

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

5. Lease Serial No.
NMSF078496

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
CONOCO INC.

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

8. Lease Name and Well No.
SAN JUAN 28-7 UNIT 190F

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

3a. Phone No. (include area code)
Ph: 281.293.1813

9. API Well No.
30-039-26693

4. Location of Well (Report location clearly and in accordance with Federal requirements)

At surface NWNE 755FNL 2145FEL

At top prod interval reported below SWSE 265FSL 2238FEL

At total depth SWSE 265FSL 2238FEL

10. Field and Pool, or Exploratory
BASIN DAKOTA

11. Sec., T., R., M., or Block and Survey
or Area Sec 34 T28N R7W Mer NMP

12. County or Parish
RIO ARRIBA

13. State
NM

14. Date Spudded
07/09/2001

15. Date T.D. Reached
07/20/2001

16. Date Completed
☐ D & A ☒ Ready to Prod.
08/16/2001

17. Elevations (DF, KB, RT, GL)*
6069 GL

18. Total Depth: MD
TVD 7383

19. Plug Back T.D.: MD
TVD 7380

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
THERMAL DECAY TIME, CEMENT BOND

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

23. 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
12.250	9.625 J-55	36.0		293		230		0	
8.750	7.000 J-55	20.0		3916		535		0	
6.250	4.500 J-55	11.0		7383		383		2250	

24. 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	7240							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BASIN DAKOTA	7156	7356	7156 TO 7356			
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7156 TO 7356	FRAC W/SPRECTRA FRAC 3000, 109,520# SUPER LC, 1490 BBLs OF FLUID

28. 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
08/23/2001	08/15/2001	24	→	1.0	1155.0	12.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2"	SI	500.0	→					PGW	

28a. 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	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #8498 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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OFFICE

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	Tbg. 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	Tbg. 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
				OJO ALAMO	2133
				KIRTLAND	2221
				FRUITLAND	2581
				PICTURED CLIFFS	2873
				LEWIS	3273
				CHACRA	3845
				CLIFFHOUSE	4533
				MENEFEE	4676
				POINT LOOKOUT	5136
				GALLUP	6368
				GREENHORN	7061
				DAKOTA	7115

32. Additional remarks (include plugging procedure):

This well has been completed in the Basin Dakota and will be DHC'd with the Mesaverde at a later date. Please refer to attached daily summary for more detailed information.

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 #8498 Verified by the BLM Well Information System.
For CONOCO INC., sent to the Farmington
Committed to AFMSS for processing by Lucy Bee on 11/07/2001 ()

Name (please print) YOLANDA PEREZTitle COORDINATOR

Signature _____ (Electronic Submission)

Date 11/05/2001

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.

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Daily Summary

API 300392669300	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-28N-7W-34-O	NS Dist. (ft) 755.0	NS Flag N	EW Dist. (ft) 2145.0	EW Flag E
KB Elev (ft) 6082.00	Ground Elev (ft) 6069.00	Plug Back Total Depth (ftKB) 7,383.0	Spud Date 7/9/2001	Rig Release Date 7/21/2001	Latitude (DMS) 36° 37' 32.7" N	Longitude (DMS) 107° 33' 34.8984" W	

Start	Ops This Rpt
7/22/2001	HELD SAFETY MEETING. RU SLICKLINE. RIH W/ GAUGE RING TAGGED @ 7365'. PBTD @ 7380'. POOH W/ GAUGE RING. RDSLICKLINE. SWION.
7/24/2001	HELD SAFETY MEETING. RU SCHLUMBERGER. RAN TDT LOG FROM 7378' TO 1700'. RAN GR/CCL LOG FROM 7378' TO SURFACE. INSTALLED FRAC VALVE. PRESSURED UP ON CSG TO 1700 #. RAN CBL LOG FROM 7378' TO 1850'. TOP OF CEMENT @ 2250'. RD SCHLUMBERGER. TESTED CSG TO 4300 #. HELD OK. SWION.
7/27/2001	HELD SAFETY MEETING. RU BLUE JET. RIH W/ 3 1/8" 90 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 7156' - 7168' W/ 1 SPF, 7176' - 7196' W/ 1/2 SPF, 7278' - 7290' W/ 1/2 SPF, 7308' - 7310' W/ 1/2 SPF, 7320' - 7324' W/ 1/2 SPF, 7350' - 7356' W/ 1/2 SPF. A TOTAL OF 40 HOLES. RU B J SERVICES. BROKE DOWN FORMATION @ 5 BPM @ 1500 #. RIH W/ 4 1/2" RBP W/ PRESSURE GAUGES UNDER RBP. STOPPED @ 7350' FOR 30 MIN. STOPPED @ 7278' FOR 30 MIN. STOPPED @ 7156' FOR 30 MIN. SET RBP @ 7146'. TESTED TO 4000 #. HELD OK. SWION. RD BLUE JET & B J SERVICES.
7/30/2001	HELD SAFETY MEETING. MIRU. OPENED UP WELL. CSG PRESSURE 0 #. ND FRAC VALVES - NUBOP. TESTED BOP TO 250 # & 5000 #. BOTH PIPE & BLIND RAMS. HELD OK. RIH W/ 2 3/8" TBG TO 2100'. SWION.
7/31/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 0 #. RIH W/ ON & OFF TOOL ON 2 3/8" TBG. LATCHED ON TO RBP @ 7146'. POOH W/ RBP & PRESSURE BOMBS. LAID DOWN TBG ON FLOAT. SWION.
8/3/2001	HELD SAFETY MEETING. RU B J SERVICES. FRAC'D THE DAKOTA. TESTED LINES TO 4800 #. SET POP OFF @ 3930 #. BROKE DOWN FORMATION @ 12 BPM @ 1980 #. DROPPED 24 BALL SEALERS IN 1000 GAL OF 15 % HCL ACID @ 1 BALL PER BBL & 2 BALLS PER BBL FOR 28 REMAINING BALLS @ 19 BPM @ 2450 #. A TOTAL OF 52 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3800 #. RU BLUE JET. RIH W/ JUNK BASKET. RETRIEVED 44 BALL SEALERS. RD BLUE JET. PUMPED PREPAD @ 29 BPM @ 3480 #. STEPPED DOWN RATE TO 22 BPM @ 2780 #. STEPPED DOWN RATE TO 16 BPM @ 2240 #. STEPPED DOWN RATE TO 12 BPM @ 2000 #. ISIP 1550 # - 5 MIN 1380# - 10 MIN 1270 # - 15 MIN 1188 # - 20 MIN 1117 # - 25 MIN 1053 # - 30 MIN 994 #. FRAC'D THE DAKOTA W/ SPECTRA FRAC 3000, 109,520 # 20/40 SUPER LC, 1490 BBLs FLUID. AVG RATE 42 BPM. AVG PRESSURE 3000 #. MAX PRESSURE 3300 #. MAX SAND CONS 5 # PER GAL. ISIP 2150 #. FRAC GRADIENT .66. RA TAGGED PAD W/ SCADIUM. RA TAGGED 1/2 # - 3 # SAND W/ ANTIMONY. RA TAGGED 5 # SAND W/ IRRIDIUM. RD B J SERVICES. SWI.
8/10/2001	HELD SAFETY MEETING. MIRU. OPENED UP WELL. CSG PRESSURE 350 #. KILLED WELL. ND FRAC VALVE. NUBOP. TESTED BOP TO 250 # & 5000 # BOTH PIPE & BLIND RAMS. HELD OK. SWION.
8/13/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 2400 #. INSTALLED BLOOEY LINE & DRILL GAS COMPRESSOR. KILLED WELL. RIH W/ 2 3/8" TBG TO 3800'. RU DRILL AIR. UNLOADED WELL WITH DRILL AIR. SWI.
8/14/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 2300 #. RIH W/ 2 3/8" TBG. TAGGED SAND @ 7227'. 153' FILL. RU DRILL AIR. CIRCULATED HOLE W/ DRILL AIR. WELL MAKING 7 BBLs WATER PER HR & 1/2 GAL SAND PER HR. PUH TO 7200'. SWION.
8/15/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 2000 #. RIH W/ 2 3/8" TBG. TAGGED @ 7340'. 40' OF FILL. RU DRILL AIR. CLEANED OUT FROM 7340' TO 7380'. CIRCULATED HOLE CLEAN WITH DRILL AIR. WELL MAKING 1/2 BBL WATER PER HR AND NO SAND. TESTED THE DAKOTA THROUGH 1/2" CHOKE & UP 2 3/8" TBG @ 7240'. WELL STABILIZED @ 175 #. TESTED WELL 4 HRS AFTER WELL STABILIZED. TBG PRESSURE 175 #. 4 1/2" CSG PRESSURE 500 #. 1155 MCFPD. 1 BOPD. 12 BWPD. PERFS @ 7156' TO 7356'. PBTD 7380'. TEST WITNESSED BY SAM MCFADDEN & NOE PARRA. PUH TO 7050'. SWION.
8/16/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 2000 #. RU PROTECHNICE. RAN SPECTRA SCAN & SPINNER SURVEY. LANDED 229 JTS 2 3/8" TBG @ 7240' W/ SEAT NIPPLE & MULE SHOE. PERFS @ 7156' TO 7356'. RU SAND LINE. RIH W/ 1.901" DRIFT TO SEAT NIPPLE. POOH W/ DRIFT. NDBOP - NUWD. SWI. RDMO.