

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.
NMSF079298B

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@conoco.com

8. Lease Name and Well No.
SAN JUAN 28-7 128-

3. Address PO BOX 2197, DU 3084
HOUSTON, TX 77252-2197 3a. Phone No. (include area code)
Ph: 281.293.1613

9. API Well No.
30-039-26954-00-S2

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

10. Field and Pool, or Exploratory
BLANCO MESA VERDE **DAIC**

At surface NWNE 685FNL 1965FEL

11. Sec., T., R., M., or Block and Survey
or Area Sec 12 T27N R7W Mer NMP

At top prod interval reported below

12. County or Parish
RIO ARRIBA 13. State
NM

At total depth

14. Date Spudded
04/27/2002 15. Date T.D. Reached
05/04/2002 16. Date Completed
☐ D & A ☒ Ready to Prod.
06/19/2002

17. Elevations (DF, KB, RT, GL)*
6561 GL

18. Total Depth: MD 7693 TVD 19. Plug Back T.D.: MD 7690 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 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		284		139		0	
12.250	9.625 J-55	36.0		284		139		0	
8.750	7.000 J-55	20.0		5320		633		0	
8.750	7.000 J-55	20.0		5320		633		0	
6.250	4.500 J-55	11.0		7693		385		2200	
6.250	4.500 J-55	11.0		7693		385		2200	

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	7509							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	7456	7657	7456 TO 7657			
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7456 TO 7657	FRAC'D W/SLICKWATER; 80,000# OF BRADY SAND & 3137

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
06/24/2002	06/19/2002	24	▶	0.0	858.0	1.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2"	360	550.0	▶					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. 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 #12398 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOCD

ACCEPTED FOR RECORD
JUL 01 2002
FARMINGTON FIELD OFFICE
BY *[Signature]*

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
SAN JOSE	0	1080		OJO ALAMO	2385
NACIMIENTO	1080	2390		KIRTLAND	2481
OJO ALAMO	2390	2550		FRUITLAND	2777
				PICTURED CLIFFS	3111
				MESAVERDE	3311
				CHACRA	4151
				CLIFF HOUSE	4853
				MENEFEE	4976
				POINT LOOKOUT	5384
				MANCOS	5634
				GALLUP	6663
				GREENHORN	7351
				DAKOTA	7438

32. Additional remarks (include plugging procedure):

This well is a new completion and the Blanco Mesaverde and Basin Dakota are DHC'd as per the attached daily summary report.

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 #12398 Verified by the BLM Well Information System.

For CONOCO INC, sent to the Farmington

Committed to AFMSS for processing by Adrienne Garcia on 07/01/2002 (02AXG0293SE)

Name (please print) YOLANDA PEREZ

Title COORDINATOR

Signature _____ (Electronic Submission)

Date 06/27/2002

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 ****

Daily Summary

API 300392695400	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMMP-27N-7W-12-B	NS Dist. (ft) 685.0	NS Flag N	EW Dist. (ft) 1965.0	EW Flag E
Ground Elev (ft) 5561.00	Spud Date 4/27/2002	Rig Release Date 5/4/2002	Latitude (DMS) 36° 35' 38.6916" N	Longitude (DMS) 107° 31' 20.8704" W			

Start	Ops This Rpt
5/9/2002	HELD SAFETY MEETING. RU SCHLUMBERGER. INSTALLED FRAC VALVE. PRESSURED UP CSG TO 1500 #. RAN CBL LOG FROM 7540' TO 1950'. TOP OF CEMENT @ 2200'. RAN TDT LOG FROM 7540' TO 2350'. RAN GR/CCL LOG FROM 7540' TO SURFACE. TESTED 4 1/2" CSG TO 4300 #. HELD OK. RD SCHLUMBERGER.
5/16/2002	HELD SAFETY MEETING. RU BLUE JET. PERFORATED THE DAKOTA. RIH W/ 3 1/8" 90 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 7456' - 7468' W/ 1 SPF, 7488' - 7499' W/ 1 SPF, 7574' - 7590' W/ 1 SPF, 7608' - 7617' W/ 1 SPF, 7632' - 7635' W/ 1 SPF, 7654 - 7657' W/ 1 SPF. A TOTAL OF 60 HOLES. SWION. RD BLUE JET.
5/17/2002	HELD SAFETY MEETING. RU B J SERVICES. FRAC'D THE DAKOTA. TESTED LINES TO 4800 #. SET POP OFF @ 3880 #. BROKE DOWN FORMATION @ 7 BPM @ 2670 #. DROPPED 36 BALL SEALERS IN 1500 GALS OF 15% HCL ACID @ 1 BALL PER BBL AND 2 BALLS PER BBL FOR THE REMAINING 36 BALL SEALERS @ 22 BPM @ 2719 #. A TOTAL OF 72 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3750 #. RU BLUE JET. RIH W/ JUNK BASKET. RETRIEVED 72 BALL SEALERS. PUMPED PRE PAD @ 36 BPM @ 3738 #. STEPPED DOWN RATE TO 27 BPM @ 2900 #. STEPPED DOWN RATE TO 17 BPM @ 2150 #. STEPPED DOWN RATE TO 8 BPM @ 1775 #. ISIP 1400 #. 5 MIN 884 #. 10 MIN 641 #. 15 MIN 403 #. 20 MIN 250 #. 25 MIN 158 #. 30 MIN 88 #. FRAC'D THE DAKOTA W/ SLICKWATER, 80,000 # 20/40 BRADY SAND & 3137 BBLS FLUID. AVG RATE 62 BPM. AVG PRESSURE 3234 #. MAX PRESSURE 3733 #. MAX SAND CONS 1 # PER GAL. ISIP 1750 #. FRAC GRADIENT .62. RU BLUE JET. RIH W/ 4 1/2" CIBP PLUG. SET PLUG @ 5600'. TESTED PLUG TO 4300 #. HELD OK. PERFORATED THE POINT LOOKOUT W/ 3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5430' - 5468' W/ 1/2 SPF, 5480' - 5490' W/ 1/2 SPF, 5506' - 5520' W/ 1/2 SPF, 5548 - 5556' W/ 1/2 SPF. A TOTAL OF 41 HOLES. BROKE DOWN POINT LOOKOUT FORMATION @ 50 BPM @ 2600 #. PUMPED A TOTAL OF 50 BBLS FLUID. RIH W/ BAKER PRESSURE GAUGES. SET PRESSURE GAUGES @ 5420'. SWI. RD BLUE JET.
5/20/2002	HELD SAFETY MEETING. RU BLUE JET. RIH W/ OVER SHOT ON WIRELINE. LATCHED ON TO PRESSURE GAUGES AND POOH W/ GAUGES. RD BLUE JET.
5/21/2002	HELD SAFETY MEETING. RU B J SERVICES. FRAC'D THE POINT LOOKOUT. TESTED LINES TO 4800 #. SET POP OFF @ 3880 #. DROPPED 24 BALL SEALERS @ 1 BALL PER BBL AND 2 BALLS PER BBL FOR THE REMAINING 26 BALL SEALERS @ 20 BPM @ 305 #. A TOTAL OF 50 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 2600 #. RU BLUE JET. RIH W/ JUNK BASKET. RETRIEVED 50 BALL SEALERS. PUMPED PRE PAD @ 41 BPM @ 1635 #. STEPPED DOWN RATE TO 36 BPM @ 1241 #. STEPPED DOWN RATE TO 28 BPM @ 704 #. STEPPED DOWN RATE TO 8 BPM @ 0 #. ISIP 0 #. 5 MIN 0 #. FRAC'D THE POINT LOOKOUT W/ 65 Q 25 # LINEAR FOAM, 80,340 # 20/40 BRADY SAND, 533,800 SCF N2 & 1110 BBLS FLUID. AVG RATE 45 BPM. AVG PRESSURE 1649 #. MAX PRESSURE 1739 #. MAX SAND CONS 2 # PER GAL. ISIP 103 #. FRAC GRADIENT .32. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET PLUG @ 5000'. TESTED PLUG TO 4300 #. HELD OK. PERFORATED THE CLIFFHOUSE W/ 3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 4872' - 4880' W/ 1/2 SPF, 4910' - 4938' W/ 1/2 SPF, 4948' - 4966' W 1/2 SPF. A TOTAL OF 30 HOLES. BROKE DOWN POINT LOOKOUT FORMATION @ 39 BPM @ 2550 #. PUMPED A TOTAL OF 50 BBLS FLUID. RIH W/ BAKER PRESSURE GAUGES. SET PRESSURE GAUGES @ 4862'. SWI. RD BLUE JET.
5/24/2002	HELD SAFETY MEETING. RU BLUE JET. RIH W/ OVER SHOT ON WIRELINE. LATCHED ON TO PRESSURE GAUGES AND POOH W/ GAUGES. RD BLUE JET.
5/25/2002	HELD SAFETY MEETING. RU B J SERVICES. FRAC'D THE CLIFFHOUSE. TESTED LINES TO 4800 #. SET POP OFF @ 3810 #. DROPPED 18 BALL SEALERS @ 1 BALL PER BBL AND 2 BALLS PER BBL FOR THE REMAINING 18 BALL SEALERS @ 20 BPM @ 1088 #. A TOTAL OF 36 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3700 #. SHUT DOWN FOR 1 HR. WAITED ON BIO BALLS. PUMPED PRE PAD @ 30 BPM @ 2360 #. STEPPED DOWN RATE TO 27 BPM @ 1915 #. STEPPED DOWN RATE TO 21 BPM @ 1404 #. STEPPED DOWN RATE TO 16 BPM @ 910 #. ISIP 200 #. 5 MIN 0 #. FRAC'D THE CLIFFHOUSE W/ 65 Q 25 # LINEAR FOAM, 71,100 # 20/40 BRADY SAND, 698,200 SCF N2 & 904 BBLS FLUID. AVG RATE 35 BPM. AVG PRESSURE 2350 #. MAX PRESSURE 2480 #. MAX SAND CONS 2 # PER GAL. ISIP 1625 #. FRAC GRADIENT .48. SWI. RD BJ SERVICES.
6/6/2002	HELD SAFETY MTG. SICP=525#.MI and perform LO/TO. RU unit and equipment.Kill csg. ND master valve.Set hanger w/ bull plug. NU BOP. RU wood group and test BOP: 250# low test, 5000# high test. Test was good.RU blooie lines and air package lines. Secure well and SDFN.
6/7/2002	Held safety mtg. SICP=175#.Blow well down. TIH picking up w/ 3 7/8" mill bit sub and 156jts 2 3/8" tbg. and tag fill @ 4343'.Clean out w/ 2 jts to plug @ 5000'. Circulate clean. Making light to medium sand.and light water.POOH w/ 8 jts. Secure well and SDFN.
6/10/2002	Held saety mtg. SICP=475#. Bleed well down. TIH w/ 8 jts 2 3/8" tbg. and tag fill @ 4974'. Build air mist and clean out to and drill plug @ 5000'. Point look out making heavy sand and water. Circulate rest of day. Pull tbg, above perfs. Secure well and SDFN.

Daily Summary

API	County	State/Province	Surface Legal Location	NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
300392695400	RIO ARRIBA	NEW MEXICO	NMPM-27N-7W-12-B	685.0	N	1965.0	E
Ground Elev (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)			
6561.00	4/27/2002	5/4/2002	36° 35' 38.6916" N	107° 31' 20.8704" W			

Start	Ops This Rpt
6/11/2002	HELD SAFETY MTG. SICP=500# Bleed well down. TIH w/ 2 3/8" tbg and tag fill @ 5592'. All perms are open. PUH to 4800' and get flowing up tbg. Test MV perms until stabilized. TEST IS AS FOLLOWS: MV PERFS-CH-4872'-4966', PLO-5430'-5556' 2 3/8" TBG, SET @ 4800' FTP= 230# SICP=450# MV PRODUCTION=1518 MCFPD 0 BOPD 1 BWPD 0 BCPD NO SAND PRODUCTION TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES. TIH and c/o fill on top of plug and start to drill plug. Circulate clean Secure well and SDFN. Rig on stand -by for safety stand down meeting.
6/12/2002	KEY SAFETY STAND DOWN. SICP=600# Bleed well down. TIH w/ 27 jts 2 3/8" tbg. and drill CIBP @ 5600'. Circulate clean. Secure well and SDFN.
6/13/2002	SICP=725#. Held safety mtg. Bleed down well. TIH w/ 90jts 2 3/8" tbg. and tag @ 7602'. C/O to PBTD of 7682' w/ 3 jts. Circulate clean. TOOH w/ 93 jts. Secure well and SDFWE. Well making 3 cups of sand per 5 gal of fluid.
6/14/2002	SICP=700#. Held safety mtg. Bleed well down. POOH w/ 150 jts and LD mill and bit sub. PU MS and TIH w/ 243jts 2 3/8" t bg. and tagged @ 7670'. Build air mist and C/O to PBTD of 7682' . Circulate clean. POOH w/ 9 jts. to get above DK perms. Secure well and SDFN. Well making 1 1/2 cups sand per 5 gal bucket.
6/17/2002	Held safety mtg. SICP=700#. Bleed well down. TIH w/ 9 jts and tag fill @ 7676'. Build air mist and C/O to PBTD.Circulate clean. POOH w/ 5 jts to 7532'. Get flowing up tbg. and achive a DHC test. TEST IS AS FOLLOWS: 2 3/8" TBG, SET @ 7532' PRODUCING ZONES ARE DAKOTA/MV PRODUCING PERFS ARE DK- 7456- 7657' MV PERFS- 4872'-5556' FTP=360# SICP=550# PRODUCTION= 2376 MCFPD 1/2 BWPD 0 BOPD 0 CONDENSATE NO SAND. TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES. Secure well and SDFN.
6/18/2002	Held safety mtg. SICP=675#. Bleed well down. TIH w/ 5 jts and tagged no fill. Build air and blow well around. POOH w/93 jts . To 4760'. RU Schlumberger wireline and RIH and pull spinner, temp, fluid density and GR log over DK and MV intervals. Logs will be sent to houston to be reveiwed. RD wireline. TOOH w/150 jts tbg. PU ms/sn and TIH w/ 237jts and land tbg. @ 7509' w/ kb. ND BOP, NU well head. RD unit and equipment. Turn over to operator and EPNG for production.
6/19/2002	