

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

Lease Serial No.  
NMSF078565

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		RECEIVED OIL CONDUIT DIST. 3	1f. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Other			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 260M	
3. Address P. O. BOX 2197, DU 3084 HOUSTON, TX 77252-2197		3a. Phone No. (Include Area Code) Ph: 281.293.1613 FAX: 281.293.5090		9. API Well No. 30-039-26563	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface: SWSE 980FSL 1730FEL  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 Arca Sec 5 T27N R7W Mer NMP	
				12. County or Parish RIO ARRIBA	13. State NM
14. Date Spudded 04/22/2001		15. Date T.D. Reached 05/03/2001		16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 07/24/2001	
17. Elevations (DF, KB, RT, GL)* 6742 GL					
18. Total Depth: MD TVD 7710		19. Plug Back T.D.: MD TVD 17		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)				22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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)	Casing Top*	Amount Pulled
12.250	9.625 J-55	36.000		515		310			
8.750	7.000 J-55	20.000		3780		410			
6.250	4.500 J-55	11.000		7705		430			

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	7554							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BASIN DAKOTA	7544	7678	7544 TO 7678			
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
7544 TO 7678	ACIDIZED W/1000 GAL 15% HCL. & 54 BALL SEALERS
7544 TO 7678	FRAC W/DELTA 200 25,85,500 BRADY SAND, 1249 BBLs

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
07/24/2001	07/24/2001	24	→	0.0	1815.0	0.0			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	
5	275	550.0	→					P3W	

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 #7424 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

ACCEPTED FOR RECORD

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*

28 2001

RECEIVED

SMITH 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.)

VENTED

## 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	2446	2598		CJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS LEWIS CHACRA CLIFFHOUSE MENELEE POINT LOOKOUT GALLUP GREENHORN TWO WELLS PAQUATE CUBERO	2446 2598 3014 3288 3819 4246 4974 5068 5523 6702 7441 7530 7627 7668

## 32. Additional remarks (include plugging procedure):

For further information please refer to 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 #7424 Verified by the BLM Well Information System for CONOCO INC.,  
Sent to the Farmington. Committed to AFMSS for processing by Maurice Johnson on 09/28/2001 ()

Name (please print) YOLANDA PEREZTitle COORDINATOR

Signature: \_\_\_\_\_

Date 09/25/2001

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

## Daily Summary

API 30039-2656300	County RIO ARriba	State/Province NEW MEXICO	Surface Legal Location NMPM-27N-7W-5-O	NS Dist. (ft) 980.0	NS Flag S	EW Dist. (ft) 1730.0	EW Flag E
KB Elev (ft) 6712.00	Ground Elev (ft) 6699.00	Plug Back Total Depth (ftKB) 7,710.0	Spud Date 4/22/2001	Rig Release Date 5/3/2001	Latitude (DMS) 36° 36' 9.1044" N	Longitude (DMS) 107° 35' 33.5184" W	

Start	Ops This Rpt
5/9/2001	HELD SAFETY MEETING. RU WIRE LINE. RIH W/ 3 3/4" GAUGE RING TO 7684'. POOH W/ GAUGE RING. SWI. RD WIRE LINE.
6/4/2001	HELD SAFETY MEETING. MIRU.
6/5/2001	HELD SAFETY MEETING. MIRU. ND FRAC VALVE. NUBOP. TESTED BOP TO 250 # & 5000 #. BOTH PIPE AND BLIND RAMS. HELD OK. PICKED UP TBG OFF OF FLOAT. RIH W/ 3 7/8" BIT ON 2 3/8" TBG. TAGGED @ 7684'. DRILLED OUT CEMENT FROM 7684' TO 7697' - PBTD. CIRCULATED HOLE CLEAN. SWION.
6/6/2001	HELD SAFETY MEETING. POOH W/ 2 3/8" TBG. INSTALLED DRILL GAS COMPRESSORS & BLOOEY LINES. SWION.
6/7/2001	HELD SAFETY MEETING. RU BLUE JET. PERFORATED THE DAKOTA W/ 3 1/8" 90 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 7544' - 7564' W/ 1 SPF, 7632' - 7639' W/ 1 SPF, 7663' - 7678' W/ 1 SPF. WITH A TOTAL OF 45 HOLES. RD BLUE JET. INSTALLED FRAC HEAD. SWION.
6/8/2001	HELD SAFETY MEETING. RU HALLIBURTON. ACIDIZED & FRAC'D THE DAKOTA. TESTED LINES TO 5300 #. ACIDIZED W/ 1000 GAL 15% HCL ACID & 54 BALL SEALERS. EST RATE @ 15 BPM. DROPPED 22 BALL SEALERS @ 1 BALL PER BBL & 2 BALLS PER BBL FOR REMAINING BALLS. DROPPED A TOTAL OF 54 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3400 #. RU BLUE JET. RIH W/ JUNK BASKET. RETRIEVED 54 BALL SEALERS. PUMPED PER-PAD @ 3104 # @ 29 BPM. ISIP 1550 #. FRAC'D THE DAKOTA W/ DELTA 200 25 #, 85,500 # 20/40 BRADY SAND, 1249 BBLs FLUID. AVG RATE 45 BPM. AVG PRESSURE 2983 #. MAX PRESSURE 3136 #. MAX SAND CCNS 5 # PER GAL. ISIP 2350 #. FRAC GRADIENT .64. RU BLUE JET. RIH W/ 4 1/2" COMPOSIT PLUG. SET @ 5750'. PERFORATED THE CLIFF HOUSE, UPPER MENELEE, LOWER MENELEE & POINT LOOKOUT W/ 3 1/8" 90 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 5030' - 5058' W/ 1/2 SPF, 5193' - 5195' W/ 1 SPF, 5249' - 5251' W/ 1 SPF, 5366' - 5370' W/ 1 SPF, 5471' - 5475' W/ 1 SPF, 5530' - 5534' 1/2 SPF, 5554' - 5562' W/ 1/2 SPF, 5576' - 5584' W/ 1/2 SPF, 5627' - 5631' W/ 1/2 SPF. A TOTAL OF 47 HOLES. RD BLUE JET. SWI.
6/11/2001	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 50 #. RIH W/ 2 3/8" TBG. POOH W/ TBG. LAID ALL TBG DOWN ON FLOAT. NDBOP - NU FRAC VALVE. RD MO
6/14/2001	HELD SAFETY MEETING. RU BJ SERVICES. FRAC'D THE POINT LOOKOUT, MENELEE, & CLIFFHOUSE. TESTED LINES TO 5300 # AND SET POP OFF @ 3850 #. BROKE DOWN WELL @ 2700 # @ 11 BPM. ACIDIZED W/ 1000 GALS 15% HCL ACID @ 750 # @ 11 BPM. STABILIZED RATE @ 20 BPM @ 2150 #. DROPPED 29 BALLS @ 1 BALL PER BBL AND THEN 2 BALLS PER BBL FOR THE REMAINING BALLS. DROPPED A TOTAL OF 57 BIO BALLS. GOOD BALL ACTION. BALLED OFF @ 2900 #. SHUT DOWN FOR 1 HR, WAITING ON BIO BALLS. FRAC'D THE MV W/ SLICK WATER, 181,000 # 20/40 BRADY SAND, & 3276 BBLs FLUID. AVG RATE 83 BPM. AVG PRESSURE 3100 #. MAX PRESSURE 3700 #. MAX SAND CONS 2 1/2 # PER GAL. ISIP 750 #. FRAC GRADIENT .56. RA TAGGED PAD W/ SCANDIUM. RA TAGGED .50 #, & 1 # SAND W/ ANTIMONY. RA TAGGED 2 # & 2 1/2 # SAND W/ IRRIDIUM. SWION. RD BJ SERVICES.
7/9/2001	Safety mtg. Road Keys rig # 34 to SJ 28-7 # 260M from SJ 28-7 #84. Spot equip. 1020 psi SICP. Bled down thru 1/2" choke to 600 psi. Kill csg w/ KCL water. ND Frac valve. NU 3M# BOPs. SION.
7/10/2001	Safety mtg. 8 psi SICP. Bled down. RU Quadco to test BOPs. Test BOPs 250 psi/ 3000 psi, Blind & pipe rams, OK. RU gas compressors & blooe lines. SION.
7/11/2001	Safety mtg. 0 psi SICP. WO BLM approval for drill gas thru ELPASO. Line and meter run installed. Recieved BLM approval late afternoon. PU 85 jts 2-3/8" tbg. Tagged fill @ 5482'. POOH w/ 55 jts tbg. EOT @ 3766'. Universal mechanic serviced both gas compressors. SION.
7/12/2001	Safety mtg. 0 psi SICP. Unload well to 3766'. GIH w/ 40 jts to 5030'. Unload well to 5030'. Circulate clean. SION.
7/13/2001	Safety mtg. SICP & SITP - 960 psi. Bled down well. TIH w/ 14 jts 2-3/8" tbg and tag 5482'. CO to 5640' (1st cmt retainer). POH 19 jts. EOT @ 5030'. Flowback thru tbg w/ 1/2" choke over night.  4 hour flow test (7/14/01) from 0100 hrs - 0500 hrs: 200 psi FTP w/ 1/2" choke; Calc'd. 1,320 mcf.  SI well 1000 hrs 7/14/01 till 7/17/01.
7/17/2001	Safety mtg. 320 psi SITP, 940 SICP. Bled down csg, Kill tbg w/ 15 bbls KCL water. TIH w/ 19 jts tbg, tag fill @ 5609'. CO to plug @ 5750'. Mill out plug. Circulate out @ 5767'. TOOH w/ 23 jts tbg. SION.
7/18/2001	Safety mtg. 940 psi SICP/SITP. Bled down csg kill tbg w/ KCL water. TIH w/ 55 jts. Unload well @ 5773'. PU 3 Jts tbg & tag @ 6868'. Clean -out from 6963'. POOH 66 jts tbg. SION.
7/19/2001	Safety mtg. 920 psi SICP & SITP. Bled down csg. Kill tbg. TIH w/ 60n jts. Tag @ 6836'. CO to 7121'. Circulated clean with foam sweeps. POOH w/ 68 jts. SION.
7/20/2001	Safety mtg. 980 psi SICP & SITP. Bled down csg. Kill tbg. TIH w/ 66 jts tbg. Tag fill @ 7057'. RU swivel & CO well to 7286. Circulate clean. POOH w/ 71 jts tbg. SION.
7/23/2001	Safety mtg. 920 psi SICP & SITP. Bled down csg. Kill tbg. RIH w/ 71 jts tbg to 7211'. RU swivel and CO to PB @ 7697'. Circulate out till clean. POH w/ 84 jts. Flow up tbg overnight for flow tes: (EOT @ 5030') though 1/2" choke.

## Daily Summary

API 30039-2656300	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-27N-7W-5-O	NS Dist. (ft) 980.0	NS Flag S	EW Dist. (ft) 1730.0	EW Flag E
KB Elev (ft) 6712.00	Ground Elev (ft) 6699.00	Plug Back Total Depth (ftKB) 7,710.0	Spud Date 4/22/2001	Rig Release Date 5/3/2001	Latitude (DMS) 36° 36' 9.1044" N	Longitude (DMS) 107° 35' 33.5184" W	

Start	Ops This Rpt
7/24/2001	Safety mtg. Checked overnight flowback results and changed out bad gauge. (EOT @5030') Flow test results from 0400 hrs to 0800 hrs as follows: FTP stabilized @ 275 psi thru 1/2" choke (calculated - 1,815 mcf/d, Very light water, No sand, No oil. Witnessed by George Spires, Genaro Meaz); SICP stabilized @ 550 psi. Bled down csg. Kill tbg. TIH w/ 84 jts tbg. Tag fill @ 7676'. CO to PBTD 7697' (31' fill). Circulate clean. POOH w/ 243 jts 2-3/8" tbg. LD mill. TIH w/ 243 jts tbg, SN & Mule shoe. CO @ 7697'. LD 5 jts tbg. Land 238 jts tbg, SN & MS. @ 7554'. Kill tbg & csg. ND BOP's. NU wellhead. Secure well for production. RD Keys # 34 for move to SJ 28-7 #181F. Final rig report. (Note: Spectralog to be run after rig move.)