

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-32273

5. Indicate Type Of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B-2288-3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐

GAS WELL ☒

DRY ☐

OTHER ☐

b. Type of Completion:

NEW
WELL ☒

WORK
OVER ☐

DEEPEN ☐

PLUG
BACK ☐

DIFF
RESVR ☐

OTHER ☐

7. Lease Name or Unit Agreement Name

STATE "O"

2. Name of Operator

ARCO Oil and Gas Company

8. Well No.

4

3. Address of Operator

P.O. Box 1710, Hobbs, New Mexico 88240

9. Pool name or Wildcat

EUMONT-YATES/7 RIVERS/QUEEN

4. Well Location

Unit Letter E : 1770' Feet From The NORTH Line and 660' Feet From The WEST Line

Section 32

Township 20 S

Range 37 E

NMPM

LEA

County

10. Date Spudded

10-22-93

11. Date T.D. Reached

10-26-93

12. Date Compl (Ready to Prod.)

12-28-93

13. Elevations (DF & RKB, RT, GR, etc.)

3529' GR

14. Elev. Casinghead

15. Total Depth

3700'

16. Plug Back T.D.

3655'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

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

2663' TO 3532'

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

CNL/CCL/GR

22. Was Well Cored

NO

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	400'	12 1/4"	350 SX - CIRC	0
5 1/2"	15.5#	3700'	7 7/8"	850 SX - CIRC	0

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD	SIZE	DEPTH SET	PACKER SET
						2 3/8"	3506'	NONE

26. Perforation record (interval, size, and number)

2663' TO 3532' W/ 31 .40 HOLES

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

DEPTH INTERVAL

2663' - 3532

AMOUNT AND KIND MATERIAL USED

ACID 3100 GAL 7 1/2 % NEFE

FRAC W/ 326,768# 12/20 SAND

AND 202 TONS OF CO2

28. PRODUCTION

Date First Production

12-28-93

Production Method (Flowing, gas lift, pumping - Size and type pump)

NATURAL FLOWING

Well Status (Prod. or Shut-in)

PRODUCING

Date of Test

12-28-93

Hours Tested

24

Choke Size

W/O

Prod'n For

Test Period

Oil - Bbl.

0

Gas - MCF

228

Water - Bbl.

0

Gas - Oil Ratio

Flow Tubing Press.

Casing Pressure

Calculated 24-

Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

Test Witnessed By

30. List Attachments

ELECTRIC LOGS AND INCLINATION RECORD

31. 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

Signature

Robert L. Manthei

Printed Name

ROBERT L. MANTHEI

Title

OPER. COORD.

Date

12-30-93

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 25 through 29 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

T. Anhy _____ T. Canyon _____
 T. Salt _____ T. Strawn _____
 B. Salt _____ T. Atoka _____
 T. Yates 2630 T. Miss _____
 T. 7 Rivers 2904 T. Devonian _____
 T. Queen 3194 T. Silurian _____
 T. Grayburg _____ T. Montoya _____
 T. San Andres _____ T. Simpson _____
 T. Glorieta _____ T. McKee _____
 T. Paddock _____ T. Ellenburger _____
 T. Blinbry _____ T. Gr. Wash _____
 T. Tubb _____ T. Delaware Sand _____
 T. Drinkard _____ T. Bone Springs _____
 T. Abo _____ T. _____
 T. Wolfcamp _____ T. _____
 T. Penn _____ T. _____
 T. Cisco (Bough C) _____ T. _____

Northeastern New Mexico

T. Ojo Alamo _____ T. Penn. "B" _____
 T. Kirtland-Fruitland _____ T. Penn. "C" _____
 T. Pictured Cliffs _____ T. Penn. "D" _____
 T. Cliff House _____ T. Leadville _____
 T. Menefee _____ T. Madison _____
 T. Point Lookout _____ T. Elbert _____
 T. Mancos _____ T. McCracken _____
 T. Gallup _____ T. Ignacio Otzte _____
 Base Greenhorn _____ T. Granite _____
 T. Dakota _____ T. _____
 T. Morrison _____ T. _____
 T. Todilto _____ T. _____
 T. Entrada _____ T. _____
 T. Wingate _____ T. _____
 T. Chinle _____ T. _____
 T. Permian _____ T. _____
 T. Penn "A" _____ T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, 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 _____
 No. 2, from _____ to _____ feet _____
 No. 3, from _____ to _____ feet _____

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0'	400'	400'	SURFACE				
400'	1243'	843'	RED BED & ANHY				
1243	2147'	904'	SALT & ANHY				
2147	2711'	564'	ANHY				
2711	3664	953	DOLO				
3664	3700	36	DOLO & LIME				