

COPY TO O. C. C.

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 _____		5. LEASE DESIGNATION AND SERIAL NO. <i>LC 063458</i>	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR <i>Continental Oil Company</i>		7. UNIT AGREEMENT NAME <i>N.M.F.U.</i>	
3. ADDRESS OF OPERATOR <i>P.O. Box 460 Hobbs, N.M. 88240</i>		8. FARM OR LEASE NAME <i>Warren Unit</i>	
4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements). At surface <i>660 37N 4 1980 F.W.L.</i> At top prod. interval reported below _____		9. WELL NO. <i>53</i>	
14. PERMIT NO. _____		10. FIELD AND POOL, OR WILDCAT <i>Blinebry</i>	
11. DATE SPUDDED <i>10-25-78</i>		12. COUNTY OR PARISH <i>San</i>	
16. DATE T.D. REACHED <i>11-8-78</i>		13. STATE <i>N.M.</i>	
17. DATE COMPL. (Ready to prod.) <i>12-21-78</i>		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <i>3561.5 GR</i>	
19. ELEV. CASINGHEAD _____		20. TOTAL DEPTH, MD & TVD <i>6825'</i>	
21. PLUG, BACK T.D., MD & TVD <i>6784'</i>		22. IF MULTIPLE COMPL., HOW MANY? <i>dual</i>	
23. INTERVALS DRILLED BY <i>rotary</i>		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <i>5934-6205 Blinebry</i>	
25. WAS DIRECTIONAL SURVEY MADE <i>yes</i>		26. TYPE ELECTRIC AND OTHER LOGS RUN <i>GR CNL FDC DLL</i>	
27. WAS WELL CORED <i>no</i>		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
DEPTH SET (MD)		HOLE SIZE	
CEMENTING RECORD		AMOUNT PULLED	
<i>958</i>		<i>36#</i>	
<i>7"</i>		<i>23#</i>	
<i>1549' GL</i>		<i>12 1/4"</i>	
<i>6814' GL</i>		<i>8 3/4"</i>	
<i>600 ac</i>		<i>2145 ac</i>	
<i>74 ac</i>		<i>200 ac</i>	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
DEPTH SET (MD)		PACKER SET (MD)	
<i>N-A</i>		<i>2 3/8</i>	
<i>6243'</i>		<i>6243'</i>	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
<i>6136-6205</i>		<i>2000 GALS 15% HCl NE 18000 GAL. FRACTURED</i>	
<i>6054-6095</i>		<i>1500 GALS 15% HCl NE 17,000 GAL FRACT. FL. D</i>	
<i>5934-6019</i>		<i>2200 GALS 15% HCl NE 20,000 GALS. FRACT FLUID</i>	
33.* PRODUCTION		DATE FIRST PRODUCTION <i>11-21-78</i>	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <i>pumping</i>		WELL STATUS (Producing or shut-in) <i>Producing</i>	
DATE OF TEST <i>12-24-78</i>		HOURS TESTED <i>24</i>	
CHOKE SIZE _____		PROD'N. FOR TEST PERIOD _____	
OIL—BBL. <i>52</i>		GAS—MCF. <i>210</i>	
WATER—BBL. <i>96</i>		GAS-OIL RATIO <i>4.038</i>	
FLOW. TUBING PRESS. _____		CASING PRESSURE _____	
CALCULATED 24-HOUR RATE _____		OIL—BBL. <i>52</i>	
GAS—MCF. <i>210</i>		WATER—BBL. <i>96</i>	
OIL GRAVITY-API (CORR.) <i>39.4</i>		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <i>used</i>	
TEST WITNESSED BY <i>W.D. Catts</i>		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 <i>John A. Butterfield</i>		TITLE <i>Administrative Supervisor</i>	
DATE <i>1-5-79</i>		DATE <i>1-5-79</i>	

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JAN 10 1979
U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICOLISGS 6
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*(See Instructions and Spaces for Additional Data on Reverse Side)

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 33.

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: "Gacks 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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Redbeds	0 -	1520		Rustler anhy.	1520	
Anhy.		1648		Salado	1648	
" , salt		2708		Tansill	2708	
" , dol.		2847		Yates	2847	
SS., "		6750		Seven Rivers	3110	
"		72		Queen	3671	
				San Andres	4240	
				Glorieta	5545	
				Blinberry Marker	5994	
				Tubb	6469	
				Drinkard	6750	

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. LC 063458	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME WARREN UNIT	
2. NAME OF OPERATOR CONTINENTAL Oil Company		7. UNIT AGREEMENT NAME NMFU	
3. ADDRESS OF OPERATOR P.O. Box 460 Hobbs, NM 88240		8. FARM OR LEASE NAME WARREN UNIT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 460' 3NL + 1980' FWL At top prod. interval reported below SAME At total depth SAME		9. WELL NO. 53	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT THRB	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 26, T20S, R38E	
15. DATE SPUDDED 10-23-78		12. COUNTY OR PARISH LEA	
16. DATE T.D. REACHED 11-8-78		13. STATE NM.	
17. DATE COMPL. (Ready to prod.) 12-21-78		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3561.5' GR	
19. ELEV. CASINGHEAD -		20. TOTAL DEPTH, MD & TVD 6825' KA	
21. PLUG, BACK T.D., MD & TVD 6784' KA		22. IF MULTIPLE COMPL., HOW MANY* dual	
23. INTERVALS DRILLED BY Rotary		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6552-6706 - THRB	
25. WAS DIRECTIONAL SURVEY MADE YES		26. TYPE ELECTRIC AND OTHER LOGS RUN GR CNL FDC DLL	
27. WAS WELL CORED NO		28. CASING RECORD (Report all strings set in well)	
CASING SIZE 9 5/8"		WEIGHT, LB./FT. 36#	
DEPTH SET (MD) 1549' GL		HOLE SIZE 12 1/4"	
CEMENTING RECORD 6000 yd		AMOUNT PULLED 74 mc	
29. LINER RECORD		30. TUBING RECORD	
SIZE 7"		SIZE 2 3/8"	
TOP (MD) N/A		DEPTH SET (MD) 6709' MC	
BOTTOM (MD) -		PACKER SET (MD) 6243'	
SACKS CEMENT* -		31. PERFORATION RECORD (Interval, size and number) 6552', 60, 66, 74, 93, 98, 6603, 11, 16, 22, 42, 47 53, 63, 67, 79, 93, 6700' 06' w/ 1 SPF	
SCREEN (MD) -		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 6552'-6706' AMOUNT AND KIND OF MATERIAL USED 4000 gal 15% HCl-NH 33000 gal frac fluid 50000 # 20/40 sand	
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) used	
DATE FIRST PRODUCTION 12-21-78		TEST WITNESSED BY W. J. Cates	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		35. LIST OF ATTACHMENTS -	
WELL STATUS (Producing or shut-in) producing		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
DATE OF TEST 12-24-78		SIGNED W. A. Butterfield TITLE Administrative Supervisor DATE 1-5-79	
HOURS TESTED 34		37. (See instructions and spaces for Additional Data on Reverse Side)	
CHOKE SIZE -			
PROD'N. FOR TEST PERIOD 143			
OIL—BBL. 143			
GAS—MCF. 450			
WATER—BBL. 36			
GAS-OIL RATIO 3147			
FLOW. TUBING PRESS. -			
CASING PRESSURE -			
CALCULATED 24-HOUR RATE 143			
OIL—BBL. 143			
GAS—MCF. 450			
WATER—BBL. 36			
OIL GRAVITY-API (CORR.) 40.3			

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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Redbeds	0 -	1520		Rustler anky	1520	
Anhy,		1648		Salado	1648	
" , salt		2708		Tansill	2708	
" , dol.		2847		Yates	2847	
ss., "		6750		Seven Rivers	3110	
" "		712		Queen	3671	
				San Andres	4240	
				Glorieta	5545	
				Blinberry Marker	5994	
				Tubb	6469	
				Drinkard	6750	