

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. SF 078500-A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. SAN JUAN 28-7 243M

9. API Well No. 30-039-26590

10. Field and Pool, or Exploratory BASIN DAKOTA

11. Sec., T., R., M., or Block and Survey or Area Sec 31 T28N R7W Mer NMP

12. County or Parish RIO ARRIBA 13. State NM

17. Elevations (DF, KB, RT, GL)* 6187 GL

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

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr. Other _____

2. Name of Operator CONOCO INC. Contact: DEBORAH MARBERRY E-Mail: deborah.moore@usa.conoco.com

3. Address P.O. BOX 2197 DU 3066 HOUSTON, TX 77252 3a. Phone No. (include area code) Ph: 281.293.0052

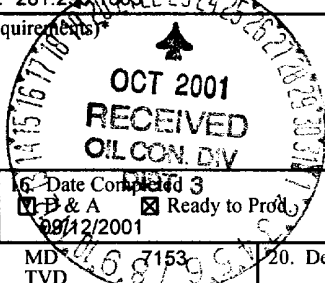
4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SESE 940FSL 740FEL
At top prod interval reported below
At total depth

14. Date Spudded 07/16/2001 15. Date T.D. Reached 07/23/2001 16. Date Completed 09/12/2001 B & A Ready to Prod

18. Total Depth: MD 7155 TVD 19. Plug Back T.D.: MD 7153 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	9.000 J-55	36.0		300		139			
8.750	7.000 J-55	20.0		3149		500			
6.250	4.500 J-55	11.0		7155		379			

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	7049							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BASIN DAKOTA	6948	7168	6942 TO 7078	41.000		
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
6942 TO 7078	74,500 20/40 SAND & 36,466 BBLs GELL & 1000 GALS ACID

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

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
08/02/2001	09/11/2001	24	→	0.0	1680.0	3.0			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 250	250.0	→					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.	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 #7836 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL 2001

NIN...

OR RECORD
CORRECTED COPY
SUM... 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	1954	2100		TOP OJO ALAMO BASE OJO ALAMO KIRTLAND FRUITLAND FORMATION PICTURED CLIFFS LEWIS CHACRA CLIFFHOUSE MENELEE POINT LOOKOUT GALLUP GREENHORN TWO WELLS PAGUATE CUBERO	1954 2100 2100 2498 2791 3191 3756 4437 4567 5032 6218 6948 7033 7146 7168

32. Additional remarks (include plugging procedure):
Daily's are attached.

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 #7836 Verified by the BLM Well Information System.
For CONOCO INC., sent to the Farmington
Committed to AFMSS for processing by Maurice Johnson on 10/15/2001 ()**

Name (please print) DEBORAH MARBERRY Title SUBMITTING CONTACT

Signature (Electronic Submission) Date 10/10/2001

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	County	State/Province	Surface Legal Location	NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
300392659000	RIO ARRIBA	NEW MEXICO	NMPM-28N-7W-31-P	940.0	S	740.0	E
KB Elev (ft)	Ground Elev (ft)	Plug Back Total Depth (ftKB)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)	
6200.00	6187.00	7,155.0	7/16/2001	7/23/2001	36° 36' 47.97" N	107° 36' 27.81" W	

Start	Ops This Rot
7/30/2001	Held safety mtg. RU Schlumberger electric line. PU TDT tools and RIH and tag @ 7150'. Pull TDT/GR/CCL from 7150' to 1700', continuing GR/CCL to surface. LD TDT tools. RU stinger pressure pump. PU CBL tools and RIH to 7150' and pressure up to 1000#. Pull CBL/GR/TDT log to 1150'. TOC @ 1340'. Continue the GR/CCL to surface. RD wireline flange and RU frac valve. Pressure test csg. to 4200#. Test was good. Bleed down. secure well and SDFN.
8/2/2001	Held safety mtg. RU Frac valve. RU Blue jet wireline. and mast truck. PU 3 1/8" guns w/ 12g, 306t 90° pp charges and RIH and perforate the DK sands as follows: 6942'-6966'. 7028'-7032', 7068'-7078'. All shots are 1 spf for a tot. of 41 .34" holes. RD wire line. Secure well and SDFN.
8/3/2001	Held safety mtg. RU stinger Isolation tool. RU Halliburton frac unit. Pressure test lines to 4968# pressure down to 4864# in 5 min. . Set and test pop-off @ 3900#. Start B/D, formation broke @ 2450#, 23 bpm & 3440#. Start 1000 gal 15% HCL acid and 50 7/8" 1.3 rcn balls @ 10.8 bpm & 1589#. Flushed @ 20.3 bpm & 2480#, showed a lot of good breaks, and balled off @ 3680#. RU Blue jet wireline junk basket and lubricator and RIH and retrieve 45 balls. Re-test lines to 4800#. Set pop-off @ 3850#. Start step test @ 29 bpm & 3250#, step to 21 bpm & 2620#, step to 10 bpm & 2020#. ISDP= 1750#, FG= .68 psi/ft. Leak-off is as follows: 5 min=1555#, 10 min=1430#, 15 min=1333#, Start 30# x/l Delta frac @ 40 bpm & 3064#, Start 5# @ 40 bpm & 2952#, Start 1# @ 40 bpm & 2900#, Start 2# @ 40 bpm & 2800#, Start 3# @ 40 bpm & 2700#, Start 5# @ 40 bpm & 2576# Flushed w/ 109 bbl @ 27 bpm .av. ISDP=2140#, 5 min =2043#. Tot sand = 74,500# 20/40 super LC, AV psi= 2700#, Av rate=40 bpm. RD service companys. Secure well and SDFN.
8/18/2001	Held safety mtg. RU blue jet wireline and mast truck. PU 4.5" Halliburton comp plug and RIH and tag fill @ 3750'. Worked plug for a few minutes and could not get through bridge. POOH w/plug and PU sinker bar and RIH and tag @ 3750' agin. Worked sinker bar but could not get through bridge. POOH w/ sinker bar. RD wireline Secure well and SDFN. WILL NEED TO HAVE A RIG ON WELL TO CIRCULATE BRIDGE. THIS WELL WILL BE COMPLETED WITH AWS RIG#473. J. WOOSLEY WILL TAKE OVER WELL OPERATIONS FROM THIS DAY TILL COMPLETION OF WELL.

K

Daily Summary

API	300392659000	County	RIO ARRIBA	State/Province	NEW MEXICO	Surface Legal Location	NMPM-28N-7W-31-P	NS Dist. (ft)	940.0	NS Flag	S	EW Dist. (ft)	740.0	EW Flag	E
KB Elev (ft)	6200.00	Ground Elev (ft)	6187.00	Plug Back Total Depth (ft)KB	7,155.0	Spud Date	7/16/2001	Rig Release Date	7/23/2001	Latitude (DMS)	36° 36' 47.97" N	Longitude (DMS)	107° 36' 27.81" W		

Start	Ops This Hpt
8/28/2001	MIRU Aztec Well Service #473
8/29/2001	Check psi on well 1675# on csg. Blow well to pit. ND wellhead NU BOP's. PU and RIH w/ 3 7/8" MT bit X-over and 162jts 2 3/8" 4.7# J-55 eue 8rd. tbg. to 5121'. Broke Circ. W/ Wtr. and Circ. Hole clean. Returns showed no signs of sand or fill. TOOH w/ Tbg. SDFN
8/30/2001	Check psi on well 75# on csg. Blow well to pit. RU Blue Jet RIH w/ 4 1/2" Halli. Fast Drill plug Set. BP. @ 5150'. POOH w/ Setting tool. PU and RIH w/ 3 1/8" SF Perforating gun. Perforate Point Lookout perms form 4930' to 5016' w/1 spf. and Lower Menefee Perfs from 4814' to 4846' w/ 1/2 spf. POOH w/ Gun. RD Blue Jet. SDFN
8/31/2001	RU Stinger Wellhead Protection and Halliburton. Psi test lines to 5500# held ok. Set pop off @ 3850# St. load break down, ball off. loaded hole w/ 10 bbbs pumped 1000gal HCL acid. and drop 30 balls. No ball action and no ball out. RD. SWP and Halli. RU Blue jet and RET. 27 balls RD Blue jet RU SWP and Halli. St. Pre-pad (step rate). 33bbbs/ min @ 820# ISIP Vac. FG .44 Could not achieve step rate. St. pad @ 50 bbbs/min 2200# 1ppg sand @ 51 bbbs/min (foam rate) 2500# St. 2ppg sand @ 51 bbbs/min (FR) 2400# St. 3ppg sand @ 51 bbbs/min (FR) 2400# st 4ppg sand @ 51bbbs/min (FR) 2400# St flush 76 bbbs SD ISIP 120# 5 min 11# 10 vac. Total sand =121000# 40/20 brady, N@ 542000scf, Gel 710bbbs RD SWH and Halli. RU Blue jet. PU and RIH w/ 4 1/2" Halli fast drill BP. Set BP @ 4870' POOH w/ setting tool PU and RIH w/ 3 1/8" Perforating gun Perf. Lowr Menefee and Cliff house from 4344' to 4746' w/ 1/2 spf. RD Blue jet RU SWP and Halli. Psi tested lines to 5000# held ok set pop off @ 3800# . St break down and ball off. broke @ 3500# Pumped 1000 gal. 15% HCL and drop 40 balls. @ 15 bbbs/min 2050# good ball action no ball out. RD SWP and Halli RU Blue jet RET. 30 balls. ST Pre pad (step rate) @ 30bbbs/min 2000# step to 19bbbs/min @ 15550# step to 9.7bbbs/min 1230# ISIP 990# 5 min 852# 10min 765# 15min 700#. St. pad @ 51bbbs/min 3200# St. 1ppg sand @ 51 bbbs/Min (FR) 3200# st.2ppg sand @ 51bbbs/min 3250# St 3ppg sand @ 47bbbs/min (FR) 3240 # ST. 4ppg sand @ 47bbbs/min 3240# St. flush 57bbbs faom. ISIP 1869#.Total sand 112000# 40/20/brady, N2 623000scf, gel 780bbbs
9/4/2001	Check psi on well 1100# St. Flowing back N2 Frac. Thur 1/4" choke 10:00 am 990# hvy N2 and sand 1:00pm 850# Hvy N2 AND sand. 3:00 pm 700# N2 and Lite sand. 6:00pm 500# lite gas, Med N2 no sand. Turned well over to dry watch. and changed to 1/2" choke. 7:00pm 330# lt. wtr and sand 9:00pm 120# lit wtr and no sand. 12:00 am 90# lt wtr no sand.
9/5/2001	3:00 am 80# on well lite wtr and no sand 6:00 am 80# lite wtr and no sand. 7:30 am Rel dry watch. Blow well down. PU and RIH w/ 3 7/8" MT bit, Bit sub, 6- 3 1/8" DC's, X-over and 163 jt 2 3/8" tbg. Tagged top of sand @ 4679' Approx. 100' of fill. Broke Circ. w/ air mist C/O sand To 4780" Top of BP. Circ. hole for 4 hrs well making Hvy sand and lt. wtr. PUH to 4300" SDFN
9/6/2001	Check psi on well 400# csg and tbg. TIH w/ 10 jts tbg, tag top of sand @ 4755 Approx. 50' of sand. Broke Circ. w/ Air mist, C/O sand To top of BP 4780' Circ hole clean for 3 hrs. PUH to 4300' tested upper Menefee and Cliff House. Thur 1/2" choke for 4 hrs 35# on tbg and 50# on csg. No wtr and No oil. Est. 250 mcf/d test witnessed by Jesse Ruiz Aztec well.SDFN
9/7/2001	Check psi on well 250# on csg. and Tbg. Blow well to pit TIH w/ tbg tagged BP @ 4780" no sand over night. Broke Circ. w/ air mist D/O plug. PU and RIH w/ 10 jts tbg. tagged sand @ 4950' Aprox. 70' of sand Broke Circ. w/ air mist C/O sand to 5150' top of BP Circ hole clean for 4 hrs Well making Med wtr and Lt. sand. PUH to 4300' SDFN
9/10/2001	Check psi on well 800# on tbg and csg. Blow well to pit. RIH tbg. Tag sand @ 4990' Aprox. 20' of fill Broke Circ. w/ air mist, C/O to Top of BP @ 5150' Circ. hole clean for 2 hrs. well making no sand and no wtr. PUH to 4300' tested PLO, Menefee and Cliff house. Perfs from 4344' to 5016' Thur 1/2" choke for 4 hrs. Tbg 120# Csg 145#. Est. 800mcf/d gas 1bbl wtr and no oil. Test witnessed by Jesse Ruiz Aztec well. TIH w/ tbg. tagged BP @ 5150' Broke Circ. w/ air mist D/O BP over DK Perfs. Circ. hole clean PUH to 4300' SDFN
9/11/2001	Check psi on well. 900# on tbg and csg. Blow well to pit. TIH w/ tbg. Tagged sand @ 6980' Aprox. 90' of sand. Break Circ. w/ air mist. C/O sand to 7149' (PBSD). Cric. well for 5 hrs well making no sand and Med. wtr. PUH to 6500' tested DK Perfs from 6942' to 7078' Thur 1/2" choke. 250# on tbg and 250# on Csg. Total Gas = 1680mcf/d 3bbbs wtr and no oil. (MV perfs = 800mcf/d 1 bbl wtr and no oil. DK Perfs = 860mcf/d 2bbl wtr no oil. All test witnessed by Jesse Ruiz Aztec well.) TIH w/ tbg. tagged @ 7149' no new sand . PUH to 4300' SDFN
9/12/2001	Check psi on well 900# on Tbg. Blow well to pit. TIH w/ Tbg. Tagged @ 7149' (PBSD) No new fill. TOOH w/ Tbg. LD 6- 3 1/8" DC's. PU and RIH w/ Halli. Pump out plug. SN and 223 jts 4.7# J-55 eue 8 rd. Tbg. ND BOP's NU Wellhead. Landed Tbg @ 7049' + 13' KB PO Halli plug w/ air @ 1850#. SWI RDMO. (FINAL REPORT). [WAITING FACILITIES]