

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

77

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

AXI Apache "A"

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Ballard Pictured Cliffs

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 9, T23N, R3W-10PM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

N. Mex.

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 3312 - Durango, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1650' FSL, 1650' FML

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

5-19-65

16. DATE T.D. REACHED

5-22-65

17. DATE COMPL. (Ready to prod.)

6-17-65

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6679' GR, 6689' DF

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

2240'

21. PLUG, BACK T.D., MD & TVD

2160'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-2110'

CABLE TOOLS

2110'-2240'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

(2097'-2114' - casing perfs)
(2123'-37' - open hole perfs) Pictured Cliffs

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GRN & Cement Bond, GR-Correlation, IES, GR-Correlation

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	30#	179'	12 1/4"	100 sacks regular	NONE
4 1/2"	11.6# & 9.5#	2110'	7 7/8"	150 sacks regular	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	2120'	

31. PERFORATION RECORD (Interval, size and number)

1948-52' (7 holes); 1956-58' (4 holes);
1963-66' (6 holes); 1980-84' (7 holes)
1992-94' (2 holes)
1951-53', 1957-59', 1964-66' (4 jets/ft.)
2097-2102', 2105-14' (4 jets/ft) (csg. perfs)
2123-28' & 2129-37' (2 jets/ft) (open-hole perfs)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1948-94'	Attempted frac job unsuccessful
1951-66'	Attempted frac job unsuccessful
1948-94'	Squeezed w/100 sacks cement
2097'-2137'	100# "ADMITE AQUA" additive,

33.* PRODUCTION 24,000 gals. wtr, 35,000# sand, 5 gals. "ADM-MALL advt.

DATE FIRST PRODUCTION 6-17-65 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 6-17-65 HOURS TESTED 3 CHOKE SIZE 3/4" PROD'N. FOR TEST PERIOD OIL—BBL. WATER—BBL. GAS—MCF. GAS-OIL RATIO

FLOW. TUBING PRESS. 55# CASING PRESSURE 144# CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold - Southern Union Gas Company

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

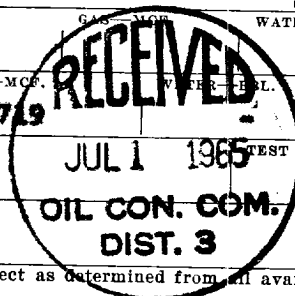
Original Signed By:

SIGNED H. D. HALEY

TITLE District Manager

DATE 6-30-65

*(See Instructions and Spaces for Additional Data on Reverse Side)



INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

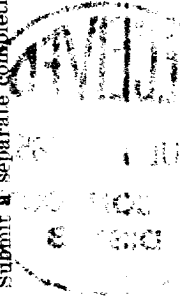
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data required by applicable Federal and/or State laws and regulations.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)



FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Pictured Cliffs	2095'	2169'	Sand and shale - gas, dry
Pictured Cliffs	2095'		

GEOLOGIC MARKERS	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
38.	Pictured Cliffs	2095'	