

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.	

a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER WIW

b. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER2. 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 FROMTHE West LINE OF SEC. 27 TWP. 22S RGE. 36E NMPM15. Date ~~Commenced~~ 16. Date T.D. Reached 9/19/83 17. Date Compl. (Ready to ~~Inject~~) 9/30/83 18. Elevations (DF, RKB, RT, GR, etc.) 3510' GR 19. Elev. Casinghead20. Total Depth 3885' 21. Plug Back T.D. 3884' 22. If Multiple Compl., How Many Inject 23. Intervals Drilled By: Rotary Tools 0-3885' Cable Tools

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

3733-3822' Seven Rivers Queen

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

GR-Neutron

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	32#	1467'	11"	400	
5 1/2" OD	14#	3787'	7-7/8"	500	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
3 1/2"	3548'	3883'	75		2-3/8" OD	3550'	3516'

31. Perforation Record (Interval, size and number)

3795, 98, 3801, 04, 07, 10, 12, 14, 16, 18, 20,
22' = 12 .29" holes
3733, 35, 37, 39, 41, 43, 45, 59, 61, 63, 76, 78,
80' = 26 .29" holes.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3795-3822'	1000 gal 15% NEA & 5000 gal Mini-Max III & 12,500# sd
3733-3780'	4500 gal 15% NEA & 3500 gal Mini-Max III-40 & 6500# sd

33. PRODUCTION

Date First Production <u>Injection</u>	Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
<u>9/30/83</u>	<u>Water Injection Well</u>				<u>Injecting</u>	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)

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

Test Witnessed By

Morgan Wolfe

35. List of Attachments

GR-Neutron Log

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 Elizabeth L. BushTITLE Drlg. Engr.DATE 10/25/83

INSTRUCTIONS

This form is to be filled 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 filled in quadruplicate 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 1456'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt 1562'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt 3030'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3198'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 3416'	T. Devonian	T. Menefee	T. Madison
T. Queen 3776'	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. 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.

Water Injection

~~XXXXXXXXXX~~

SANDS OR ZONES

No. 1, from 3733' to 3822'	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	
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	50	50	Surf sd & Caliche				
50	1456	1406	Red Beds				
1456	1562	106	Anhy w/shale strks				
1562	3030	1468	Salt w/shale & anhy strks				
3030	3198	168	Anhy & dol w/shale strks				
3198	3788	590	Dol & sand w/shale & anhy strks				
Deepened							
3788	3885'	TD	Lime, anhy & shale				