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

RECEIVED

APR 23 1979

O.C.C.
ARTESIA, OFFICE

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. B-7244-30
7. Unit Agreement Name Empire Abo Pressure Maintenance Project
8. Form or Lease Name Empire Abo Unit "K"
9. Well No. 131
10. Field and Pool, or Wildcat Empire Abo
11. County Eddy

10. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
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 L	LOCATED 1500	FEET FROM THE South	LINE AND 600	FEET FROM
THE West	LINE OF SEC. 2	TWP. 18S	RGE. 27E	NMP. 10N

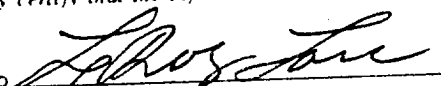
15. Date Spudded 2/21/79	16. Date T.B. Reached 3/14/79	17. Date Compl. (Ready to Prod.) 4/16/79	18. Elevations (DF, R&B, RT, GR, etc.) 3517' GR	19. Elev. Casinghead
20. Total Depth 6145'	21. Plug Back T.D. 6140'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0-6145'	24. Was Directional Survey Made Yes
24. Producing Intervals, at this completion - Top, bottom, Name 6014-6034' Abo Reef				25. Was Well Cored No
26. Type Electric and Other Logs Run CNFD, CPL, DLL, MSFL & CBL				

CASING RECORD (Report all strings set in well)				
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD
8-5/8" OD	24# K-55	1000'	11"	675 sx
5-1/2" OD	15.5# K-55	6145'	7-7/8"	1360 sx

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	5947'	5947'

21. Perforation Record (Interval, size and number) 6014-6034' = 40 .48" holes	22. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	5709-5711'	SQ w/100 sx Thik-set cmt cont'g 2% CaCl & 40 sx Cl C, 2% CaCl
	6014-6034'	Acid w/2300 gal 15% HCL-LSTNE-FE acid, 1000 gal 10#CaCl wtr, 1000 gal gel LC

23. PRODUCTION					24 BLC.		
Date First Production 4/9/79		Production Method (Flowing, gas lift, pumping - Size and type pump) Flwg			Well Status (Prod. or Shut-in) Prod		
Date of Test 4/17/79	Hours Tested 24	Choke Size 48/64"	Pressure at Test Period 190	Oil - Bbl. 190	Gas - MCF 250	Water - Bbl. 0	Gas - Oil Ratio 1316:1
Flow Testing Press. 90#	Casing Pressure Pkr	Calculated 24-Hour Rate 190	Oil - Bbl. 190	Gas - MCF 250	Water - Bbl. 0	Oil Gravity - API (Core) 44°	Test Witnessed By N. H. Truitt
24. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							

25. List of Attachments Logs as listed in Item 26 above, Multi-shot survey & Inclination Report	
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 4/19/79

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radio-activity logs run in 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 _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
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 _____ 5504'	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 _____ 6014' _____ to _____ 6034' _____	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	1000	1000	Surface, caliche, sand, Red Bed				
1000	4650	3650	Anhydrite, Sand				
4650	5193	543	Anhydrite & Lime				
5193	6145	952	Lime				