

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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 _____		5. LEASE DESIGNATION AND SERIAL NO. 1-89-DD-56	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
2. NAME OF OPERATOR Continental Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 3312 - Durango, Colorado		8. FARM OR LEASE NAME Rattlesnake	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1777' PBL, 330' PBL - SW/4 At top prod. interval reported below At total depth		9. WELL NO. 160	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUNDED 3-8-64		16. DATE T.D. REACHED 4-21-64	
17. DATE COMPL. (Ready to prod.) 4-23-64		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5316' GR*	
19. ELEV. CASINGHEAD		12. COUNTY OR PARISH San Juan	
13. STATE New Mexico		10. FIELD AND POOL, OR WILDCAT Rattlesnake Dakota	
11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 1, T29N, R19W		20. TOTAL DEPTH, MD & TVD 926'	
21. PLUG, BACK T.D., MD & TVD 902'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 766'-893' Dakota		CABLE TOOLS 0-926'	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Induction, Gamma, Gamma Density, Caliper, Gamma Ray 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"		36#	
56'		12"	
30 sacks regular		None	
7"		20#	
455'		8"	
100 sacks cement		None	
5 1/2"		14#	
917'		6 1/4"	
40 sacks regular		None	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
DEPTH SET (MD)		2 7/8"	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3rd Dakota - 2 jets/foot 890'-893'		DEPTH INTERVAL (MD)	
1st Dakota - 2 jets/foot 766'-776'		AMOUNT AND KIND OF MATERIAL USED	
PB Callup to 500' - loaded hole - squeezed open-hole		Spotted 250 gal. M.	
Sandfractured Callup - w/4,000 gal. sand, 150# "ADMITE" additive & 5000 gal. loss		crude.	
33. PRODUCTION		DATE FIRST PRODUCTION 4-23-64	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2 1/4" Tubing Pump		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4-30-64		HOURS TESTED 24	
CHOKE SIZE -		PROD'N. FOR TEST PERIOD →	
OIL—BBL. 20		GAS—MCF. 27	
WATER—BBL. 13		GAS-OIL RATIO 1350	
FLOW. TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE →		OIL—BBL. 20	
GAS—MCF. 27		WATER—BBL. 13	
OIL GRAVITY-API (CORR.) 65° API		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to Navajo Tribal Utilities Authority	
TEST WITNESSED BY J. M. Galovich		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 _____

TITLE **District Manager**DATE **5-5-64**

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

USGS(3) NMCC(2) DRB JRN NDH

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 Federal 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.)

#32. - Cleaned out to 720' and drilled through Dakota. Set casing to T.D. and cemented. Cement covers Gallup.

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS	
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				NAME	MEAS. DEPTH
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		
Gallup	455'	500'	Oil	Smootee Greenhorn Dakota	243' 620' 733'
1st Dakota	733'	816'	Oil, gas, and water		
2nd Dakota	816'	868'	Oil, gas, and water		
3rd Dakota	873'	924'	Oil, gas, and water		