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Form O-105
Revised 11-88

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

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	157

1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

1b. TYPE OF COMPLETION

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

7. Unit Agreement Name

8. Name or Lease Name

State 157 "D"

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

9. Well No.

15

3. Address of Operator

Box 1710, Hobbs, New Mexico 88240

10. Field and Pool, or Wildcat

Drinkard

4. Location of Well

UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 940 FEET FROM

12. County

Lea

THE West LINE OF SEC. 12 TWP. 22S RGE. 36E NMPM

15. Date Spudded 2/20/80 16. Date T.D. Reached 3/6/80 17. Date Compl. (Ready to Prod.) 4/12/80 18. Elevations (DF, RKB, RT, GR, etc.) 3497.1' GR 19. Elev. Casinghead

20. Total Depth 6800' 21. Plug Back T.D. 6742' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-6800' Cable Tools

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

6619-6688' Drinkard

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

Comp Neutron Form Density, Dual Laterolog, Micro SFL, CBL

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
9-5/8" OD	36# K-55	1218'	12 1/4"	550 sx	Circ
5 1/2" OD	15.5# K-55	6800'	8-3/4"	3810 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	6716'	-

31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6619, 22, 24, 35, 44, 46, 57, 60, 62, 67, 70, 72, 75, 81, 86, 88' = 16 .48" holes				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
				6619-6688'	2000 gals 15% HCL-NE acid,
					17,250 gals Titan XL3 w/CO2
					& 40,250# sd

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
4/12/80		Pmpg - 2 1/2 x 1 1/4" x 16"				Prod	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5/3/80	24 hrs	-	→	4	28	38	7000:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
-	-	→	4	28	38	39.10	

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

Sold

Test Witnessed By

Jerry Guy

35. List of Attachments

Logs as listed in Item 26 above and 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 5/8/80

INSTRUCTIONS

This form is to be filed 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 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 _____ 2754'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2992'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3440'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3747'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4026'	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta _____ 5257'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____ 5688'	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6330'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____ 6615'	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 _____ 6619' _____ to _____ 6688' _____	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	868	868	Surface & Red Bed, Sand				
868	1255	387	Red Bed & Anhydrite				
1255	1305	50	Anhydrite				
1305	2425	1120	Anhydrite & Salt				
2425	4405	1980	Anhydrite				
4405	5725	1320	Lime				
5725	5800	75	Lime & SD				
5800	6205	405	Lime & Sand				
6205	6490	285	Lime & Shale				
6490	6560	70	Lime				
6560	6630	70	Lime & Sand				
6630	6765	135	Lime				
6765	6800	35	Lime, Shale, Sand				