

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.O.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.

10. Field and Pool, or Wildcat

Langlie Mattix 7R On

12. County

Lea

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

P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROMTWP. 24S RGE. 37E NMPM

15. Date Spudded

4/23/81

16. Date T.D. Reached

5/01/81

17. Date Compl. (Ready to Prod.)

7/13/81

18. Elevations (DF, RAB, RT, GR, etc.)

3251.8' GR

19. Elev. Casinghead

20. Total Depth

3756'

21. Plug Back T.D.

3704'

22. If Multiple Compl., How Many

23. Intervals Drilled By Rotary Tools

0-3756'

Cable Tools

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

3654-3687' & 3431-3510' 7 Rivers Qn

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

CNL-FDC w/Caliper, DLL-RXO, CBL

27. Was Well Cored

No

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	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8" OD	3671'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3654, 3660', 3670, 3680, 3687'=5-.50" holes		3654-3687'	1000 gal 15% HCL NEFE Acid
3431, 39, 43, 58, 72, 90, 3504, 3510'=15-.50" holes		3431-3600'	1500 gal 15% HCL NEFE Acid
		3431-3687'	3100 sx Cl C cmt w/2% CaCl ₂
		(cont'd on attached page) 2	

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
5/16/81		Pumping - 2 1/2 x 1 1/2 x 12' rod				Prod	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
8/09/81	24	64/64"		0	27	121	-
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
-	24#		0	27	121	-	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
To be sold when PL connection is complete	Morgan Wolfe

35. List of Attachments
Logs as listed in Item 26 above & 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

TITLE Dist. Drlg. Supt.

DATE 8/10/81

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 _____ 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 Qtzite _____
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 _____ 3654' to _____ 3687'	No. 4, from _____ to _____
No. 2, from _____ 3431' to _____ 3510'	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	Anhydrite & Clay				
1153	1213	60	Anhydrite				
1213	1545	332	Salt & Anhydrite				
1545	2561	1016	Salt				
2561	3152	591	Anhydrite				
3152	3756	604	Anhydrite & Lime				

RECEIVED

AUG 17 1981