

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

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State, Loc. & Gas Lease No.
647-368
647-363 647-320

7. Unit Agreement Name
Empire Abo Pressure
Maintenance Project
8. Name of Lease Name
Empire Abo Unit "G"

9. Well No.
352

10. Field and Pool, or Wildcat
Empire Abo

12. County
Eddy

13. Elev. Casinghead

14. Elevations (DF, RKB, RT, GR, etc.)
3662.2' GR

23. Intervals Drilled By
Rotary Tools
Cable Tools
0-6351'

25. Was Directional Survey Made
No

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	750'	11"	402 sx	
5-1/2" OD	15.5# K-55	6351'	7-7/8"	1509 sx	

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	6198'	6198'

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6214-6234'	150 gal HCL-LSTNE-FE acid, 1000 gal gelled CaCl wtr, 1000 gal gelled LC, 1000 gal 15% HCL-LSTNE-FE acid.

33. PRODUCTION

Date First Production
5/20/79
Production Method (Flowing, gas lift, pumping - Size and type pump)
Flwg
Well Status (Prod. or Shut-in)
Prod
Date of Test
5/25/79
Hours Tested
24
Choke Size
48/64"
Prod'n. For Test Period
526
Oil - Bbl.
249
Gas - MCF
0
Water - Bbl.
473:1
Flow Tubing Press.
95#
Casing Pressure
Pkr
Calculated 24-Hour Rate
526
Gas - MCF
249
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
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 5/31/79

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

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. ☐ OTHER ☐

2. Name of Operator
ARCO Oil & Gas Company
Division of Atlantic Richfield Company
D. C. C.

3. Address of Operator
Box 1710, Hobbs, New Mexico 88240
ARTESIA, OFFICE

4. Location of Well

UNIT LETTER J LOCATED 2200 FEET FROM THE South LINE AND 1450 FEET FROM

THE East LINE OF SEC. 34 TWP. 17S RGE. 28E NMPM

15. Date Spudded
4/21/79
16. Date T.D. Reached
5/4/79
17. Date Compl. (Ready to Prod.)
5/23/79
18. Elevations (DF, RKB, RT, GR, etc.)
3662.2' GR

20. Total Depth
6351'
21. Plug Back T.D.
6308'

22. If Multiple Compl., How Many
23. Intervals Drilled By
Rotary Tools
Cable Tools
0-6351'

24. Producing Interval(s), of this completion - Top, Bottom, Name
6214-6234' Abo Reef

26. Type Electric and Other Logs Run
GR-CNL-FDC w/caliper, DLL/RXO, CBL

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INSTRUCTIONS

This form is to be filed with the appropriate district Office of the Commission not later than 20 _____ 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 a 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" _____
T. 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. Blainebray _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 5860'	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 _____ 6214' _____ to _____ 6234' _____	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	Encountered water flow @ _____
No. 2, from _____ to _____ feet	approx 2200' ARO 10 gal/min,
No. 3, from _____ to _____ feet	decreased to 6 gal/min @ TD.
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	750	750	Surface, caliche, sd & red bed				
750	4457	3707	Anhydrite				
4457	5832	1375	Anhydrite & Shale				
5832	5956	124	Lime & Shale				
5956	6351	395	Lime				