

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 *1650' FNL + 1650' FEL*
At top prod. interval reported below *Same*
At total depth *Same.*

5. LEASE DESIGNATION AND SERIAL NO.
Contract No. 66

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla 28

9. WELL NO.
16

10. FIELD AND POOL, OR WILDCAT
W. Lynch, 4th Gallup, Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 34, T-25N, R. 4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
N.M.

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED
4-23-78

16. DATE T.D. REACHED
5-8-78

17. DATE COMPL. (Ready to prod.)
7-21-78

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
7170' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
8042'

21. PLUG, BACK T.D., MD & TVD
7861'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY
Rotary

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
*7762 - 7828 - DAKOTA
7612 - 7724 - DAKOTA
6787 - 6968 - GALLUP*

25. WAS DIRECTIONAL SURVEY MADE
yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
SP IES GR CAL CNL FDC

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
<i>8 3/8"</i>	<i>24</i>	<i>1000'</i>	<i>12 1/2"</i>	<i>600 SX</i>	<i>Circ</i>
<i>5 1/2"</i>	<i>15.5</i>	<i>8042'</i>	<i>7 7/8"</i>	<i>2100 SX</i>	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
<i>—</i>				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
<i>2 3/8"</i>	<i>7818'</i>	

31. PERFORATION RECORD (Interval, size and number)

*6787, 89, 6812, 14, 16, 30, 32, 34, 57.59, 6916, 18, 39, 40, 42, 44
64, 66, 68 w/ IJSPF
7612, 14, 16, 26, 28, 30, 78, 80, 82, 84, 7720, 22, 24, w/ IJSPF
7762, 65, 67, 70, 95, 98, 7801, 04, 07, 10, 13, 16, 19, 22, 25, 28, w/ IJSPF*

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<i>6787 - 6968'</i>	<i>40 BBLs 15% HCl, 168,240 gals MINIMAX II 412,980 # 20/40 sd</i>
<i>7612 - 7724'</i>	<i>30 BBLs 15% HCl, 123,468 MINIMAX II 297,532 # 20/40 sd</i>
<i>7762 - 7828'</i>	<i>32 BBLs 7 1/2% HCl acid, 157,560 gals 50/100 wire 430,000 # 20/40 sd</i>

33.* PRODUCTION

DATE FIRST PRODUCTION
9-5-78

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)
FLOWING

WELL STATUS (Producing or shut-in)
SHUT-IN

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<i>9-5-78</i>	<i>24</i>	<i>—</i>	<i>—</i>	<i>70</i>	<i>—</i>	<i>—</i>	<i>450 9414</i>

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
<i>—</i>	<i>870</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>450</i>

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

35. LIST OF ATTACHMENTS

TEST WITNESSED BY
DL MOORE

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

SIGNED *Wm. A. T. [Signature]* TITLE *Administrative Supervisor* DATE *9-8-78*

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

USGS - Durango (5), El Paso, MJK, BEA, F, 1c

RECEIVED
SEP 14 1978
GEOLOGICAL SURVEY

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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Gallup	6742	7030	Oil	Pic. Cliffs	3430	
Dakota	7611	7632	Gas	Chaco	4305	
"	7761	7828	"	Mesa Verde	5090	
				Gallup	6742	
				Dakota	7610	