

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE
(See other in-
structions on
reverse side)FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995RECEIVED
AUG 19 1997LEASE DESIGNATION AND SERIAL NO
NM 03560

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 DESTA DRIVE, STE 100W, MIDLAND, TX 79705 (915) 686-5424

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

At surface 800' FNL - 940' FEL, UNIT LETTER 'A'

At top prod. Interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

RIO ARRIBA

13. STATE

NM

15. DATE SPUDDED

12-11-78

16. DATE T.D. REACHED

12-29-78

17. DATE COMPL. (Ready to prod.)

7-22-97

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

6050 G.L.

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6971'

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

6650

22. IF MULTIPLE COMPLETIONS, HOW MANY *

DECEIVED
IN AUG 22 1997

23. INTERVALS DRILLED BY

ROTARY

CABLE

TOOLS ☒TOOLS ☐

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

4684' - 4929' MESA VERDE

25. WAS DIRECTIONAL
SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

OIL CON. DIV.
DIST. 3

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#	226'	13-3/4"	224 CU. FT.	
4-1/2"	11.6#/10.5#	6971'	8-3/4" & 7-7/8"	1471 CU. FT.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKET SET (MD)
					2-3/8"	4709'	

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED STIMULATION SUMMARY	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
	DEPTH INTERVAL (MD)
	AMOUNT AND KIND OF MATERIAL USED

33. * PRODUCTION

DATE FIRST PRODUCTION 7-23-97 PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 7-22-97 HOURS TESTED 12 CHOKE SIZE 1/4" PROD'N FOR TEST PERIOD OIL - BBL 1 GAS - MCF 183 WATER - BBL 2 GAS - OIL RATIO

FLOW, TUBING PRESS 110# CASING PRESSURE 460# CALCULATED 24 - HR RATE OIL - BBL 1 GAS - MCF 183 WATER - BBL 2 OIL GRAVITY - API (CORR)

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

VENTED

ACCEPTED FOR RECORD
Glen O. Papp

35. LIST OF ATTACHMENTS

Stimulation Summary

AUG 20 1997

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 Agent for Conoco Inc. DATE 08-14-97

FARMINGTON DISTRICT OFFICE

NMOCD

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored internals; 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	TOP TRUE VERT. DEPTH,
					Picture Cliff	2338'	
					Mesa Verde	3935'	
					Point Lookout	4665'	
					Gallup	5775'	
					Greenhorn	6564'	
					Graneros	6618'	
					Dakota	6731'	

COPY

CONOCO INC.
SAN JUAN 28-7 #100
API # 30-039-21664
SEC 30 - T27N - R07W UNIT LETTER "A"
800' FNL - 940' FEL
ATTACHMENT FOR BLM 3160-4 & 3160-5

07 AUG 19 21 4:02
070 15 11 1370N, NM

07/10/97 MIRU BIG 'A' RIG #10. SET AUX. EQUIPMENT (MUD PUMP & TANK, TWO-COMPRESSORS, AND DRILL GAS UNIT). PUMP 20-BBLS 1% KCL WTR TO KILL WELL. ND WH. NU BOP. TOO H W/220-JTS (6894.70') 2-3/8" 4.6# J-55 TBG.

RU BLUEJET WL. GIH W/ GR-CCL & RUN CORRELATION LOG FROM 5100-4600'. GIH W/ 4-1/2" CIBP ON WL & SET @ 6650'. GIH W/ 3.78" DUMP BAILER AND SPOT 4-SXS (50') OF CMT ON CIBP @ 6650' IN 2-RUNS. TIH W/ 2-3/8" TBG TO 4700' AND CIRC HOLE W/ 100-BBLS OF 1% KCL WTR. SET PKR AND PRESSURE TESTED CSG & CIBP TO 2500#, HELD OK. PU & SET PKR @ 2700', PRESSURED TO 2000#, PRESSURE BLED TO 500# IN 15-SECONDS, AND TO 350# IN 5-MINS. TIH W/ TBG AND ISOLATED LEAK BETWEEN 4607' AND 4511'. PU TO 4511', EST PI RATE W/ MUD PUMP @ 0.4 BPM @ 1000#.

PU TO 4324' & SET PKR. RU BJ SERVICES. EST. PI RATE THRU HOLES IN CSG @ 4511-4607' @ 0.7 BPM & 2000#. PUMP 25-SXS CLASS 'B' W/ 0.5% FLUID LOSS, F/B 47-SXS CLASS 'B' NEAT @ 0.7 BPM & 1300-2100#. FLUSHED W/ 18.5 BBLS, LEAVING 1.5-BBLS CMT IN CSG BELOW PKR. HESITATION SQUEEZE: SD FOR 15-MIN WOC. PUMP 0.25-BBLS @ 0.1-BPM & 350#. SD FOR 15-MIN WOC. PUMP 0.25-BBLS @ 0.1-BPM & 350-2500# (P-MAX). SD FOR 5-MIN WOC. PRESSURED TO 2500# AND HELD FOR 5-MIN. BLED OFF PRESSURE. REL PKR, PU TO 4150'. REV CIRC 32-BBLS OF 1% KCL WTR. PU TO 3527'.

SET PKR @ 3527' & PRESSURE TEST CSG TO 2000# FOR 5-MINS, HELD OK. TOO H W/ TBG & PKR. TIH W/ 3-7/8" BLADE BIT AND BIT SUB ON 2-3/8" TBG & TAB CMT @ 4381'. DO HARD CMT FROM 4381-4642' FOR 5-1/2 HRS. TIH TO 4951' & PRESSURE TESTED CSG TO 500# FOR 5-MINS, HELD OK. PRESSURED TO 1000# FOR 5-MINS, HELD OK. TOO H W/ 3-7/8" BLADE BIT, BIT SUB AND TBG..

RU BLUEJET WL, GIH W/ 3-1/8" SELECT-FIRE GUN & PERF PT. LOOKOUT AS FOLLOWS: 4684'-86-88-95-97-4710-12-25-27-33-35-68-70-76-78-85-87-4809-11-58-60-4927-29. TOTAL: 23 - .032" HOLES. TIH W/ 4-1/2" BAKER FULL-BORE PKR ON 2-7/8" WORKSTRING TO 4631' & SET PKR. READY TO FRAC.

RU BJ SERVICES. BD PT. LOOKOUT PERFS @ 900# W/ 1% KCL WTR. EST PI RATE @ 6 BPM & 1200#. PUMP 500-GAL 15% HCL + 35 BS'S (1.1 SP GR) @ 6 BPM & 900#, W/ BALLS ON 6 - 3 BPM & 1200 - 2850#, BALLED OFF @ P-MAX = 3000#. TIH W/ 2-7/8" TBG & PKR TO 5012' TO KNOCK BS'S OFF PERFS. PU & RESET PKR @ 4630'. WO BJ 2-HRS TO GEL TANKS. PUMP 15# XL BORATE FRAC W/ 53,150-GALS + 78,140# 20/40 AZ SD + 6100# 20/40 SDC @ Q-AVE = 21 BPM & P-AVE = 3300#, AVE. SD DENSITY - 1.96 PPG. ISIP = 800#, 5-MIN = 650#, 10-MIN = 500#, 15-MIN = 410#, 60-MIN = 300#.

SITP = 0#. REL PKR & TOO H LAYING DOWN 2-7/8" FRAC STRING. NU BLOOEY TEE. TIH W/ SN ON 2-3/8" 4.7# J-55 TBG TO 5019'. CIRCULATING HOLE CLEAN W/ GAS AND FOAM SWEEPS.

SITP = 0#. CIRC HOLE CLEAN W/ GAS & FOAM SWEEPS. PU TO 4702', CIRC HOLE CLEAN W/ GAS & FOAM SWEEPS. WELL FLOWING ON ITS OWN, ATTEMPT TO DRY-WATCH OVERNIGHT, ON 1/2" CHOKE THRU 2" CRITICAL FLOW PROVER. WELL DIED, PUMPED GAS DOWN CSG/TBG ANNULUS TO BRING WELL AROUND, SD COMPRESSORS, WELL FLOWS FOR 45-MINS THEN DIES.

TIH TO 5019', CIRC HOLE W/ GAS & FOAM SWEEPS. PU TO 4702', CIRC HOLE W/ GAS & FOAM SWEEPS. WELL FLOWED FOR 1/2-HR THRU 1/2" CHOKE THEN DIES. INSTALLED ADJUSTABLE CHOKE TO BUILD CASING PRESSURE TO INTERMITTENTLY UNLOAD FLUIDS IN TBG OVERNIGHT.

CONT. INTERMITTENTLY UNLOADING FLUIDS IN TBG USING ADJUSTABLE CHOKE, WELL UNLOADS 1/2-BBL OF FLUID EVERY HR. PRESSURE STABILIZED, BEGAN FLOW-TEST AT 6 PM THRU 1/4" CHOKE IN 2" CRITICAL FLOW PROVER.

7/22/97 END 12-HR MV FLOW-TEST AT 6 AM, FTP = 110#, CP = 460# THRU 2" CRITICAL FLOW PROVER W/ 1/4" CHOKE. CALC FLOW RATES: 183 MCF/D + 2 BWPD + 1 BOPD. WITNESSED BY GLEN O. PAPP. BLED WELL OFF. ND BOP. LAND 150-JTS 2-3/8" 4.7# J-55 TBG @ 4709', TOP OF SN @ 4708'. NU WH & PUNGER MANIFOLD. MOVE BIG 'A' RIG #10 TO SJ 28-7 #111.