

COPY TO O. C. C.

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 *

5. LEASE DESIGNATION AND SERIAL NO.

LC-0316706

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

N.M.F.U.

8. FARM OR LEASE NAME

Warren Unit

9. WELL NO.

78

10. FIELD AND POOL, OR WILDCAT

Blinebry

11. SEC., T., R., M. OR BLOCK AND SURVEY
OR AREA

Sec. 20, T-20S, R-38E

12. COUNTY OR
PARISH

Lea

13. STATE

N.M.

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

2. NAME OF OPERATOR

Conoco Inc.

3. ADDRESS OF OPERATOR

P.O. Box 460, Hobbs, N.M. 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1980' FSL & 640' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

JAN 31 1980

15. DATE SPUNDED 10-25-79 16. DATE T.D. REACHED 11-13-79 17. DATE COMPL. (Ready to prod.) 12-24-79 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3553' GR 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 6835' 21. PLUG, BACK T.D., MD & TVD 6807' 22. IF MULTIPLE COMPL., HOW MANY* dual 23. INTERVALS DRILLED BY A11 ROTARY TOOLS None CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5877' - 6116' Blinebry

25. WAS DIRECTIONAL
SURVEY MADE

Yes.

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR - CNL - FDC, DLL, Caliper

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"	1460'	12 1/4"	520 SX	42 SX
7"	26"	6850'	8 3/4"	1543 SX	150 SX

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6090'	6315'
					2 3/8"	6377'	

31. PERFORATION RECORD (Interval, size and number)

5878', 5884', 5903', 5906', 5909', 5914', 5916',
5928', 5969', 5973', 5989', 5991', 6003', 6006',
6060', 6063', 6072', 6075', 6079', 6087', 6096',
6105', 6109', 6115'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5878' - 6115'	54,000 gal. TFW gel 45,000 gal. 28% HCl-NEFE

33.*

PRODUCTION

DATE FIRST PRODUCTION 1-24-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping					WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1-24-80	HOURS TESTED 24	CHOKED SIZE —	PROD'N. FOR TEST PERIOD →	OIL—BBL. 14	GAS—MCF. 10	WATER—BBL. 0	GAS-OIL RATIO 500	
FLOW. TUBING PRESS. 30	CASING PRESSURE 30	CALCULATED 24-HOUR RATE →	OIL—BBL. 14	GAS—MCF. 10	WATER—BBL. 0	OIL GRAVITY-API (CORR.) 38°		

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

Venting

TEST WITNESSED BY

W.D. Cates

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. D. Cates TITLE Administrative Supervisor DATE 1-30-80

*(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.)

337. 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		38. GEOLOGIC MARKERS		TRUE VERT. DEPTH	
FORMATION	TOP	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP
Blinbery	5827		Top Salt	1522	
Tubb	6311		Base Salt	2568	
	6713		Yates ss	2714	
			Savem Rivers	2981	
			Queen ss	3549	
			San Andres	4116	
			Glometa Dol.	5404	
			Top Blinbery	5827	
			Blinbery Mkr	5902	
			Top Tubb	6311	
			Tubb mkr	6411	
			Top Drinkard	6713	

FEB 5 1980

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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 <u>Conoco Inc.</u>							
3. ADDRESS OF OPERATOR <u>P.O. Box 460 Hobbs N.M. 88240</u>							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>1980' FSL & 660' FEL</u> At top prod. interval reported below At total depth							
RECEIVED JAN 31 1980 U. S. GEOLOGICAL SURVEY HOBBS, NEW MEXICO							
14. PERMIT NO.		DATE ISSUED					
15. DATE SPUNDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)			
<u>10-25-79</u>		<u>11-13-79</u>		<u>12-24-79</u>			
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD					
<u>3553' GR</u>		<u>—</u>					
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*			
<u>6835'</u>		<u>6807'</u>		<u>dual</u>			
23. INTERVALS DRILLED BY		ROTARY TOOLS		CABLE TOOLS			
<u>—</u>		<u>All</u>		<u>None</u>			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>6517'-6683' Tubb</u>					25. WAS DIRECTIONAL SURVEY MADE <u>Yes.</u>		
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>GR, CNL, FDC, DLL, Caliper</u>					27. WAS WELL CORED <u>No.</u>		
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
<u>9518'</u>	<u>36#</u>	<u>1460'</u>	<u>12 1/4"</u>	<u>520 SK. Class "C" cement</u>	<u>425X.</u>		
<u>7"</u>	<u>26#</u>	<u>6850'</u>	<u>8 3/4"</u>	<u>1543 SK.</u>	<u>150 SK.</u>		
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)			
30. TUBING RECORD							
SIZE	DEPTH SET (MD)	PACKER SET (MD)					
<u>2 3/8"</u>	<u>6377'</u>	<u>6315'</u>					
<u>2 3/8"</u>	<u>6090'</u>						
31. PERFORATION RECORD (Interval, size and number) <u>6518', 22', 32', 36', 44', 52', 62', 6602', 16'</u> <u>22', 30', 41', 60', 66', 72', 75', 6682'</u> <u>WI 1 JSPF (17 holes)</u>							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED						
<u>6518'-6682'</u>	<u>40 bbls. TFW. Frac WI</u>						
	<u>3000 gal. 28% HCl-NE-FE</u>						
	<u>18000 gal. Frac Fluid @</u>						
	<u>8946 gal. gelled water.</u>						
33.* PRODUCTION							
DATE FIRST PRODUCTION <u>1-24-80</u>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>Pumping</u>				WELL STATUS (Producing or shut-in) <u>Producing</u>	
DATE OF TEST <u>1-24-80</u>	HOURS TESTED <u>24</u>	CHOKE SIZE <u>—</u>	PROD'N. FOR TEST PERIOD <u>—</u>	OIL—BBL. <u>45</u>	GAS—MCF. <u>68</u>	WATER—BBL. <u>0</u>	GAS-OIL RATIO <u>1511</u>
FLOW. TUBING PRESS. <u>40</u>	CASING PRESSURE <u>40</u>	CALCULATED 24-HOUR RATE <u>—</u>	OIL—BBL. <u>45</u>	GAS—MCF. <u>68</u>	WATER—BBL. <u>0</u>	OIL GRAVITY-API (CORR.) <u>38°</u>	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u>Venting</u>						TEST WITNESSED BY <u>W.D. Cates</u>	
35. LIST OF ATTACHMENTS <u>—</u>							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>W.D. Cates</u>		TITLE <u>Administrative Supervisor</u>				DATE <u>1-30-80</u>	

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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.		TRUE VERT. DEPTH
Blaine br / Tubbs	5827	6311	Oil	Top Salt	1522
	6311	6713	Oil	Base Salt	2568
				Yates ss	2714
				Seven Rivers	2981
				Queen ss	3549
				San Andres	4116
				Glorieta Dol	5404
				Top Blaine br	5827
				Blaine br mkr	5902
				Top Tubbs	6311
				Tubbs mkr	6711
				Drin Kard	6713