Form 3160-4
(August 1999)

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.: NMSF078497A

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: DEBORAH MARBERRY
E-Mail: deborah.a.marberry@conoco.com

8. Lease Name and Well No.: SJ 28-7 199G

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

3a. Phone No. (include area code)
Ph: 281.293.1005

9. API Well No.: 30-039-27004-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Sec 18 T28N R7W Mer NMP NESW 2430FSL 2240FWL
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory: BASIN DAKOTA

11. Sec., T., R., M., or Block and Survey or Area: Sec 18 T28N R7W Mer NMP

12. County or Parish: RIO ARRIBA
13. State: NM

14. Date Spudded: 08/24/2002
15. Date T.D. Reached: 09/05/2002
16. Date Completed ☐ D & A ☒ Ready to Prod. 10/02/2002
17. Elevations (DF, KB, RT, GL)*: 6886 GL

18. Total Depth: MD 8024 TVD
19. Plug Back T.D.: MD 8021 TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL GR OTH

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	0	241		135		0	
8.750	7.000 J-55	20.0	0	3802		467		0	
6.250	4.500 J-55	11.0	0	8024		470		2185	

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	7922							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	DAKOTA	7792	7992	7792 TO 7992		50	OPEN
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
7792 TO 7992	FRAC W/SLICKWATER, 50,060# 20/40 SAND, 1875 BBLS F

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
10/10/2002	10/02/2002	24	→	0.0	924.0	5.0			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	140 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. SI**	**Csg. Press**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas:Oil Ratio**	**Well Status**	
			→						

ACCEPTED FOR RECORD
OCT 17 2002
FARMINGTON FIELD OFFICE
BY

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

ELECTRONIC SUBMISSION #15109 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOCD

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.)*
FLARED

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	1284		OJO ALAMO	2618
NACIMIENTO	1284	2624		KIRTLAND	2715
OJO ALAMO	2624	2722		FRUITLAND	3114
				PICTURED CLIFFS	3511
				CHACRA	4453
				CLIFF HOUSE	5123
				MENEFEE	5266
				POINT LOOKOUT	5736
				GALLUP	6987
				GREENHORN	7688
				DAKOTA	7753

32. Additional remarks (include plugging procedure):
This well is a single producing well from the Basin Dakota. Attached are the daily summaries.

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 #15109 Verified by the BLM Well Information System.
For CONOCO INC, sent to the Farmington
Committed to AFMSS for processing by Adrienne Garcia on 10/17/2002 (03AXG0111SE)

Name *(please print)* DEBORAH MARBERRY Title SPECIALIST

Signature (Electronic Submission) Date 10/17/2002

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 fradulent statements or representations as to any matter within its jurisdiction.

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

SAN JUAN 28-7 UNIT 199G

Initial Completion

Daily Summary

API/UWI	County	State/Province	Surface Legal Location	N/S Dist. (ft)	N/S Ref.	E/W Dist. (ft)	E/W Ref.
300392700400	RIO ARRIBA	NEW MEXICO	NMPM-28N-7W-18-K	2430.0	S	2240.0	W

Ground Elevation (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)
6886.00	8/25/2002	9/5/2002	36° 39' 38.2716" N	107° 36' 54.5112" W

Start Date	Ops This Rpt
9/10/2002 00:00	HELD SAFETY MEETING. RU SCHLUMBERGER PRESSURED UP CSG TO 2000 #. RAN CBL LOG FROM 8012' TO 2050'. TOP OF CEMENT @ 2185'. RAN TDT LOG FROM 8012' TO 2350'. RAN GR/CCL LOG FROM 8012' TO SURFACE. PRESSURED TESTED 4 1/2" CSG TO 4300 #. HELD OK. RD SCHLUMBERGER. (SSM)
9/18/2002 00:00	HELD SAFETY MEETING. RU BLUE JET. PERFORATED THE DAKOTA. RIH W/ 3 1/8" 90 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 7792' - 7802' W/ 2 SPF, 7888' - 7890' W/ 2 SPF, 7918' - 7923' W/ 2 SPF, 7956' - 7962' W/ 2 SPF, 7990' - 7992' W/ 2 SPF. A TOTAL OF 50 HOLES. SWION. RD BLUE JET. (SSM)
9/19/2002 00:00	HELD SAFETY MEETING. RU B J SERVICES. FRAC'D THE DAKOTA. TESTED LINES TO 5300 #. SET POP OFF @ 3950 #. BROKE DOWN FORMATION @ 9 BPM @ 3400 #. DROPPED 24 BALL SEALERS IN 1000 GALS OF 15% HCL ACID @ 1 BALL PER BBL AND 2 BALLS PER BBL FOR THE REMAINING 36 BALL SEALERS @ 20 BPM @ 2318 #. A TOTAL OF 60 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3800 #. RU BLUE JET. RIH W/ JUNK BASKET. RETRIEVED 60 BALL SEALERS. PUMPED PRE PAD @ 33 BPM @ 3789 #. STEPPED DOWN RATE TO 29 BPM @ 3315 #. STEPPED DOWN RATE TO 23 BPM @ 2707 #. STEPPED DOWN RATE TO 16 BPM @ 2118 #. ISIP 1420 #. 5 MIN 1175 #. 10 MIN 995 #. 15 MIN 828 #. 20 MIN 680 #. 25 MIN 552 #. 30 MIN 413 #. FRAC'D THE DAKOTA W/ SLICKWATER, 50,060 # 20/40 SUPER LC AND 1875 BBLS FLUID. AVG RATE 56 BPM. AVG PRESSURE 3113 #. MAX PRESSURE 3569 #. MAX SAND CONS 1 # PER GAL. ISIP 1828 #. FRAC GRADIENT .62. SWI. RD BJ SERVICES. (SSM)
9/27/2002 00:00	Road rig to location. Spot all equipment. Rig up. Check well pressure. Csg - 100 psi. Blow well down. ND Frac Valves. NUBOP. GDH SHUT DOWN
9/30/2002 00:00	Check well pressure. Csg - 0 psi. Rig up to test BOP'S. Test 250 psi low side and 5000 psi on the high side. Tested OK. Rigged up Blowie line. RIH with Mule Shoe Collar, SN and 2 3/8" tubing. Run 4000' of tubing. Well bore was full of water. Start air package and unload well. GDH SHUT DOWN
10/1/2002 00:00	Check well pressures. CSG - 1800 psi. Blow well down. Continue to RIH with 2 3/8" tubing. Tagged sand fill @ 7939'. Start air package and clean sand fill to PBTD @ 8021'. Circulate to allow well to clean up. Pull up above the perf's. GDH SHUT DOWN
10/2/2002 00:00	RIH to tag for fill. Tagged @ PBTD. No fill. Pulled 2 3/8" tubing up to 7780'. Tested Dakota thru 1/2" choke nipple. TBG - 140 psi. CSG - 500 psi. MCFPD = 924. Water = 5 BBLS. OIL = 0 BBLS. Test witnessed by Noe Parra with Key Energy. RIH and landed 2 3/8" tubing @ 7922' with 250 jts. Mule Shoe Collar and SN on the bottom. NDBOP and NUWH. Rigged down and moved off location. GDH FINAL REPORT.