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Form C-105
Revised 11-1-68

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

RECEIVED

JUN 1 1979

1. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER

2. TYPE OF COMPLETION

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

OTHER

3. Name of Operator

ARCO Oil & Gas Company

Division of Atlantic Richfield Company

4. Address of Operator

Box 1710, Hobbs, New Mexico 88240

5. Location of Well

WELL LETTER F LOCATED 2300 FEET FROM THE North LINE AND 1675 FEET FROM

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

15. Date Spudded 4/18/79 16. Date T.D. Reached 5/6/79 17. Date Compl. (Ready to Prod.) 5/23/79 18. Elevations (DF, RAB, RT, GR, etc.) 3662.2' GR 19. Elev. Casinghead

20. Total Depth 6382' 21. Plug Back T.D. 6340' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-6382' Cable Tools

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

6222-6242' Abo Reef

25. Was Directional Survey Made Yes -
Core Orientation

26. Type Electric and Other Logs Run

GR-DLL w/RX0, GR-FDC, CNL w/caliper, GR-N, GR-VDC Sonic

27. Was Well Cored Yes

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"	313 sx	
5-1/2" OD	15.5# K-55	6382'	7-7/8"	1940 sx	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	6115'	6115'

31. Perforation Record (Interval, size and number)

6222-6242' - 2 JSPF - 40 .44" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6222-6242'	150 gal 15% HCL-LSTNE-FE acid, 1000 gal gelled CaCl, 1000 gal gelled LC, 1000 gal 15% HCL-LSTNE-FE acid & 24 BLC.

33. PRODUCTION

Date First Production <u>5/23/79</u>		Production Method (Flowing, gas lift, pumping - Size and type pump) <u>Flwg</u>				Well Status (Prod. or Shut-in) <u>Prod</u>	
Date of Test <u>5/27/79</u>	Hours Tested <u>24 hrs</u>	Choke Size <u>48/64"</u>	Prod'n. For Test Period <u> </u>	Oil - Bbl. <u>238</u>	Gas - MCF <u>149</u>	Water - Bbl. <u>1</u>	Gas - Oil Ratio <u>473:1</u>
Flow Tubing Press. <u>90#</u>	Casing Pressure <u>Pkr</u>	Calculated 24-Hour Rate <u> </u>	Oil - Bbl. <u>238</u>	Gas - MCF <u>149</u>	Water - Bbl. <u>1</u>	Oil Gravity - API (Corr.) <u>44°</u>	

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

Sold

Test Witnessed By

N. H. Truitt

35. List of Attachments

Logs as listed in Item 26 above, Core, DST & Inclination Reports

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. Drilg. Supt.

DATE

5/31/79

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 _____ 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 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. 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. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 5760'	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 _____ 6222' _____ 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 _____ to _____	feet. None encountered
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, sd, red bed				
750	1470	720	Anhydrite				
1470	1710	240	Anhydrite & Shale				
1710	3300	1590	Anhydrite				
3300	4790	1490	Anhydrite & Lime				
4790	5691	901	Lime & Shale				
5691	6030	339	Lime, Anhydrite				
6030	6382	352	Lime				