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

Form C-105
Revised 8-1-68

1. Indicate Type of Lease	State ☐	Fee ☒
2. State of Lease Lease No.		

10. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☒ DRY ☐ OTHER _____
b. TYPE OF COMPLETION	
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____	

2. Name of Operator **ARCO Oil and Gas Company**
Division of Atlantic Richfield Company

3. Address of Operator
Box 1710, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER F LOCATED 1650 FEET FROM THE North LINE AND 1980 FEET FROM

THE West LINE OF SEC. 21 TWP. 22S RGE. 36E NMPM

15. Date Spudded 10/10/78 16. Date T.D. Reached 2/14/79 17. Date Compl. (Ready to Prod.) 6/2/79 18. Elevations (DF, RKB, RT, GR, etc.) 3525.7' GR 19. Elev. Casinghead

20. Total Depth 16,302' 21. Plug Back T.D. 14,673' 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By _____ Rotary Tools _____ Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
12381-12606' Devonian Gas

25. Was Directional Survey Made No

26. Type Electric and Other Logs Run GR-Caliper, Dual Induction Laterolog, Sonic, GR, GR-BHC, Acoustilog caliper, GR-Comp Neutron Density, Dipmeter & CB-GR-CL 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
30"	Conductor Pipe	40'	36"	6 yds Redi Mix	
13-3/8" OD	54.5# K-55	1407'	17 1/2"	1000 sx	
9-5/8" OD	36# K-55	6230'	12 1/4"	3290 sx	
7" OD	23,26,29# SS-95	16300'	8-3/4"	2725 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8" OD	12,310'	12,310'

31. Perforation Record (Interval, size and number)
12381, 89, 12415, 26, 39, 54, 66, 76, 86, 95, 12543, 53, 69, 77, 82, 92, 12606' = 1 JS ea int 18 - .35" holes

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

33. PRODUCTION							
Date First Production <u>6/2/79</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>7/16 to 7/20/79</u>	Hours Tested <u>96</u>	Choke Size <u>Various</u>	Prod'n. For Test Period <u>→</u>	Oil - Bbl. <u>1429</u>	Gas - MCF <u>9157</u>	Water - Bbl. <u>44</u>	Gas - Oil Ratio <u>7550:1</u>
Flow Tubing Press. <u>2022#</u>	Casing Pressure <u>Pkr</u>	Calculated 24-Hour Rate <u>→</u>	Oil - Bbl. <u>357</u>	Gas - MCF <u>2289</u>	Water - Bbl. <u>11</u>	Oil Gravity - API (Corr.) <u>53.6°</u>	

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

35. List of Attachments
Logs as listed in Item 26 above, DST, Core Reports & 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. Drlg. Supt. DATE 7/25/79

INSTRUCTIONS

This form is to be filed with the State District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including full 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 110.5.

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 9160'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 10260'	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3148'	T. Miss Lm 11416'	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian 12195'	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya 14100'	T. Mancos	T. McCracken
T. San Andres 4423'	T. Simpson 14530'	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger 15606'	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 7850'	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T. Fusselman 13,670'	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 12,381' to 12,606'	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	371	371	Surface, sd, Red Bed	10893	11080	187	Shale, Sd, Lime
371	1139	768	Red Bed, Shale	11080	11254	174	Lime, Shale
1139	1410	271	Red Bed, Anhydrite	11254	11291	37	Lime, Shale, Dolo
1410	1717	307	Anhydrite	11291	11801	510	Lime, Chert
1717	3316	1599	Anhydrite	11801	11904	103	Lime & Shale
3316	4444	1128	Lime, Anhydrite	11904	12187	283	Shale
4444	4706	262	Lime	12187	12323	136	Lime
4706	5384	678	Lime, Anhydrite	12323	12420	97	Dolo, Lime
5384	8131	2747	Lime	12420	12717	297	Dolo
8131	8252	121	Lime & Dolomite	12717	13653	936	Lime
8252	8336	84	RECEIVED	13653	14151	498	Lime & Dolo
8336	8966	630	Lime & Shale	14151	14321	170	Lime, Dolo, Chert
8966	9011	45	Chert, Dolo, Lime, Shale	14321	14390	69	Lime, Chert
9011	9106	95	Dolo & Shale	14390	14989	599	Lime, Shale
9106	9241	135	Dolo, Lime & Shale	14989	15129	140	Sand & Shale
9241	9415	174	Lime, Chert	15129	15185	56	Lime, Shale
9415	9812	397	Lime, Shale & Chert	15185	15447	267	Lime, Sd, Shale
9812	10440	628	Lime, Chert	15447	15610	163	Dolo, Sd, Shale