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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 11-1-78

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10. TYPE OF WELL

1. TYPE OF COMPLETION

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

APR 26 1979

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

ARCO Oil and Gas Company

O. C. C.
ARTESIA, OFFICE

3. Address of Operator

Box 1710, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER L LOCATED 2400 FEET FROM THE South LINE AND 500 FEET FROM

THE West LINE OF SEC. 34 TWP. 17S RGE. 28E

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.

B-2071-24

6. Unit Agreement Name

Empire Abo Pressure Maintenance Project

7. Farm or Lease Name

Empire Abo Unit "G"

8. Well No.

334

10. Field and Pool, or Wildcat

Empire Abo

15. Date Spudded 2/12/79 16. Date T.D. Reached 2/26/79 17. Date Compl. (Ready to Prod.) 4/4/79 18. Elevations (D.F. RKB, RT, GR, etc.) 3661.4' GR 19. Elev. Casinghead

20. Total Depth 6350' 21. Plug Back T.D. 6319' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-6350' Cable Tools

24. Producing Interval(s), at this completion - Top, Bottom, Name 25. Was Directional Survey Made

6230-6242' Abo Reef

No

26. Type Electric and Other Logs Run GR-DLL w/RXO, GR-CNL w/FDC 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" OD	24# K-55	750'	11"	435 sx	
5-1/2" OD	15.5# K-55	6350'	7-7/8"	1420 sx	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"OD	5986'	5986'

31. Perforation Interval (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

6230-6242' - 24 .48" holes

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6230-6242'	2000 gal gel CaCl wtr, 2000 gal gel LC, 1500 gal 15% HCL-LSTNE-FE acid.
6230-6242'	2000 gal LC, 2500 gal 15% HCL-LSTNE-FE acid, flushed w/LC.

33. PRODUCTION

Date First Production 3/15/79 Production Method (Flowing, gas lift, pumping - Size and type pump) Pmpg - Hydraulic pump Well Status (Prod. or Shut-in) Prod

Date of Test 4/18/79 Hours Tested 24 hrs Casing Size 239 Prof'n. Per Test Interval 116 Oil - Bbl. 7 Gas - MCF 485:1 Water - Bbl.

Flow Testing Press. Casing Pressure 44° Pkr 239 116 7 Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.) 35. Test Witnessed By

Sold

N. H. Truitt

35. List of Attachments

Logs as listed in Item 26 above & Inclination Report

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 [Signature] TITLE Dist. Drlg. Supt. DATE 4/25/79

INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Commission not later than _____ days after the completion of any newly-drilled or deepened well. It shall be accompanied by _____ a copy of all electrical and radio-activity logs run _____ 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 20 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 _____	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 Qtzte _____
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 _____ 5758'	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 _____ 6230' _____ to _____ 6242' _____ 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 _____ 1710' _____ to _____ 2250' _____ feet. _____ ARO 1 gal/min

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	750	750	Surface, Caliche, sand & red bed				
750	3445	2695	Anhydrite & Lime				
3445	3974	529	Anhydrite				
3974	4110	136	Anhydrite & Lime				
4110	4292	182	Anhydrite				
4292	4507	215	Anhydrite & Lime				
4507	4757	250	Anhydrite				
4757	5943	1186	Anhydrite & Lime				
5943	6350	407	Lime				

ARCO G-334

D. O. C.
ANTHONY, OFFICE

DAN R. PARKHURST, V. PRES.
X-PERT DRILLING CO., INC.

3-2-81