

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

RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.
SF- 078796

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

SAN JUAN 28-7 UNIT

b. TYPE OF COMPLETION:

NEW

WORK

DEEP-

DIFF.

WELL ☐

OVER ☒

EN ☐

RESVR. ☐

OTO FARMINGTON, NM

FARM OR LEASE NAME, WELL NO.

#189

2. Name of Operator

CONOCO INC.

9. API WELL NO.

30-039-2508T 20589

3. Address of Operator

10 DESTA DRIVE, STE. 100W MIDLAND, TX 79705 915-686-5424

10. FIELD AND POOL, OR WILDCAT

BLANCO MESA VERDE

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

At surface 1180'N, 1180'E

At top prod. Interval reported below

At total depth

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

A SEC. 35, T28N-R7W, NMPM

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

RIO ARRIBA COUNTY

13. STATE

NM

15. DATE SPUDDED

2-16-73

16. DATE T.D. REACHED

3-2-73

17. DATE COMPL. (Ready to prod.)

6-20-97 3-11-73

18. ELEV. (FE, RKB, RT, GE, ETC) *

6156' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD A TVD

7337'

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

5270' TEMP. CIPB

22. IF MULTIPLE COMPL. HOW MANY *

23. INTERVALS DRILLED BY

ROTARY

CABLE

TOOLS ☒

TOOLS ☐

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

4466'-5117' (MESA VERDE)

25. WAS DIRECTIONAL

SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

IGR; FDC-GR; TEMP. SURVEY

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 FULLED
9-5/8"	32.3#	192'	13-3/4"	225 CU. FT.	
7"	20#	3088'	8-3/4"	246 CU. FT.	
4-1/2"	11.6#/10.5	7337'	6-1/4"	655 CU. FT.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKET SET (MD)
					2-3/8"	4292'	

31. PERFORATION RECORD (Interval, size and number)

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

33. * PRODUCTION

DATE FIRST PRODUCTION 6-18-97		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) FLOWING				WELL STATUS (Producing or Shut In) PRODUCING	
DATE OF TEST 6-18-97	HOURS TESTED 24 HRS	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD →	OIL - BBL 1	GAS - MCF 1254 MCFD	WATER - BBL 25	GAS - OIL RATIO
FLOW. TUBING PRESS 190#	CASING PRESSURE 490#	CALCULATED 24 - HR RATE →	OIL - BBL 1	GAS - MCF 1254 MCFD	WATER - BBL 25	OIL GRAVITY - API (CORR)	

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

VENTED

TEST WITNESSED BY

MIKE PENA

35. LIST OF ATTACHMENTS

STIMULATION SUMMARY

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

SIGNED

Walter B. Bussard

TITLE

As Agent for Conoco Inc

DATE 6-23-97

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

ACCEPTED FOR RECORD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

JUL 02 1997

FARMINGTON DISTRICT OFFICE

NMOCD



CONOCO INC.
SAN JUAN 28-7 UNIT #189
API # 30-039-20589
A35-T28N-R7W, Rio Arriba County, New Mexico
Mesa Verde Stimulation Summary
DHC With Dakota

MIRU, Kill well with 1% KCl. NDWH & NUBOP. Start Pulling 1 ½" TBG. Laying TBG down in singles.

Finish Pulling 1 ½" TBG, Laying down on trailer. Total 1 ½" TBG 227 jts. Set CIBP @ 5270'. Test CSG and CIBP to 3000 psi - OK. Run CBL from 5270' to 2950'. Have good zone isolation. Perf Menefee/Point Lookout with .32" holes. Total 21 shots. Menefee @ 4716-18-54-84-85-94-96-98-4808-10. Point Lookout 5069-72-76-78-85-87-91-93-5100-08-17. With 2000 psi. Lost pressure after 4th shot. Pressure tested 7 X 4 ½" annulas to 500 psi. OK.

Acidize with 500 gals. 15% HCl with 32 ball sealers @ 7.5 BPM @ 1000 psi avg. max pressure 2850 psi. Had good ball action, well did not ball out. ISIP 400 psi. Retrieve 32 balls 19 hits. Frac'd with 2576 bbls. Of slickwater with 76 000# of 20/40 AZ and 6,000# of SDC (Resin Coated) sand 20/40. Avg. pressure 2300 psi @ 42 BPM. Max pressure 2900 psi. Max sand conc. 2#/gals. ISIP 400 psi. Set CIBP @ 4650' and perf @ 4466-68-72-78-4500-08-10-20-26-28-33-50-58-62-64-75-77-79-87-94-96-98. Total of 22 holes. Perf under pressure but did not lose any pressure. RIH with dump baler and dump acid @ 4573'. Baler hung @ 4620', pulled out of rope socket. RIH with TBG and fished dump baler.

RIH with TBG. Tagged sand @ 4640'. Circulated sand clean. POOH with TBG. RIH with TBG and Packer, spotted 2 bbl 15% HCl acid @ 4607'. Pull up set PKR @ 4417' acidized with 420 gal. 15% HCl with 33 ball sealers @ 7 BPM @ 2500 psi avg. pressure. Balled out release PKR knock balls, POOH with TBG and PKR. Lost 2 slips from PKR. Will mill up when we mill up CIBP. Frac well with 76,000# 20/40 AZ and 8,000# SDC (Resin Coated) @ 41 BPM Avg. rate @ 2300 psi. Max pressure 3000 psi. Max. sand conc 2#/gal. Total bbls. Slickwater 2312 bbls. ISIP 800 psi.

Connect compressors and blowie line. RIH with 2 3/8" and baker metal muncher tag sand @ 4593', started compressors unloaded well and cleaned sand to CIBP @ 4650'.

RIH tagged sand @ 4600'. Started compressors and cleaned sand to CIBP @ 4650'. Drilled CIBP @ 4650', and continued in hole to 4670'. Circulated clean and pulled back up to 4292'.

TBG - 740 psi. CSG - 740 psi. RIH tagged sand @ 5112', started compressors and cleaned sand to CIBP @ 5270'. Made soap sweeps to clean sand. Pulled up to 4292' and will drywatch thru the night. Will flow thru 1/2" choke nipple, with TBG @ 4292'.

Drywatched thru the night, testing MV. Zone. 2 3/8" TBG @ 4292' flowing thru 1/2" choke. TBG 190 psi and CSG 490 psi. Calculated rate 1254 MCFPD, with 1 bbl oil and 25 bbl water. RIH tagged sand @ 5236' started compressors, and cleaned sand to CIBP @ 5270'. Drilled up CIBP @ 5270' and circulated clean to 5300'. Pull TBG back up to 4292' and will drywatch thru the night.

640# TBG/CSG, TIH w/TBG to 7325', CO 3' sand to PBTD @ 7328', Circ clean, PU & land TBG @ 7194' w/SN on bottom 228 jts of 2 3/8" J-55 8rd, NDBOP, NUWH, RDMO.