

1. In Home Type of Lease
State ☒ Fee ☐
2. State Oil & Gas Lease No.
06-103

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

RECEIVED

NO. OF COPIES RECEIVED	6
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	

1a. TYPE OF WELL **BM 1**
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER **OCT 12 1979**

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER **B.C.G. ARTESIA, OFFICE**

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 **2300** FEET FROM THE **South** LINE AND **1570** FEET FROM

THE **East** LINE OF SEC. **6** TWP. **18S** RGE. **28E** NMPM **Eddy**

15. Date Spudded **6/27/78** 16. Date T.D. Reached **7/14/78** 17. Date Compl. (Ready to Prod.) **Dry T/A** 18. Elevations (DF, RKB, RT, GR, etc.) **3653.1' GR** 19. Elev. Casinghead

20. Total Depth **6350'** 21. Plug Back T.D. **6302'** 22. If Multiple Compl., How Many **0-6350'** 23. Intervals Drilled By **Rotary Tools** Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
6272-6310' Abo Reef 25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run
BHC-Sonic, VDL, CNL-FDC w/caliper, GR-N, DLL-Micro SFL 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# K-55	558'	11"	400 SX	
5 1/2" OD	15.5# K-55	6350'	7-7/8"	1730 SX	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8" OD	6174'
						6174'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6272-6284'	24 .44" holes	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6304-6310'	12 .44" holes	6272-6284'	300 gals 15% HCL-LSTNE-FE, 1000 gal 10# CaCl wtr, 1500 gal 60/40 15% HCL-LSNTEA/xylene, 18 BLC.
		(cont'd on attached Page #2)	

33. PRODUCTION
Date First Production **-** Production Method (Flowing, gas lift, pumping - Size and type pump) **Shut in** Well Status (Prod. or Shut-in) **Shut in**
Date of Test **2/5/79** Hours Tested **8 - swab** Choke Size **-** Prodn. Per Test Period **0** Oil - Bbl. **0** Gas - MCF **0** Water - Bbl. **3** Gas - Oil Ratio **-**
Flow Tubing Press. **-** Casing Pressure **-** Calculated 24-Hour Rate **0** Oil - Bbl. **0** Gas - MCF **0** Water - Bbl. **3** Oil Gravity - API (Corr.) **-**

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **None** Test Witnessed By **N. H. Truitt**

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 **[Signature]** TITLE **Dist. Drlg. Supt.** DATE **10/10/79**

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 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 in ft. 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 Qizte _____
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 _____ 6242'	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 _____ 6272' _____ to _____ 6284' _____	No. 4, from _____ to _____
No. 2, from _____ 6304' _____ to _____ 6310' _____	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	558	558	Surface, Red Bed				
558	3919	3361	Anhydrite				
3919	5120	1201	Anhy & Shale				
5120	5240	120	Lime				
5240	6140	900	Lime & Shale				
6140	6187	47	Shale				
6187	6350	163	Lime				

32. Acid, Shot, Fracture, Cement Squeeze, etc.

<u>Depth Interval</u>	<u>Amount & kind Mat'l Used</u>
6272-6284'	1000 gals LC, 4000 gals 15% HCL-LSTNE, 1000 gal 60/40 15%HCL/xylene, 18 BLC.
6304-6310'	3000 gals 15% HCL-NE-FE acid.
6304-6310'	9000 gals super-acid frac emulsion w/50 RCNBS.

OCT 12 1979

FIELD Empire Abo COUNTY Eddy **O. C. C.** OCC NUMBER ARTESIA, OFFICE
OPERATOR Atlantic Richfield Company ADDRESS P. O. Box 1710, Hobbs, New Mexico 88240
LEASE Empire Abo Unit K WELL NO. 232 SURVEY 2300' FSL &
1570' FEL 6-18-28

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
498	1/2
558	1
1016	3/4
1508	2 1/4
2003	2 1/4
2501	2 3/4
2998	1 3/4
3490	1 1/2
4253	1 3/4
4687	1 3/4
4899	2
5206	3 1/2
5442	3 3/4
5687	4
5933	3 3/4
6020	3 3/4
6350	4

Certification of personal knowledge Inclination Data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: [Signature]
Walter Frederickson
Vice President

Sworn and subscribed to before me the undersigned authority, on this the

21ST day of July, 1978.

Margaret B. Anderson Notary Public in and for Midland County, Texas