

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\*

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, N.M. 88240*

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface *2310' FNL + 990' FWL*  
At top prod. interval reported below *Same*  
At total depth *Same*

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SPUNDED *11-2-77* 16. DATE T.D. REACHED *11-5-77* 17. DATE COMPL. (Ready to prod.) *11-21-77* 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* *6685' GR.* 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD *2790'* 21. PLUG, BACK T.D., MD & TVD *2751'* 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY *Rotary* ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
*2460' - 2517' Ballard Pictured Cliffs*

26. TYPE ELECTRIC AND OTHER LOGS RUN  
*SP 1FS GR CAL FDC*

27. WAS WELL CORED  
*NO.*

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<i>8 3/8"</i>	<i>32</i>	<i>522'</i>	<i>17 1/2"</i>	<i>310 SX</i>	<i>Circ.</i>
<i>4 1/2"</i>	<i>10.5</i>	<i>2790'</i>	<i>7 7/8"</i>	<i>200 SX</i>	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					<i>1 1/4"</i>	<i>2445'</i>

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL (MD)	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<i>2460'-2469'; 2510'-2517'</i>	<i>w/ISPF</i>	<i>2460'-2517'</i>	<i>1500 Gals 7 1/2% Acid. 75000# 20-40 Sand and 17934 Gals 70 Quality Foam</i>

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)		
<i>12-1-77</i>		<i>Flowing</i>			<i>Shut-in Pending Pipe Line Cont.</i>		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<i>12-1-77</i>	<i>24</i>	<i>3/4"</i>	<i>→</i>		<i>673</i>		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY (API CORR.)	
		<i>→</i>					

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

35. LIST OF ATTACHMENTS \_\_\_\_\_

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

SIGNED *Wm. D. Butterfield* TITLE *Admin. Supv.* DATE *12-14-77*

5. LEASE DESIGNATION AND SERIAL NO.  
*Contract No. 42*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
*Jicarilla Apache*

7. UNIT AGREEMENT NAME \_\_\_\_\_

8. FARM OR LEASE NAME  
*AXI Apache "D"*

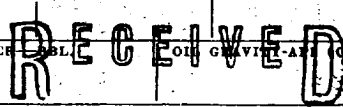
9. WELL NO.  
*5*

10. FIELD AND POOL, OR WILDCAT  
*Ballard Pictured Cliffs*

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
*Sec. 19, T.24N, R.4W*

12. COUNTY OR PARISH  
*Rio Arriba*

13. STATE  
*N. M.*



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

USGS-Durango 5, Gas co. N.M., Exxon, MIL, BEA, File

# 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS															
<p>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</p>				<p>38.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">NAME</th> <th style="width: 25%;">MEAS. DEPTH</th> <th style="width: 25%;">TOP TRUE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td>Ojo Alamo</td> <td>1805</td> <td></td> </tr> <tr> <td>Kirkland</td> <td>2124</td> <td></td> </tr> <tr> <td>Fruitland</td> <td>2302</td> <td></td> </tr> <tr> <td>Pictured Cliffs</td> <td>2420</td> <td></td> </tr> </tbody> </table>	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH	Ojo Alamo	1805		Kirkland	2124		Fruitland	2302		Pictured Cliffs	2420	
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