

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.
NMSF079294

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other

b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Other

2. Name of Operator
CONOCO INC

Contact: YOLANDA PEREZ
E-Mail: yolanda.perez@usa.conoco.com

3. Address PO BOX 2197, DU 3084
HOUSTON, TX 77252-2197

3a. Phone No. (include area code)
Ph: 281.293.1613

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NENE 1100FNL 1190FEL 36.62183 N Lat, 107.51929 W Lon
At top prod interval reported below
At total depth

5. Indian, Allottee or Tribe Name

6. Unit or CA Agreement Name and No.
NMMN78413A

7. Lease Name and Well No.
SJ 28-7 11

8. API Well No.
30-039-07263-00-C3

9. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

10. Sec., T., R., M., or Block and Survey or Area
Sec 36 T28N R7W Mer NMP

11. County or Parish
RIO ARRIBA

12. State
NM

13. Elevations (DF, KB, RT, GL)*
6610 GL

14. Date Spudded
09/23/1953

15. Date T.D. Reached
10/14/1953

16. Date Completed
☐ D & A ☒ Ready to Prod.
06/22/2001

17. Total Depth: MD
TVD 5660

18. Plug Back T.D.: MD
TVD 3745

19. Depth Bridge Plug Set: MD
TVD

20. Type Electric & Other Mechanical Logs Run (Submit copy of each)

21. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

22. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13.750	10.750 H-40	33.0		218	205	200			
9.000	7.000 J-55	23.0		4885		225			

23. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	3395							

24. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3180	3239	3180 TO 3239			
B)						
C)						
D)						

25. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
3180 TO 3390	SIMULTANEOUSLY FRAC FC/PC W/ 225,220# BRADY SAND,

26. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/06/2001	06/20/2001	24	→	0.0	213.0	0.0			FLows FROM WELL
Choke Size	Ttg Press Flwg SI	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
1/2"	130	130.0	→					PGW	

27a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Ttg Press Flwg SI	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #9077 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas/Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
MESAVERDE				MESAVERDE KIRTLAND FRUITLAND PICTURED CLIFFS CLIFF HOUSE MENEFE POINT LOOKOUT MANCOS	2614 2980 3300 4923 5090 5478 5645

32. Additional remarks (include plugging procedure):

This well has been plugged back from the Blanco Mesaverde and is now DHC'd and producing from the Basin Fruitland Coal and the Blanco P.C. South.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #9077 Verified by the BLM Well Information System.

For CONOCO INC, sent to the Farmington

Committed to AFMSS for processing by Maurice Johnson on 11/20/2001 (02MXJ0191SE)

Name (please print) YOLANDA PEREZTitle COORDINATOR

Signature _____ (Electronic Submission)

Date 11/19/2001

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #9077

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMSF078417	NMSF079294
Agreement:		NMNM78413A
Operator:	CONOCO INC. P. O. BOX 2197, DU 3084 HOUSTON, TX 77252-2197 Ph: 281.293.1613	CONOCO INC PO BOX 2197, DU 3084 HOUSTON, TX 77252-2197 Ph: 281.293.1613
Admin Contact:	YOLANDA PEREZ COORDINATOR E-Mail: yolanda.perez@usa.conoco.com Ph: 281.293.1613 Fx: 281.293.5090	YOLANDA PEREZ COORDINATOR E-Mail: yolanda.perez@usa.conoco.com Ph: 281.293.1613 Fx: 281.293.5090
Tech Contact:		
Well Name:	SAN JUAN 28-7 UNIT	SJ 28-7
Number:	11	11
Location:		
State:	NM	NM
County:	RIO ARriba	RIO ARriba
S/T/R:	Sec 36 T28N R7W Mer NMP	Sec 36 T28N R7W Mer NMP
Surf Loc:	NENE 1100FNL 1190FEL	NENE 1100FNL 1190FEL 36.62183 N Lat, 107.51929 W Lon
Field/Pool:	BASIN FRUITLAND COAL	BASIN FRUITLAND COAL
Logs Run:		
Producing Intervals - Formations:	BASIN FRUITLAND COAL	FRUITLAND COAL
Porous Zones:		MESAVERDE
Markers:	KIRTLAND FRUITLAND PICTURED CLIFFS LEWIS CLIFFHOUSE MENELEE POINT LOOKOUT MANCOS	MESAVERDE KIRTLAND FRUITLAND PICTURED CLIFFS CLIFF HOUSE MENELEE POINT LOOKOUT MANCOS

Daily Summary

API	County	State/Province	Surface Legal Location	NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
300390726300	RIO ARriba	NEW MEXICO	NMPM-28N-7W-36-A	1100.0	N	1190.0	E
Ground Elev (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)			
6610.00	9/23/1953	10/14/1953	36° 37' 18.588" N	107° 31' 9.48" W			

Start	Ops This Rpt
6/11/2001	MIRU, spot and r/u all equip, safety meeting, PJSA, Sicip 180 psig, sitp 180 psig, blow dwn well, nd wh, nu bops, kill well w/ 20 bbls wtr, pooh and strap 180 jts 2 3/8 tbg 5246.49. miru Blue Jet wire line unit, p/u 7 in cibp and rih and set @ 3745, load hole w/ 2% kcl wtr and test to 2500 psig- ok, p/u cbl log tools and rih and run cbl w/ 500 psig from 3725 - 2000, found toc @ 3690, 0% bond from 3690 - 2750, from 2750 to 2000 found 30% to 80% bond, secure well and sdfn, evaluate bond log.
6/12/2001	sicip 0 psig, pjsa safety meeting, stand by evaluate cbl,
6/13/2001	stand by status, evaluate cbl,
6/14/2001	sicip 0 psig, r/u blooie lines and flow back manifold, change out drilling line, wait on frac equipment f/ following day, secure well and sdfn
6/15/2001	sicip 0 psig, miru blue jet wire line unit, perf fc/pc as follows: FC 3180-3186 6 ft, 7 holes, 1 spf, 3243-3246, 3 ft, 1 spf, 4 holes, 3285-3239, 4 ft, 1 spf, 5 holes, PC 3306-3318, 12 ft, 1/2 spf, 8 holes, 3340-3354, 14 ft, 1/2 spf, 4 holes, 3384-3390, 6 ft, 1/2 spf, 4 holes, total of 35 holes. MIRU Stinger and install isolation tool, MIRU BJ frac equip, frac fc/pc as follows, 70 quality foam frac w/ 225,220 # brown sand, w/ min press of 1400 psig, max press of 1900 psig, avg press of 1675, @ 60 bpm, isdp of 1150 psig, w/ sand conc. of 1/2 ppg, 1.0 ppg, 2.0 ppg, 3.0 ppg, and 5.0 ppg, displaced w/ foam, swi, secure well, r/d BJ frac equip and Stinger isolation tool, sdfn.
6/16/2001	sicip 990 psig, open and flow back well on 1/8 in choke f/ 24 hr period, press dropped from 990 to 760 psig, recovering frac fluid, N2 and med to hvy conc of sand,
6/17/2001	ftp thru 1/8 in choke 700 psig, x-out choke to 1/4 in, flow 24 hr period, press dropped from 700 psig to 440 psig and stayed constant thru nite, recovering lt/med sand, frc fluid slugging w/ gas 3-5 bph fluid returns, continue to flow thru nite, x-out chokes 3x
6/18/2001	fcg 390 psig, x- out choke to 1/2 in choke, press dropped to 290 psig, recovering lt/med sand conc, wtr, and gas, press constant thru nite,
6/19/2001	fcg 290 psig, p/u bit and bs and rih tag sand @ 3535, miru Halliburton N2 and c/o to 3745 w/ soap/wtr sweeps, pick up 100 ft off plug and flow well thru 2 hrs, rih and tag 20 ft sand, c/o and put on 1/2 in choke and flow back thru nite, recover lt/med sand 1/2 bph wtr, thru nite
6/20/2001	fcg 130 psig thru 1/2 in choke, pooh w/ tbg and rih open ended, move in and r/u Protechnics oand slick line unit, run after frac rad logs and completion profile, r/d slick line unit and secure well and r/u to flow well thru nite. FINAL TEST as follows: flowing thru 1/2 choke w/ tbg at 3395 thru annulus, 0 bbls oil/day, 0 bbls wtr/day, combined flow rate of 852 mcf/d, w/ 130 psig fcp, 639 mcf/d to PC and 213 MCFD to FC. witnessed by Robert Morris and Alfred Castro.
6/21/2001	sicip 550 psig, sitp 500 psig, kill tbg w/ 10 bbls wtr and pooh, p/u 2 3/8 in expendable check, sn and rih tag no fill, p/u and lay dwn excess tbg of 64 jts on float, land tbg w/ 116 jts @ 3395.21. r/d rig floor, nd bops and nu well head pump 3 bbls wtr and N2 press up to 1000 psig to pmp off check, rig down all equipment, secure well and sdfn
6/22/2001	safety meeting, pjsa, x-out raising ram, inspect unit, rig dwn unit, rig dwn all equip. release rig @ 1800 hrs.