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. NMSF078498A

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.: SAN JUAN 28-7 252F

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.: 30-039-26879-00-C1

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

At surface: NWSW 1885FSL 845FWL

At top prod interval reported below

At total depth

10. Field and Pool, or Exploratory: BASIN

11. Sec., T., R., M., or Block and Survey or Area: Sec 32 T28N R7W Mer NMP

12. County or Parish: RIO ARRIBA

13. State: NM

14. Date Spudded: 02/11/2002

15. Date T.D. Reached: 02/24/2002

16. Date Completed ☐ D & A ☒ Ready to Prod. 04/09/2002

17. Elevations (DF, KB, RT, GL)*: 6704 GL

18. Total Depth: MD 7722 TVD

19. Plug Back T.D.: MD 7714 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL 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	287		145		0	
8.750	7.000 J-55	20.0	0	3596		651		0	
6.250	4.500 J-55	11.0	0	7722		393			

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	7474							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	DAKOTA	7486	7658	7486 TO 7658		112	OPEN
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
7486 TO 7658	FRAC W/32,882# 20/40 BROWN SAND & 20,000 GALS SLIC
7486 TO 7658	FRAC W/50,000# 20/40 SAND & 2617 BBLS 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
04/15/2002	04/08/2002	24	→	15.0	1452.0	215.0			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	220	615.0	→					GSI

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 #13122 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD
JUL 29 2002
FARMINGTON FIELD OFFICE
BY

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	1004		OJO ALAMO	2404
NACIMIENTO	1004	2294		KIRTLAND	2471
OJO ALAMO	2294	2460		FRUITLAND	2915
				PICTURED CLIFFS	3211
				MESAVERDE	3411
				CHACRA	4170
				CLIFF HOUSE	4882
				MENEFEE	4970
				POINT LOOKOUT	5453
				MANCOS	5773
				GALLUP	6690
				GREENHORN	7374
				DAKOTA	7467

32. Additional remarks (include plugging procedure):
This well is a downhole commingled well in the Basin Dakota and Blanco Mesaverde.
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 #13122 Verified by the BLM Well Information System.
For CONOCO INC, sent to the Farmington
Committed to AFMSS for processing by Adrienne Garcia on 07/29/2002 (02AXG0425SE)

Name *(please print)* DEBORAH MARBERRY Title SPECIALIST

Signature (Electronic Submission) Date 07/26/2002

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 252F (JDB 3/13/02) — Initial Completion

Daily Summary

API	County	State/Province	Surface Legal Location	NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
300392687900	RIO ARRIBA	NEW MEXICO	NMPM-28N-7W-32-L	1980.0	S	850.0	W

Ground Elev (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)
6700.00	2/11/2002	2/24/2002		

Start	Ops This Rpt
3/13/2002	Safety mtg. MIRU fro Fogelson 2 Com #1. Safety mtg. Spot equipment. RU. ND tree. NU BOP's. Test BOP's 250/3000 psi. RU rig pump. SION.
3/14/2002	Safety mtg. PU 3 7/8" bit and 241 jts tbg. Tag cmt @ 7614'. DO to 7714'. Circulate clean. Test csg to 500 psi, OK. LD swivel and 66 jts 2 3/8" tbg on float. SION.
3/15/2002	Safety mtg. LD 178 jts 2 3/8" tbg on float. ND BOP'S. RDMO to SJ 28-7 #252F.
3/20/2002	Safety mtg. RU BlueJet. Tie-in to Schlumberger TDT/CBL logs. Make 4 runs with 3 1/8" csg guns. Shoot as follows: 7486' - 7506' @ 2 spf = 40 holes 7576' - 7588' @ 2 spf = 24 holes 7612' - 7630' @ 2 spf = 36 holes 7652' - 7658' @ 2 spf = 12 holes Total of 112 shot in DK formation. Note: Had one wet gun run and some trouble with shooting panel finally had to shoot last 9 holes with select fire guns. Completed job safely. RD BlueJet. SI well for Frac 3/21/02.
3/22/2002	Safety mtg 22 persons on location. RU BJ and Stinger equipment. Tested lines to 5000 psi. Set pop-off @ 3850 psi. Bull head 1000 gals of 10% Acetic acid. Formation broke down @ 1130 psi. Pump 8400 gals. pre-pad of 2% KCL with surfactant. Established step rates : 33 bpm @ 3750 psi, 21 bpm @ 2400 psi, 13.3 bpm @ 1900 psi, ISIP @ 1400 psi. SD 30 mins and monitor well: 5 min - 885 psi, 10 min - 488 psi, 15 min - 116 psi, 20 min - 30 psi, 25 min - 27 psi. Pumped 20,000 gals. slickwater pad @ 60 bpm . Pumped 885 bbls slick water w/ 32,882# 20/40 brown sand (.5# and part of 1# stg). Well screened out. Displaced sand with 119 bbls of flush to top perfs. NOTE: The FRW-30 (friction reducer) pump diapham failed. Further investigation showed that poor cleanout methods had caused buildup of gel behind diaphram and failure. Switched pumps and attempted to get into frac again but after pumping approx 14 bbls pad the pressure increased to 3800 psi. SD job. Contacted Craig Moody. SI well over weekend for further orders.