

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

COPY

RECEIVED
BLM SF 079294

5. LEASE DESIGNATION AND SERIAL NO.

070 FARMINGTON, NM

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

07 JUL 22 PM 1:58

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different depth.

Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

7. FIELD OR CA. AGREEMENT DESIGNATION

SAN JUAN UNIT 28-7

1. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ OTHER ☐

8. WELL NAME AND NO.

#227

2. NAME OF OPERATOR

CONOCO INC.

9. API WELL NO.

30-039-20887

3. ADDRESS AND TELEPHONE NO.

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

10. FIELD AND POOL, OR EXPLORATORY AREA

BLANCO MESA VERDE

4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description)

810' FNL - 820' FEL UNIT LETTER 'A'

A 36-28N-7W

11. COUNTY OR PARISH, STATE

RIO ARRIBA COUNTY, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other:

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

SEE STIMULATION SUMMARY

RECEIVED
AUG - 7 1997

OIL CON. DE
DIST. 3

14. I hereby certify that the foregoing is true and correct

DEBRA BEMENDERFER

SIGNED

TITLE Agent for Conoco Inc

DATE 7/21/97

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

Conditions of approval, if any:

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.

* See Instruction on Reverse Side

ACCEPTED FOR RECORD

AUG 04 1997

FARMINGTON DISTRICT OFFICE

NMOCD

CONOCO INC.
SAN JUAN 28-7 #227
API # 30-039-20887
SEC 36 - T28N - R7W UNIT LETTER
810' FNL - 820' FEL
ATTACHMENT FOR BLM 3160-4, 3160-5

MIRU. Big A rig #10, set aux equipment (Mud tank and pump), 2-compressors, work, drill gas unit). ND WH. NU BOP. Pump 20-Bbls 1% KCl water to kill well. Bled well down. TOOH w/ 243-Jts (7622') 2-3/8" tbg. RU Bluejet WL, GIH w/ 4-1/2" CIBP & set @ 5958'. Top load hole w/ 95 Bbls of 1% KCl, pressure-test CIBP #1 @ 5958' and csg to 3000#, held ok.

RU Bluejet WL, GIH w/ GR-CCL-CBL and log from 5958'-3300' w/ 1000# lb csg, correlate to Dresser Densilog dated 3-16-77, showed good bond to 3300'. GIH w/ Select-Fire guns, pressure to 2500#, perfed Point Lookout as follows: 5547-51-56-58-60-62-64-66-91-95-5603-15-17-19-27-29-52-63-71-73-5738-39-72-73-5874-76-90. Total: 27-0.32" holes. TIH w/ 4-1/2" Baker Full-Bore pkr on 2-7/8" tbg and set @ 65'. RU BJ. BD Point Lookout @ 2200# w/ 1% KCl, pmp 500 gals 15% HCl + 41 BS's (1.1 SpGr) @ 8.5 BPM & 200# to 8.5 - 0 BPM & 300-3000# w/ balls on, balled off. GIH w/ 3.78" Junk-basket and retrieve 34 BS's (23 - hits). TOOH w/ 4-1/2" pkr 7 2-7/8" tbg. NU 6" frac valve. SI well and secure for night.

RU BJ. Pump Slickwater Point Lookout frac w/ 106,600 Gals + 91,000# 20/40 AZ + 7000# 20/40 SDC @ Q-ave=45 BPM \$ P-ave=1400#, ave. SD density = 1.01 PPG, ISIP=0#. RU Bluejet WL, GIH w/ 4-1/2" CIBP on WL & set @ 5500'. Load hole w/80-Bbls 1% KCl water & test CIBP #2 to 3000#, held ok. GIH w/ 3-1/8" Select-Fire gun, pressure csg to 2500#, perf Menefee @ 5211', 12, 33, 35, 43, 57, 58, 70, 78, 83, 85, 5320, 28, 81, 86, 91, 5450, 67, 69, 73. Total: 20-0.32" holes. Pressure decreased from 2500# to 700#, during perforating. TIH w/ 4-1/2" pkr on 2-7/8" tbg & set @ 65'. BD Menefee perfs @ 2150#, Pump 500 Gals 15% HCl + 30 BS's (1.1 Sp Gr) @ 8.5 BPM & 1600-1200#, 8.5-0 BPM & 1200 - 3000# w/ balls on, balled out. TOOH w/ pkr & 2-7/8" tbg. GIH w/ 3.78" Junk Basket & ret. 30 BS's (20 - Hits). Pump slickwater Menefee frac w/ 87,800-Gals + 71,500# 20/40 AZ + 4500 20/40 SDC @ Q-ave=39.5 BPM & p-ave.=2000#, ave. SD density = 0.97 PPG. ISIP 950#, 5-Min = 880#, 10-Min = 850#, 15-Min = 820#. GIH w/ 4-1/2" CIBP & set @ 5180'. Pressure test CIBP #3 to 3000#, held OK. GIH w/ 3-1/8" Select -Fire gun, pressure csg to 2500#, perf'd Cliffhouse @ 4981', 83, 85, 4997, 99, 5019, 28, 30, 37, 42, 44, 49, 63, 70, 72, 77, 79, 88, 90, 95, 5101, 03, 10, 15, 17, 19, 21. Total: 27-0.32" holes. Pressure decreased from 2500#-1000# during perforating. TIH w/ 4-1/2" pkr on 2-7/8" tbg. & set @ 65' BD Cliff House perfs @ 2000#. Pump 500 gas. 25% HCl+ 41 BS's (1.1 Sp Gr) @ 9 BPM & 900# and 9 - 5 BPM & 900-2300-1200# w/ balls on, did not ball out. ISIP = 0. TOOH w/ pkr & 2-7/8" tbg. GIH w/ 3.78" junk-basket and ret. 40 Bs's (25 - Hits), FL @ 1200'. Pump slickwater cliffhouse frac w/ 105,500 - Gals + 87,300# 20/40 SDC @ Q-ave=44.5 BPM @ P-ave-2300#, ave SD density = 0.93 PPG. ISIP = 550#, 5-Min = 420#, 10 - Min = 400#, 15-Min = 390# (Based on Delta P thru perfs, calc 20 of 27 perfs open).

SICP = 0#. Rd 6" Frac valve. RU Elooeey tee. TIH w/ 3-7/8" Baker Metal Muncher mill, and string float on 2-3/8" tbg to 4800', circ hole clean w/ gas. Cont. TIH & tag SD @ 5028', 152' of fill. CO SD to CIBP #3 @ 5180'. Drill on CIBP for 1/2-Hr and released pressure from below plug. Circ hole w/ gas and foam sweeps to CO, substantial water production. PU to 4550'.

SICP = 500#. TIH & tag SD @ 5160', 20' of fill. Circ hole clean w/ gas & foam sweeps to CIBP #3 @ 5180'. Drill CIBP #3 in 1-1/2-Hrs, push remainder of CIBP downhole & tag Sd @ 5415', 85' of fill. CO SD under rem. Of CIBP #3 to 5500', CIBP #2. DO rem. of CIBP #3 and DO CIBP #2 for 2-Hrs. Pushed rem. of CIBP #2 downhole & tag SD @ 5530', 428' of fill. CO SD under rem. of CIBP #2 to 5700". Water production still substantial. PU to 4918'.

SICP = 800# TIH & tag SD @ 5685', 15' of fill overnight. CO SD fill to 5958', 273' of fill w/ gas & foam sweeps. PU to 5410'. Prep to Dry-watch MV overnight, as well is making substantial water. Set up 2" critical-flow prover w/ 3/4" choke.

Initial conditions: 180# FP w/ Est water rate of 15 BW/Hr. After water production tailed off, conducted 12-hr flow test. Final conditions: 170# FP w/ Est water rate of 2 BW/Hr. Calc flow rate = 2460 MCF/D. MV only.

SICP = 740#. TIH & tag SD @ 5943', 10' of fill over weekend. CO fill w/ gas & foam sweeps to CIBP #1 @ 5958'. RU swivel & DO CIBP in 1-hr, pushed remainder of CIBP & tagged @ 7757', 40' of fill above PBTD @ 7797'. DO rem. Of CIBP #1 & 40' of fill to PBTD @ 7797'. Circ hole clean w/ gas & foam sweeps. TOO H w/ 3-7/8" Metal Muncher mill, string float, and 2-3/8" tbg. TIH w/ SN on 245 Jts 2-3/8" 4.7# J-55 EUE 8rd tbg to 7686'. Pump gas down Tbg/Csg annulus to kick off. Rig up 2" Critical Flow-Prover w/ 3/4" choke to dry watch and test.

2" Critical Flow Prover w/ 3/4" choke. 8 AM: FTP = 220#, CP = 600#, fluid production minimal, no sand. 8 PM: FTP = 205#, CP = 580#, fluid production minimal, no sand.

End 24-hr test, DHC MV & DK, at 7 AM. Final Results: FTP = 200#, CP = 540#, minimal water, no sand. Calculated Critical-Flow Rates: 2898 MCF/D + 1 BWPD + 0 BCPD (2" line w/ 3/4" choke). Bled well off. Pumped 20 Bbls of 1% Kcl water to kill well. TIH & tag SD @ 7791', 6' of fill. CO SD fill w/ gas and foam sweeps to PBTD @ 7797'. PU and land 245-Jts (7685') 2-3/8" 4.7# J-55 tbg, EOT @ 7696', top of SN @ 7695'. ND BOP. NU WH. Circ gas down tbg to clean water off of backside. RDMO.