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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

SEP 13 1979

1. Indicate Type of Lease	
State ☒	Fee ☐
2. State of Lease No.	
K-2715	

3. Indicate Project Name	
Empire Abo Pressure Maintenance Project	
4. Name of Lease	
Empire Abo Unit "K"	
5. Well No.	
23	

6. Field and Pool, or Wildcat	
Empire Abo	

7. County	
Eddy	

10. TYPE OF WELL	
OIL WELL ☒	GAS WELL ☐
11. 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	
Box 1710, Hobbs, New Mexico 88240	

4. Location of Well	

UNIT LETTER	J	LOCATED	2260.50	FEET FROM THE	South	LINE AND	2269.44	FEET FROM
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THE	East	LINE OF SEC.	6	TWP.	18S	RGE.	28E	NVRM
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15. Date Spaced	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
5/1/79	5/10/79	9/1/79	3656' GR	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	24. Compl Rig	25. Cable Tools
6310'	-			6197-6310'	

24. Producing Interval(s), of this completion - Top, Bottom, Name		25. Was Directional Survey Made
6280-6292' Abo Reef		No

26. Type Electric and Other Logs Run		27. Was Well Cored
CNL, DLL, CBL-GR		No

28. CASING RECORD (Report all strings set in well)					
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CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-3/4" OD	24#	1030'	12 1/2"	900 sx	None
5 1/2" OD	14 & 15.5#	6195'	7-7/8"	150 sx	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8" OD	6073'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6280-6292' (2 JSPF = 24 .48" holes)			

33. PRODUCTION		Well Status (Prod. or Shut-in)	
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Prod	
5/23/79	Pmpg		
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period
9/2/79	24		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.
-	-		160

34. Disposition of Gas (Sold, used for fuel, vented, etc.)		Test Witnessed By	
Sold		N. H. Truitt	

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

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.	
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SIGNED	TITLE	DATE
<i>[Signature]</i>	Dist. Drlg Supt.	9/6/79

This form is to be filed with the appropriate District Office of the Commission 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 radioactivity logs run in the well and a summary of all special tests conducted, including drill stem tests. All data reported shall be measured by this, in the case of directionally drilled wells, two vertical depths shall also be reported. For multiple completions, items 20 through 24 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See rule 1155.

Northeastern New Mexico

Northern New Mexico

T. Anby	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kittland-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	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Gorteta	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	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	6280	to	6292
No. 2, from		to	
No. 3, from		to	
No. 4, from		to	
No. 5, from		to	
No. 6, from		to	

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

FORMATION RECORD (Attach additional sheets if necessary)	
No. 1, from	to
fct.	
No. 2, from	to
fct.	
No. 3, from	to
fct.	
No. 4, from	to
fct.	
None encountered	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1032	1032	Surf, Red Bed, Anhy				
1791	1032	1791	Anhy, Shale				
3026	1032	1791	Dolomite				
4050	1032	1235	Sandy Dolomite				
4316	1032	266	Dolo				
5165	1032	849	Dolo & Chert				
5608	1032	443	Dolo				
5743	1032	135	Dolo, Lime & Chert				
5743	1032	454	Lime				