Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (See other instructions on reverse side)

COPY

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: LC-032096 (a)
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME: NMFU
8. FARM OR LEASE NAME: Lockhart A-27
9. WELL NO.: 2
10. FIELD AND POOL, OR WILDCAT: Wantz Abo
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 27, T-21S, R-37E
12. COUNTY OR PARISH: Lea
13. STATE: New Mexico

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, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 1980' FNL + 1980' FWL of Sec. 27, T-21S, R-37E, in Lea County, New Mexico
At top prod. interval reported below: Same
At total depth: Same

14. PERMIT NO.: | DATE ISSUED:

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
		6-12-69	3417' DF	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
7541'	PB 7350'		→	Rotary	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 6868' - 7265' Wantz Abo

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: Gamma Ray Neutron

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
12 3/4	45	226'	17 1/2	200	None
9 5/8	32.2	2425'	12 1/4	500	None
7	17	6572'	8 3/4	500	None
5 (liner)	14.87	6445-7540	6 1/4	140	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	7230'	

31. PERFORATION RECORD (Interval, size and number)
6868', 6890', 6907', 6918', 6950', 6973', 7016', 7048', 7091', 7232', 7235', 7242', 7253', 7265', W/1 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7452' - 7526'	100 SKS Class "H" Cement Squeeze Perfs,
6868' - 7265'	5000 gal. 15% Acid & 3# FR-3 per 1000 gal.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
6-12-69	Pumping	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-16-69	24			22	78	2	3250

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
			22	78	2	41

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

TEST WITNESSED BY: Mr. C.R. Cook

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: W. E. Whitlow TITLE: Staff Supervisor DATE: 6-17-69

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

USGS-4, Partners, 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.)

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.
Redbeds	0	1180	
Anhydrite	1180	1270	
Salt	1270	2350	
Anhydrite, Dolo	2350	2500	
Sand, Dolo.	2500	2752	Pay
Dolo,	2752	3320	"
Sand	3320	3630	
Dolo,	3630	5065	
Sand, Dolo	5065	5520	
Dolo — —	— 5520	6013	
Sand — —	— 6013	6355	
Dolo, LS, —	— 6355	7300	
LS, Shale —	— 7300	7390	
Dolo, — —	— 7390	7493	Pay
Sand — —	— 7493	7530	Pay
			7482-7526, Former Pay
			DST #1, 7390-7541, Open 1hr.
			Flo, 40 80 in 1 hr, 1030 MCFPD,

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Rustler	1180	
Salado	1270	
Tansill	2350	
Yates	2500	
Seven Rivers	2752	
Queen	3320	
Penrose	3475	
Grayburg	3630	
San Andres	3883	
Glorieta	5065	
Blinebry	5520	
Tubb	6013	
DrinKard	6355	
Abo	6730	
Base Permidn	7300	
Ellenburger	7340	
Grduite	7530	

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