWP. <u>22S</u> RGE. <u>35E</u> NMPM	12. County Lea
--	-------------------

15. Date Spudded 3-23-81	16. Date T.D. Reached 4-8-81	17. Date Compl. (Ready to Prod.) 4-28-81	18. Elevations (DF, RKB, RT, GR, etc.) 3521' GL	19. Elev. Casinghead
20. Total Depth 3811'	21. Plug Back T.D. -	22. If Multiple Compl., How Many -	23. Intervals Drilled By Rotary Tools 0-3472'	24. Producing Interval(s), of this completion - Top, Bottom, Name 3468' - 3811'
				25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run Dresser Atlas: GRN from 3804-2803'	27. 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
10 3/4	40.5	350	14 3/4	325 Class C	-
7	23.0	3468	8 3/4	550 Lite Wate	-

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	3800'	-

31. Perforation Record (Interval, size and number) None	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>Acid:</td> <td>2800 gals. 15% in 3 stages using</td> </tr> <tr> <td>Thru Tubing</td> <td>500# rock salt in 1st & 300# in 2nd.</td> </tr> <tr> <td>Frac:</td> <td>40# gel, 20,000# 20/40 sand, 40,000# 10/20 sand, 1500# rock</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	Acid:	2800 gals. 15% in 3 stages using	Thru Tubing	500# rock salt in 1st & 300# in 2nd.	Frac:	40# gel, 20,000# 20/40 sand, 40,000# 10/20 sand, 1500# rock
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED								
Acid:	2800 gals. 15% in 3 stages using								
Thru Tubing	500# rock salt in 1st & 300# in 2nd.								
Frac:	40# gel, 20,000# 20/40 sand, 40,000# 10/20 sand, 1500# rock								

33. Date First Production 5-18-81	Production Method (Flowing, gas lift, pumping - Size and type pump) 1 1/2" Pump	Well Status (Prod. or Shut-in) Shut-in					
Date of Test 5-18-81	Hours Tested 24	Choke Size -	Prod'n. For Test Period 50	Oil - Bbl. 50	Gas - MCF 100	Water - Bbl. 150	Gas - Oil Ratio 2000
Flow Tubing Press. -	Casing Pressure 30	Calculated 24-Hour Rate 50	Oil - Bbl. 50	Gas - MCF 100	Water - Bbl. 150	Oil Gravity - API (Corr.) 37	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented	Test Witnessed By M. Y. Merchant-M. B. Watson
--	--

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 <u>M. Y. Merchant</u>	TITLE <u>Consulting Engineer</u>	DATE <u>6-2-81</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. <u>855</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt <u>1660</u>	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt <u>3450</u>	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>3525</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <u>3644</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Giorietta	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 3644 to 3799 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
0	300	300	Fresh water sand				
300	1655	1355	Red Beds, Anhydrite				
1655	3450	1795	Salt				
3450	3525	75	Anhydrite, Shale				
3525	3644	119	Sand, Lime, Shale				
3644	3811	167	Sand & Lime. Dolo.				

OIL AND GAS DIVISION

18. 2 NOV

RECEIVED