

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2038

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.O.S.	2
LAND OFFICE	1
OPERATOR	

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-7244

10. TYPE OF WELL ☒ OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER

MAR 24 1981

b. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☒ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER2. Name of Operator ARCO Oil & Gas Company
Division of Atlantic Richfield Company3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER 0 LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM

East 2 18S 27E

THE LINE OF SEC. TWP. RGE. MAP

7. Unit Agreement Name

8. Farm or Lease Name

Empire Abo Unit "L"

9. Well No.

15

10. Field and Pool, or Wildcat

Empire Abo

12. County Eddy

15. Date Spudded ~~WO~~ 1/26/81 16. Date T.D. Reached 2/19/81 17. Date Compl. (Ready to Prod.) 3/02/81 18. Elevations (DF, RKB, RT, GR, etc.) 3560' GR 19. Elev. Casinghead

20. Total Depth 6135' 21. Plug Back T.D. - 22. If Multiple Compl., How Many - 23. Intervals Drilled By: Rotary Tools Cable Tools 6122-6135'

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

6122-6135' OH Abo Reef

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run

GR-N, Sonic, TDT, VDL, CBL Original Comp

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# J-55	972'	12 1/4"	750 sx	
5 1/2" OD	14# J-55	6122'	7-7/8"	150 sx	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8" OD	6091'
						6091'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6122-6135' OH		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		6042-62'	Cmt squeezed w/250 sx Cl C
		5430-32'	Cmt sqzd w/425 sx Cl C & LWL
		5140-42'	Cmt sqzd w/1025 sx
		6122-6135'	3,000 gals 60/40 DAD & 20 BLO

33. PRODUCTION							
Date First Production 2/24/81		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - Unidraulic				Well Status (Prod. or Shut-in) Prod	
Date of Test 3/10/81	Hours Tested 24	Choke Size -	Prod'n. For Test Period →	Oil - Bbl. 116	Gas - MCF 307	Water - Bbl. 0	Gas - Oil Ratio 1919:1
Flow Tubing Pressn. -	Casing Pressure -	Calculated 24-Hour Rate →	Oil - Bbl. 116	Gas - MCF 307	Water - Bbl. 0	Oil Gravity - API (Corr.) 44°	

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

Test Witnessed By

N. H. Truitt

35. List of Attachments

None-All logs and Inclination Report furnished on Original Comp. date.

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

3/17/81

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 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>1830'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Quiz _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>5155'</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Ciaco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>6122'</u> to <u>6135'</u>	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. <u>None Encountered</u>
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	295	295	Red Bed	4286	4675	389	Lime
295	375	80	Anhy, Gyp, Potash	4675	4742	67	Lime, Dolomite
375	972	597	Anhy, Gyp	4742	4915	173	Lime
972	997	25	Anhy	4915	5023	108	Lime & Dolomite
997	1192	195	Anhy, Gyp	5023	5035	12	Lime
1192	1555	363	Anhy	5035	5155	120	Lime & Sand
1555	1973	418	Sand, Lime	5155	5202	47	Dolomite & sand
1973	2870	897	Lime	5202	5383	181	Lime
2870	2875	5	Sand, Lime	5383	5525	142	Lime & Dolomite
2875	3521	646	Lime	5525	5679	154	Lime
3521	3595	74	Lime, Dolomite	5679	5781	102	Lime & Dolomite
3595	3759	164	Lime	5781	5853	72	Lime
3759	3841	82	Lime, Dolomite	5853	5959	106	Lime & Dolomite
3841	4063	222	Lime	5959	6122	163	Dolomite
4063	4286	223	Lime, Dolomite	6122	6135	13	Dolomite
				New	TD		