

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL 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.	
7. Unit Agreement Name	
8. Farm or Lease Name	
W. H. Harrison "D" WN	
9. Well No.	
7	
10. Field and Pool, or Wildcat	
Jalmat Yates 7R	
12. County	
Lea	

1a. 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					
3. Address of Operator: Division of Atlantic Richfield Company					
Box 1710, Hobbs, New Mexico 88240					
4. Location of Well					
UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM					

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
4/23/81	5/1/81	7/1/82	3251.8' GR	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	24. Was Directional Survey Made
3756'	3395'		Rotary Tools 0-3756'	No
24. Producing Interval(s), of this completion - Top, Bottom, Name				
3654-3687 & 3431-3510' 7R Qn				

25. Type Electric and Other Logs Run	27. Was Well Cored
CNL-FDC w/Caliper, DLL-RXO, CBL	No

29. 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	1165'	12 1/4"	750 sx	
5 1/2" OD	15.5# K-55	3756'	7-7/8"	1000 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	3204'	-

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
2971, 76, 80, 96, 3000, 13, 18, 22, 30, 40, 48, 61, 70, 74, 78, 89, 93, 3117, 22, 26, 40, 44, 48, 56, 62, 3206, 12, 3336, 39, 42, 50, 54, 57' = 33 .50" holes	<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>2971-3357'</td> <td>3000 gals 15% NEA FE acid & frac'd w/ 25,000 gals gel, 25,000 gals CO₂, 110,000# sd & flushed w/35 bbls CO₂ & 35 bbls 2% KCL wtr.</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	2971-3357'	3000 gals 15% NEA FE acid & frac'd w/ 25,000 gals gel, 25,000 gals CO ₂ , 110,000# sd & flushed w/35 bbls CO ₂ & 35 bbls 2% KCL wtr.
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED				
2971-3357'	3000 gals 15% NEA FE acid & frac'd w/ 25,000 gals gel, 25,000 gals CO ₂ , 110,000# sd & flushed w/35 bbls CO ₂ & 35 bbls 2% KCL wtr.				

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
6/16/82		Pmpg - 2" x 1 1/2" x 16' rod				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7/5/82	24	-		25	400	1	16,000:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
-	-		25	400	1	33°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
To be sold when permanent tank battery is installed	Jerry Guy

35. List of Attachments
None - Logs & Inclination Report furnished on initial completion in LM.

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 <u>[Signature]</u>	TITLE <u>Drlg. Engr.</u>	DATE <u>7/9/82</u>
---------------------------	--------------------------	--------------------

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 2946'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 3238'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 3525'	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. Elinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	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 2971' to 3357'	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	898	898	Surface & Red Bed				
898	1153	255	Anhy & Clay				
1153	1213	60	Anhy				
1213	1545	332	Salt & Anhydrite				
1545	2561	1016	Salt				
2561	3152	591	Anhy				
3152	3756	604	Anhy & Lime				

RECEIVED
JUL 13 1982
OIL
FIELD OFFICE