

COPY TO O. G. C.

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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. LC-031670 b	
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 CONOCO INC.		7. UNIT AGREEMENT NAME NM FL	
3. ADDRESS OF OPERATOR P. O. Box 460, Hobbs, N.M. 88240		8. FARM OR LEASE NAME WARREN UNIT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1780' FSL & 660' FWL At top prod. interval reported below _____ At total depth _____		9. WELL NO. 81	
14. PERMIT NO.		DATE ISSUED OCT 16 1980	
15. DATE SPUNDED 6/24/80		16. DATE T.D. REACHED 7/16/80	
17. DATE COMPL. (Ready to prod.) 9/14/80		18. ELEVATIONS (DF, RKB, RT, CR, ETC.) 3549' GL	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 6820'	
21. PLUG, BACK T.D., MD & TVD 6785'		22. IF MULTIPLE COMPL., HOW MANY? 2	
23. INTERVALS DRILLED BY Rotary		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6096'-6242' lower Blinbry 5866'-6056' upper Blinbry	
25. WAS DIRECTIONAL SURVEY MADE		26. TYPE ELECTRIC AND OTHER LOGS RUN GR, CCL	
27. WAS WELL CORED		28. CASING RECORD (Report all strings set in well)	
CASINO SIZE 9 5/8" 7"		WEIGHT, LB./FT. 36# 40# 26#	
DEPTH SET (MD) 1500' 6820'		HOLE SIZE 12 1/4" 8 3/4"	
CEMENTING RECORD 650 SK 1781 SK		AMOUNT PULLED 90 SK TOT 1650' by temp. survey	
29. LINER RECORD		30. TUBING RECORD	
SIZE 2 3/8"		TOP (MD) 6256'	
BOTTOM (MD) 6313'		SACKS CEMENT 6313'	
SCREEN (MD)		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) 6096', 6102', 06', 08', 13', 15', 43', 45', 50', 6202', 10', 15', 18', 37', 40', 42' total 16 holes 5866', 5903', 08', 10', 45', 50', 52', 6013', 26', 28', 35', 38', 46', 48', 6056' total 15 holes		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 6096'-6242' 5866'-6056' AMOUNT AND KIND OF MATERIAL USED 1600 gals 15% HCl-NE-EE, 56 bbls. TFW 36000 gals gelled fluid, 63000 # 20/40 sd., 54 bbls TFW 1500 gals 15% HCl-NE-EE 14700 gals gelled fluid, 83000 # 20/40 sd	
33.* PRODUCTION		DATE FIRST PRODUCTION 9/14/80	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 9/30/80		HOURS TESTED 24	
CHOKE SIZE NA		PROD'N. FOR TEST PERIOD 80	
OIL—BBL. 80		GAS—MCF. TSTM	
WATER—BBL. 76		GAS-OIL RATIO —	
FLOW. TUBING PRESS. NA		CASING PRESSURE NA	
CALCULATED 24-HOUR RATE 80		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY W.D. Lates	
35. LIST OF ATTACHMENTS		OCT 20 1980	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED W.D. Lates TITLE Administrative Supervisor DATE 10/14/80	

*(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 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.
BLINEBRY MKR	5940	6448	DOLomite
Tubh MKR	6448	6752	

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
SALADO	1538'	
LANSIL	2580	
VATES	2727	
SEVEN RIVERS	2997	
QUEEN	3567	
PENROSE	3722	
SAN ANDRES	4140	
GLORIETA	5468	
BLINEBRY MKR	5940	
Tubh MKR	6448	
DANKARD	6752	

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		7. UNIT AGREEMENT NAME NMFU
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		8. FARM OR LEASE NAME WARREN Unit
2. NAME OF OPERATOR CONOCO INC.		9. WELL NO. 81
3. ADDRESS OF OPERATOR P.O. Box 460, Hobbs, N.M. 88240		10. FIELD AND POOL, OR WILDCAT Blincray / Tubb
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1780' FSL & 660' FWL At top prod. Interval reported below _____ At total depth _____		11. SEC., T. R., E., OR BLOCK AND SURVEY OR AREA 38 Sec. 21, T-20S, R-37E
14. PERMIT NO. _____ U. S. GEOLOGICAL SURVEY HOBBS, NEW MEXICO		12. COUNTY OR PARISH LEA
		13. STATE NM

15. DATE SPUDDED 6/26/80	16. DATE T.D. REACHED 7/16/80	17. DATE COMPL. (Ready to prod.) 9/14/80	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3549' GL	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 6820'	21. PLUG, BACK T.D., MD & TVD 6785'	22. IF MULTIPLE COMPL., HOW MANY* 2	23. INTERVALS DRILLED BY Rotary	ROTARY TOOLS CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6393'-6705' Tubb				25. WAS DIRECTIONAL SURVEY MADE
26. TYPE ELECTRIC AND OTHER LOGS RUN GR, CCL				27. WAS WELL CORED

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#, 40#	1500'	12 1/4"	650 SK.	90 SK.
7"	26 #	6820'	8 3/4"	1781 SK.	TOC 1650' temp survey

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6714'	6313'

31. PERFORATION RECORD (Interval, size and number) 6393', 98', 6450', 54', 6515', 23', 29', 37', 43', 47', 50', 62', 67', 70', 73', 78', 88', 91', 93', 97', 6601', 06', 29', 33', 59', 69', 99', 6705' total 28 holes	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 6393'-6705' AMOUNT AND KIND OF MATERIAL USED 2200 gal. 15% HCl-NF-FE, 586 lb. TFW 220 bbl. gelled fluid, 635 bbl. 28% HCl-NF-FE, 57 bbl. TFW
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33.* PRODUCTION							
DATE FIRST PRODUCTION 9/14/80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in)	
DATE OF TEST 9/21/80	HOURS TESTED 24	CHOKE SIZE NA	PROD'N. FOR TEST PERIOD →	OIL—BBL. 17	GAS—MCF. 75	WATER—BBL. 6	GAS-OIL RATIO 44/12
FLOW. TUBING PRESS. NA	CASING PRESSURE NA	CALCULATED 24-HOUR RATE →	OIL—BBL. 17	GAS—MCF. 75	WATER—BBL. 6	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold- Warren Petroleum Company				ACCEPTED FOR RECORD TEST W. D. Cates		WITNESSED BY	
35. LIST OF ATTACHMENTS				OCT 20 1980			

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

SIGNED

W. A. Butterfield

TITLE

Administrative Supervisor

DATE

10/14/80USGS 6 6041
NMFU 4 MJJ1
WPC. 1

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

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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Tubb MKR.	6448	6752	DOLomite
BLINEBRY MKR.	5940	6448	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
SALADO	1538'	
TANSIL	2580'	
YATES	2727'	
SEVEN RIVERS	2997'	
QUEEN	3567'	
PENROSE	3722'	
SAN ANDRES	4140'	
GLORIETA	5468'	
BLINEBRY MKR.	5940'	
Tubb MKR.	6448'	
DRINKARD	6752'	

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