

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas 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 & Gas Company
Division of Atlantic Richfield Company

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

4. Location of Well

UNIT LETTER F LOCATED 1650 FEET FROM THE North LINE AND 2310 FEET FROM

RANGE West LINE OF SEC. 33 TWP. 23S RGE. 36E NMPM

15. Date Spudded 2-9-81 16. Date T.D. Reached 2-16-81 17. Date Compl. (Ready to Prod.) 4-8-81 18. Elevations (DF, RKB, RT, GR, etc.) 3415.5' GL 19. Elev. Casinghead

20. Total Depth 3748' 21. Plug Back T.D. 3730' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-3748' Cable Tools

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

3480-3706' Yates 7R Qn

25. Was Directional Survey Made No

26. Type Electric and Other Logs Run

CDL-CNL, DLL GR w/Caliper

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	1287'	12-1/4"	600 SX	
5-1/2" OD	15.5# K-55	3748'	7-7/8"	850 SX	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	3686'	

31. Perforation Record (Interval, size and number)

3480, 86, 91, 3503, 24, 32, 41, 48, 75, 80, 86, 92, 3616, 20, 29, 37, 42, 47, 52, 64, 70, 76, 82, 3701, 06' = 25 - .42" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3480-3706'	3000 gals HCL-NE acid
3480-3706'	40,000 gals gelled KCL wtr,
	20,000 gals CO ₂ , 106,000# sd.

33. PRODUCTION

Date First Production 3-23-81		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2" X 1 1/2" X 12' rod				Well Status (Prod. or Shut-in) Prod.	
Date of Test 6-11-81	Hours Tested 24	Choke Size	Prod'n. For Test Period	Oil - Bbl. 22	Gas - MCF 73	Water - Bbl. 5	Gas - Oil Ratio 3318:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 22	Gas - MCF 73	Water - Bbl. 5	Oil Gravity - API (Corr.) 33.8°	

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

Sold Test Witnessed By Morgan Wolfe

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 W. Daniel / J.W. Schmidt TITLE Dist. Drlg. Supt. DATE 6-12-81

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 _____ 2880'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3090'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3475'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3670'	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 _____	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 3480' to 3706' 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	1248	1248	Surface & Red Bed				
1248	1771	523	Anhydrite				
1771	2487	716	Salt & Anhydrite				
2487	2883	396	Anhydrite & Salt				
2883	3748	865	Lime				