

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. NM-0557686	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME SEM U	
2. NAME OF OPERATOR CONTINENTAL OIL COMPANY		7. UNIT AGREEMENT NAME SEM U	
3. ADDRESS OF OPERATOR Box 460 Hobbs N.M. 88240		8. FARM OR LEASE NAME SEM U PENN	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1780' FSL + 1780' FWL of Sec 23 At top prod. interval reported below - Same At total depth Same		9. WELL NO. 97	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT CASS PENN	
15. DATE SPUNDED 12-22-76		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 23, T-20S, R-37E	
16. DATE T.D. REACHED 1-24-77		12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 2-11-77		13. STATE N.M.	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3525' GA		19. ELEV. CASINGHEAD _____	
20. TOTAL DEPTH, MD & TVD 7764'		21. PLUG, BACK T.D., MD & TVD 7734'	
22. IF MULTIPLE COMPL., HOW MANY* -		23. INTERVALS DRILLED BY Rotary	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7692' - 7698' CASS PENN		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, CNL, FDC		27. WAS WELL CORED Yes From 6600' TD	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 7/8"	48 #	489'	17 1/2"
8 5/8"	32 #	4000'	12 1/4"
CEMENTING RECORD			
AMOUNT PULLED			
450 Sx Class "C"			
1500 Sx "C"			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
5 1/2"	3845'	7764'	525 SX
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
3 1/2"	3644'	-	
1 1/4"	7713'	-	
31. PERFORATION RECORD (Interval, size and number) Size -.47, 2 Per Foot from 7629' - 7698', 12 Total			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
7692' - 7698'		1500 GALS - 15% HCl NE inhibited	
33. PRODUCTION			
DATE FIRST PRODUCTION 2-11-77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 2-12-77	HOURS TESTED 24	CHOKE SIZE 32/64	PROD'N. FOR TEST PERIOD 200
FLOW. TUBING PRESS. 60 #	CASING PRESSURE 200	CALCULATED 24-HOUR RATE 200	OIL—BBL. 200
GAS—MCF. 1570		WATER—BBL. 80	
OIL GRAVITY-API (CORR.) 39.6			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY			
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 Orig. B.D. Keo		TITLE Adm. Supervisor	
		DATE 4/13/77	

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

USGS (4), NMFL (4), 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, and/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.); formations, and all other data, including but not limited to, all data from the above mentioned sources, 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.		

RECEIVED

JUN 14 1977

U.S. GEOLOGICAL SURVEY

38. GEOLOGIC MARKERS			
NAME	MEAS. DEPTH	TOP	
		MEAS. DEPTH	TRUE VERT. DEPTH
Glorieta	5148		
Tubb	6305		
Abo	6945		
Strawn	7690		

RECEIVED
APR 1 1977
COMM.