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Form C-105
Revised 11-1-78

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

5a. Indicate Type of Lease	
State ☐	Fee ☒
5b. State Oil & Gas Lease No.	

1a. TYPE OF WELL		7. Unit Agreement Name	
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐			
1b. TYPE OF COMPLETION		8. Firm or Lease Name	
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REGR. ☐ OTHER ☐		Langley Boren Com	

2. Name of Operator	9. Well No.
ARCO Oil and Gas Company Division of Atlantic Richfield Company	1

3. Address of Operator	10. Production Pool, or Wildcat
Box 1710, Hobbs, New Mexico 88240	Langley Devonian Gas

4. Location of Well		11. County	
UNIT LETTER <u>H</u> LOCATED <u>1780</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM		Lea	

THE <u>East</u> LINE OF SEC. <u>20</u> TWP. <u>22S</u> RGE. <u>36E</u> NMPM	12. State
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15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
3/29/79	7/4/79	8/9/79	3547' GR	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
15,550'	15,455'			0-15,550'	

24. Producing interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
12,553-12,633' Devonian Gas	Yes

26. Type Electric and Other Logs Run	27. Was Well Cored
CNL, FDC-GR, Dual Induction, Sonic, Dipmeter, CBL-GR Collar	Yes

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20" conductor		65'	26"	R-M	
13-3/8" OD	54.50#	1395'	17 1/2"	1090 sx	
9-5/8" OD	36#	6204'	12 1/4"	1400 sx	
7" OD	23, 26, 29#	15548'	8-3/4"	1675 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	12,464'	12,452'

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	12,553-12,633'	15,000 gals 15% PS-30 acid

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
8/9/79		Flwg				Prod	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
8/28/79	4-pt	various		0	749	14	-
Flow Tubing Press. 1st pt 2595# 4th pt 1858#	Casing Pressure Pkr	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
			-	2247	124	-	

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

35. List of Attachments
Logs as listed in Item 26 above, DST, Core Reports, Directional Survey & Inclination Data were filed w/Ellenburger Gas completion

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 9/5/79

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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	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 11,470'	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian 12,212'	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya 13,986'	T. Mancos	T. McCracken
T. San Andres 4512'	T. Simpson 14,370'	T. Gallup	T. Ignacio Qtzite
T. Glorieta 5945'	T. McKee 14,608'	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger 15,110'	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	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T. Fusselman 13,630'	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 15,148' to 15,407' Ellenburger	No. 1, from
No. 2, from 12,553' to 12,633' Devonian	No. 5, from
No. 3, from	No. 6, from

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	feet.	None encountered
No. 2, from	feet.	
No. 3, from	feet.	
No. 4, from	feet.	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1090	1090	Surface & Red Bed	10804	11390	586	Shale
1090	1260	170	Red Bed & Anhy	11390	11459	69	Shale, Lime
1260	1395	135	Anhy	11459	11687	228	Lime, Chert, Shale
1395	1864	469	Anhy & Shale	11687	11926	239	Lime
1864	2843	979	Salt, Sand, Shale	11926	12017	91	Shale, Lime
2843	4096	1253	Anhy	12017	12197	180	Shale
4096	4575	479	Anhy & Salt	12197	12332	135	Lime
4575	5764	1189	Anhy, Sand, Lime	12332	12603	271	Lime, Dolo
5764	8635	2871	Lime	12603	12687	84	Dolo
8635	9015	380	Lime & Dolo	12687	12751	64	Dolo, Lime
9015	9080	65	Dolo	12751	13742	991	Lime, Chert
9080	9176	96	Lime, Shale	13742	13958	216	Lime & Dolo
9176	9238	62	Lime, Dolo, Chert	13958	14008	50	Dolo, Chert
9238	9635	397	Lime	14008	14316	308	Lime, Chert
9635	9702	67	Lime & Chert	14316	14364	48	Lime
9702	10351	649	Lime	14364	14399	35	Lime, Shale, Sand
10351	10804	453	Lime & Shale	14399	14561	162	Lime