

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE *
(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

b. TYPE OF COMPLETION:

NEW

WORK

DEEP-

DIFF.

WELL ☐

OVER ☐

EN ☐

RESVR. ☒

OTHER

2. NAME OF OPERATOR

CONOCO INC.

3. ADDRESS OF OPERATOR

10 Des'a Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424

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

At surface 1710' FNL & 910' FEL, UNIT LETTER 'H'

At top prod. Interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

SAN JUAN COUNTY

13. STATE

NM

15. DATE SPUDDED

3/25/81

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

6/10/98

18. ELEV. (DF, RKB, RT, GR, ETC) *

6233' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7490'

21. PLUG, BACK T.D. MD. & TVD

7484'

22. IF MULTIPLE COMPL. HOW MANY *

2 MV/DK

23. INTERVALS DRILLED BY

ROTARY

CABLE

TOOLS ☒

TOOLS ☐

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

4740' - 5309' BLANCO MESA VERDE

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28.

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	281'	12-1/4"	225 SX	
7"	23#	4953'	8-3/4"	700 SX	

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)
4-1/2"	4811'	7489'	700 SX	
			500	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	7353'	

31. PERFORATION RECORD (Interval, size and number)

4740' - 4769' (11 shots)

4868' - 4910' (30 shots)

5012' - 5309' (29 shots)

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

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

33. *

PRODUCTION

35.

DATE FIRST PRODUCTION 6/10/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) F				WELL STATUS (Producing or shut-in) P BHC # 1908 MV/DK	
DATE OF TEST 6/16/98	HOURS TESTED 24 HRS	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD →	OIL - BBL 0	GAS - MCF 880 MCFGPD	WATER - BBL 1	GAS - OIL RATIO 7
FLOW TUBING PRESS 140# FTP	CASING PRESSURE 350# SICP	CALCULATED 24 - HR RATE →	OIL - BBL 0	GAS - MCF 880 MCFGPD	WATER - BBL 1	OIL GRAVITY - API (GORR)	

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

V

TEST WITNESSED BY

ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

FRAC AND PERF SUMMARY

JUL 16 1998

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

SIGNED

Debra Bemenderfer

TITLE DEBRA BEMENDERFER, AS A BLM DISTRICT OFFICE

JUL 16 1998

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).				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				POINT LOOKOUT	5010'	
				MANCOS	5450'	
				GALLUP	6671'	
				DAKOTA	7729'	

CONOCO, INC.
NEWBERRY A #4E

API# 30-045-24592

Sec. 34, T32N-R12W, Unit H

- 6/1/93 MIRU, SITP/SICP: 60 psi/400 psi. NU BOP. Tag liner top @ 4811'.
- 6/2/93 Tag fill @ 7478'. RIH w/4 1/2" HOWCO Fas-Drill bridge plug. Set same @ 6169' (WL depth). POOH & RD Blue Jet. PU & RITH w/4 1/2". Retrieomatic packer & unloader on 2 3/8" tubing to 4805'. Load well w/200 BBIs. 1% KCL water. Close pipe rams & pressure test 7" casing, 4 1/2" x 7" liner top, 4 1/2" liner & bridge plug w/500 psi, OK. Release test pressure. RIH w/packer to 4835'. Pressure test w/2000 psi, OK. Release test pressure. POOH & LD unloader & packer, RU Blue Jet & RIH w/CBL-VDL-GR-CCL logging tool. Log from 6162' - 4100'. POOH & RD Blue Jet.
- 6/3/98 RIH w/TDT log. Log from 6158' to 5000'. Log from 5000' to 4100'. CBL & TDT logs faxed to Midland.
- 6/4/98 RU Blue Jet & RIH w/decentralized 3 1/8", select-fire, 1 JSPF perforating gun. Perf @ 5309', 04', 5285', 64', 36', 16', 5193', 91', 61', 20', 16', 11', 08', 06', 5086', 78', 69', 55', 51', 45', 43', 36', 34', 32', 30', 25', 21', 18' & 5012' (Total: 29 perfs). RIH w/4 1/2" Retrieomatic packer & unloader on 2 3/8" tubing. Set packer @ 4835'. Load casing/tubing annulus w/107 BBIs. 1% KCL water w/rig pump, pressure up to 500 psi. Pressure test lines to 5000 psi, OK. Release test pressure. Breakdown Point Lookout perfs as follows: pump 11 BBIs. 1% KCL water, pump 12 BBIs. 15% HCL (releasing 45 frac balls in stages of 15 per 3 BBIs. acid) & pump 27 BBIs. 1% KCL water. ISIP: 0 psi. Good ball & breakdown action. Did not ball out. RD BJ, Release packer @ 4835'. RIH to 5370', knocking off frac balls. POOH & LD unloader & packer. Set packer @ 4839'.
- 6/5/98 RU BJ, pressure up 50 500 psi. Pressure test lines to 5000 psi, OK. Open frac valve. Had 460 psi SITP. Frac Point Lookout as follows: Pump 238 BBIs. Low-Gel 15# 1% KCL water pad @ 40 BPM/3200psi, pump 274 BBIs. Low-Gel 15# 1% KCL water w/1.0 ppg 20/40 AZ sand @ 40.5 BPM/2300 psi, pump 559 BBIs. Low-Gel 15# 1% KCL w/2.0 to 2.5 ppg 20/40 AZ sand 7 flush w/45 BBIs. Low-Gel 15# 1% KCL water. ISIP: 0 psi. RD BJ.
- 6/8/98 Blow down well. Release 4 1/2" Full-Bore packer @ 4839'. POOH, RIH w/sandline sinker bars to 5500', did not tag fill. Set RBP @ 4970'. Set packer @ 4490'. Pressure test w/2000 psi, all OK.
- 6/10/98 RU Blue Jet & RIH w/3 1/8", select-fire, 2 JSPF perforating gun. Perforate Menefee @ 4910', 08', 06', 04', 02', 4897', 95', 89', 87', 85', 78', 76', 74', 70' & 68' (Total: 30 perfs) RIH w/decentralized 3 1/8", select-fire, 1 JSPF perforating gun. Perforate Menefee @ 4796', 94', 92', 90', 85', 50', 48', 44', 42' & 40' (Total: 11 perfs). POOH & RD Blue Jet. RIH w/7" Full-Bore packer & unloader on 2 3/8" tubing. Set packer @ 4500'. Top off casing/tubing annulus w/3 BBIs. Pressure test lines to 5000 psi. Breakdown Menefee perfs as follows: pump 5 BBIs. 1% KCL water (formation broke @ 1400 psi, pump 12 BBIs. 1% KCL water. Good ball & breakdown action. Achieved ball off. 1100 psi. Surge balls off & bleed off shut in pressure. RD BJ, released packer @ 4500'. RIH w/packer to 4811' (Liner Top). Knocking off frac balls in 7" casing. POOH RU Blue Jet & RIH w/junk basket to 4950', knocking off frac balls in 4 1/2" liner. RD Blue Jet. Set packer @ 4500'. Frac Menefee as follows: pump 238 BBIs. Low-Gel 15# 1% KCL water @ 24.5 BPM/3825 psi, pump 274 BBIs. Low-Gel 15# 1% KCL water @ 24.5 BPM/3825 psi, pump 274 BBIs. Low-Gel 15# 1% KCL water w/1.0 ppg 20/40 sand @ 24 BPM/3985 psi, pump 500 BBIs. Low-Gel 15# 1% KCL water w/1.5 ppg 20/40 sand @ 28.5 BPM/3870 psi, pump 312 BBIs. Low-Gel 15# 1% KCL water w/2.0 ppg 20/40 sand @ 32.3 BPM/4080 psi & pump 48 BBIs. Low-Gel 15# 1% KCL water @ 32.3 - o BPM/4080 - 1350 PSI. ISIP: 1350 psi.
- 6/11/98 Turn well over to Drywatch.

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- 6/12/98 POOH Tubing unloader & 7' Full-Bore packer. Tag up @ 4880', Clean out from 4880' to 4970" (RBP) Circulate well clean.
- 6/15/98 Tag up @ 4920'. CO from 4920' to 4970' (RBP). Release packer. Pull up to 4846'.
- 6/16/98 Stabilized flow test (Point Lookout/Menefee: 880 MCFGPD, 0 BOPD & 1 BWPD @ 140 psi FTP/350 psi SICP thru ½" bean choke.
- 6/17/98 POOH to 310'. Cont. POOH & LD. Tag up @ 5955'. Unload well w/drill gas. CO from 5955' to 6169'. Drill up HOWCO Fas-Drill Bridge Plug @ 6169'. Tag up @ 7479".
- 6/18/98 MU tubing hanger & land same (EOT @ 7352.87',) ND/BOP. RD Flint Rig. Release well to Production.