

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 LOGS*

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
Box 460 Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **960' FNL & 1690' FWL of SEC. 3**
At top prod. interval reported below **SAME**
At total depth **SAME**

14. PERMIT NO. **22** DATE ISSUED **AUG 1976**

5. LEASE DESIGNATION AND SERIAL NO.
Contract No. 151

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
AXI Apache "K"

9. WELL NO.
4-A

10. FIELD AND POOL, OR WILDCAT
Blanco Mesa Verde

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC. 3, T-26 N R-5W

12. COUNTY OR PARISH
Rio Arriba N.M.

13. STATE

15. DATE SPUDDED **6-23-76** 16. DATE T.D. REACHED **7-4-76** 17. DATE COMPL. (Ready to prod.) **7-23-76** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **6601 GR** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **5653** 21. PLUG, BACK T.D., MD & TVD **5613** 22. IF MULTIPLE COMPL., HOW MANY* **1** 23. INTERVALS DRILLED BY **ROTARY** ROTARY TOOLS: CABLE TOOLS:

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4921'-5042', 5478'-5458' MESA VERDE
& 5532'-5556'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
IES, SP, Gamma Ray, CALIPER

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
8 5/8"	24#	505'	12 1/4"	450 SKS - CIRC	
5 1/2"	15.5#	5653'	7 7/8"	600 SKS	

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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"	5543'	N/A

31. PERFORATION RECORD (Interval, size and number)

4921'-5042', 5458'-5478'
& 5532'-5556' w/ 1/4" CSG
GUN (TOTAL 35 shots)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5458'-5536'	TREAT w/ 1500 gals 7 1/2% Acid.
	FRAC w/ 38000 gals E-2 Flow
	Fluid & 60,000# 20/40 sd
4921'-5042'	TREAT w/ 1500 gals 7 1/2% Acid.
	FRAC w/ 38000 gal E-2 fluid & 60,000# 20/40 sd

33. PRODUCTION

DATE FIRST PRODUCTION **8-5-76** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST **8-5-76** HOURS TESTED **3 hrs** CHOKE SIZE **3/4"** PROD'N. FOR TEST PERIOD **0** OIL—BBL. **0** GAS—MCF. **0** WATER—BBL. **0** GAS-OIL RATIO

FLOW. TUBING PRESS. **182** CASING PRESSURE **501** CALCULATED 24-HOUR RATE **—** OIL—BBL. **—** GAS—MCF. **4413 AOF** WATER—BBL. **—** OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Sold** TEST WITNESSED BY **F. T. Chavez**

35. LIST OF ATTACHMENTS

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

SIGNED **Wm. A. Butcherfield** TITLE **Adm. Supervisor** DATE **8-13-76**

*(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 pertinent to such interval.

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.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Pictured Cliffs	3228'	
				Lewis	3460	
				Mesa Verde	4920	
				Cliffhouse	5458	
				Point Lookout		