

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

Form C-105
Revised 10-68

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

RECEIVED

1a. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER ☐

JUN 1 1979

b. TYPE OF COMPLETION

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

O.C.C.

OKTARIA, OFFICE

2. Name of Operator

ARCO Oil & Gas Company
Division of Atlantic Richfield Company

3. Address of Operator

Box 1710, Hobbs, N.M. 88240

4. Location of Well

UNIT LETTER K LOCATED 1820 FEET FROM THE South LINE AND 2550 FEET FROM

West LINE OF SEC. 2 TWP. 18S RGE. 27E NMPM

15. Date Spudded

4/16/79

16. Date T.D. Reached

5/1/79

17. Date Compl. (Ready to Prod.)

5/13/79

18. Elevations (DF, RKB, RT, GR, etc.)

3533' GR

19. Elev. Casinghead

20. Total Depth

6108'

21. Plug Back T.D.

6097'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

0-6108'

Cable Tools

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

6070-6090' Abo Reef

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

GR-DLL w/RXO, GR-CNL/FDC, GR w/caliper, CBL

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	1000'	11"	450 sx	
5-1/2" OD	15.5# K-55	6107'	7-7/8"	1275 sx	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8" OD	5996'	5996'

31. Perforation Record (Interval, size and number)

6070-6090' (2 JSPF - 40 .48" holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5910-5925'	150 gal 15% HCL-LSTNE-FE acid,
	1000 gal CaCl wtr, 1000 gal gel
	LC, 1000 gal 15% HCL-LSTNE-FE acid,
	20 BLC. (cont'd on attached sheet)

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
5/13/79		Flwg				Prod	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5/25/79	24	48/64"		457	249	0	545:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
100#	Pkr		457	249	0	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, DST & 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

TITLE Dist. Drlg. Supt.

DATE 5/30/79

INSTRUCTIONS

This form is to be filled 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 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 filled 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. Any	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt	T. Aloka	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	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Morrison
T. Blinberry	T. Gr. Wash	T. Todillo	T. Entrada
T. Tubb	T. Granite	T. Bone Springs	T. Wingate
T. Drinkard	T. Delaware Sand	T. Chinle	T. Permian
T. Abo	T. Wolfcamp	T. Penn. "A"	T. Cisco (Bough C)
5527'			

OIL OR GAS SANDS OR ZONES

No. 1, from	6070	to	6090'	No. 4, from	No. 5, from	No. 6, from
No. 2, from		to		No. 3, from		
No. 3, from		to				

IMPORTANT WATER SANDS

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

No. 1, from	feet	No. 2, from	feet	No. 3, from	feet	No. 4, from	feet
None encountered							

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	670	670	Surface, Caliche, sd, red bed				
670	1000	330	Red Bed, Anhydrite				
1000	3714	2714	Anhydrite, Lime				
3714	4770	1056	Lime, Anhydrite				
4770	6107	1337	Lime				