

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 87240

District II

811 South First, Artesia, NM 87210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

WELL API NO.

30-039-07365

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unti Agreement Name
SAN JUAN 28-7

8. Well No. 25

9. Pool name or Wildcat
SO. BLANCO PC / BLANCO MESAVERDE

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other

2. Name of Operator CONOCO, INC.

3. Address of Operator P.O. BOX 2197 DU 3084HOUSTONTX77252

4. Well Location

Unit Letter K 1650 feet from the SOUTH line and 1650 feet from the WEST line

Section 23 Township 28N Range 7W NMPM County RIO ARRIBA

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: DHC ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOBS ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work). SEE RULE 1103. For Multiple Completions: Attach diagram of proposed completion or recompletion.

In reference to Order #R-11363 Conoco proposes to downhole commingle in the South Blanco P.C. and Blanco Mesaverde

Perforations are:

South Blanco P.C. (proposed) 3345' - 3388'

Blanco Mesaverde 4925' - 5666'

Allocation will be by subtraction (see attached)

Commingling in this well will not reduce the value of the remaining production.

BLM has been notified of our intent.

In reference to Order #R-10476-B interest owners were not notified.

I hereby certify that the information above is true, and complete to the best of my knowledge and belief.

SIGNATURE Deborah Marberry TITLE REGULATORY ANALYST DATE 05/10/2002

Type or print name DEBORAH MARBERRY

Telephone No. (281)293-1005

(This space for State use)

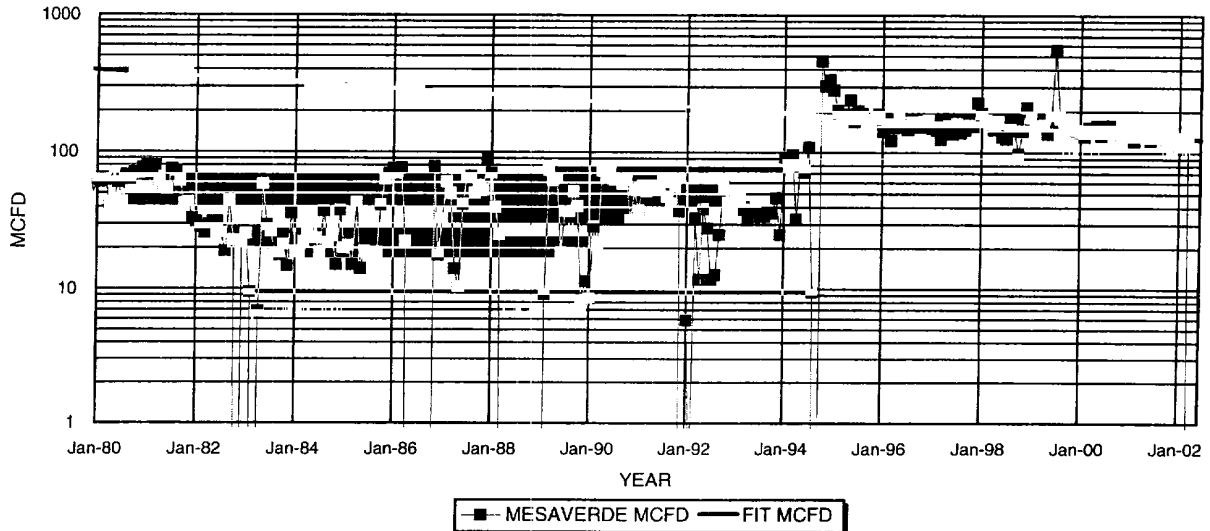
APPROVED BY Original Signed by DEBORAH MARBERRY TITLE DATE

Conditions of approval, if any:



MAY 17 2002

**SAN JUAN 28-7 UNIT #25 MESAVERDE PRODUCTION
SECTION 23-28N-07W, RIO ARRIBA, NEW MEXICO**



MESAVERDE PRODUCTION		1ST PROD: 07/55	MESAVERDE PROJECTED DATA	
OIL CUM:	2.47	MBO	Jan '02 Qi:	129 MCDF
GAS CUM:	1418.2	MMCF	DECLINE RATE:	5.0% (EXPONENTIAL)
OIL YIELD:	1.74	BBL/MMCF	API #30-039-07365	

PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

NOTE: Current decline rate is approximately 5.0%/year. This rate is expected to continue for the duration of the well based on production trends observed during the life of this well.
Production data from PEEP.

YEAR	MID-YEAR	MID-YEAR
	AVG. MCDF	AVG. BOPD
2001	132	0.2
2002	125	0.2
2003	119	0.2
2004	113	0.2
2005	108	0.2
2006	102	0.2
2007	97	0.2
2008	92	0.2
2009	88	0.2
2010	83	0.1
2011	79	0.1
2012	75	0.1
2013	71	0.1
2014	68	0.1
2015	64	0.1
2016	61	0.1
2017	58	0.1
2018	55	0.1
2019	52	0.1
2020	50	0.1
2021	47	0.1
2022	45	0.1
2023	43	0.1
2024	41	0.1
2025	39	0.1
2026	37	0.1
2027	35	0.1
2028	33	0.1
2029	31	0.1
2030	30	0.1
2031	28	0.0

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State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
30-039-07365	72319	BLANCO MESAVERDE
⁴ Property Code	⁵ Property Name	⁶ Well Number
016608	SAN JUAN 28-7 UNIT	25
⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
005073	CONOCO, INC.	

¹⁰ Surface Location

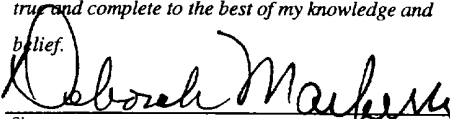
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	23	28N	7W		1650	SOUTH	1650	WEST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
320	I	U	

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature DEBORAH MARBERRY Printed Name REGULATORY ANALYST Title 05/10/2002 Date
				¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

1650

1650

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-07365		² Pool Code 72439		³ Pool Name SO. BLANCO PICTURED CLIFFS	
⁴ Property Code 016608		⁵ Property Name SAN JUAN 28-7 UNIT			⁶ Well Number 25
⁷ OGRID No. 005073		⁸ Operator Name CONOCO, INC.			⁹ Elevation

¹⁰ Surface Location

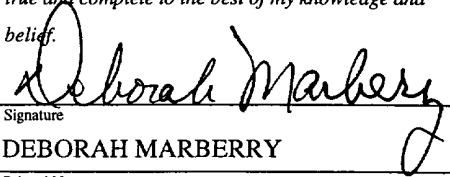
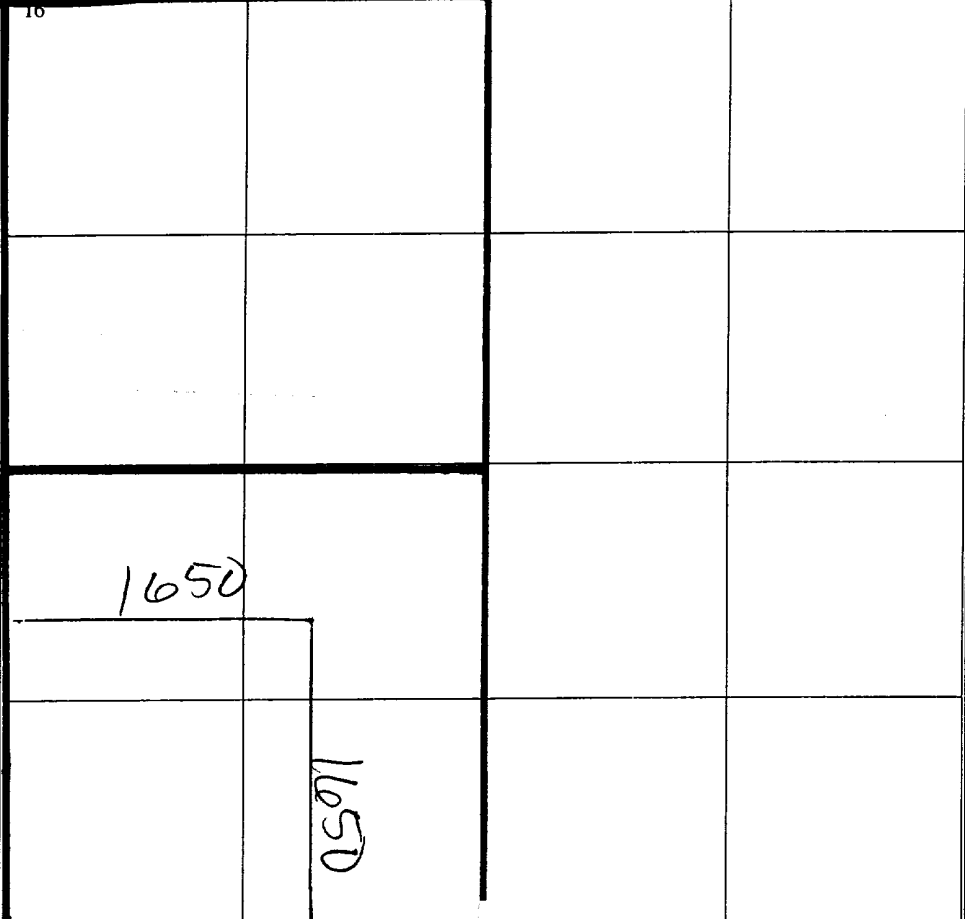
UL or lot no. K	Section 23	Township 28N	Range 7W	Lot Idn	Feet from the 1650	North/South line SOUTH	Feet from the 1650	East/West line WEST	County RIO ARRIBA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 160	¹³ Joint or Infill I	¹⁴ Consolidation Code U	¹⁵ Order No.
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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.
NMSF079290

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator CONOCO INC			Contact: DEBORAH MARBERRY E-Mail: deborah.a.marberry@conoco.com		
3. Address PO BOX 2197, DU 3084 HOUSTON, TX 77252-2197			3a. Phone No. (include area code) Ph: 281.293.1005		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 23 T28N R7W Mer NMP At surface NESW 1650FSL 1650FWL 36.64392 N Lat, 107.54558 W Lon At top prod interval reported below At total depth			8. Lease Name and Well No. SJ 28-7 25		
			9. API Well No. 30-039-07365-00-C2		
			10. Field and Pool, or Exploratory SOUTH BLANCO PICTURED CLIFFS		
			11. Sec., T., R., M., or Block and Survey or Area Sec 23 T28N R7W Mer NMP		
			12. County or Parish RIO ARRIBA		13. State NM
14. Date Spudded 06/28/1955		15. Date T.D. Reached 07/17/1955	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/12/2002		17. Elevations (DF, KB, RT, GL)* 6649 DF
18. Total Depth: MD TVD 5695		19. Plug Back T.D.: MD TVD 5695		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR CCL CBL				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 checked="" type="checkbox"/> No <input 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)	Cement Top*	Amount Pulled
13.750	9.625	25.0		175		125		0	
8.750	7.000	23.0		4925		500		3410	

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	5660							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PICTURED CLIFFS	3344	3389	3344 TO 3389		37	
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
3344 TO 3389	FRAC W/636 BBLs 25# LINEAR GEL, W/592,906 SCF N2 &

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
08/19/2002	08/13/2002	24	→	0.0	210.0	4.0			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	SI	145.0	→					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	
	SI		→						

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

ELECTRONIC SUBMISSION #14944 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** 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
MESAVERDE				MESAVERDE OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS CLIFF HOUSE MENESEE POINT LOOKOUT	2588 2615 3086 3335 4967 5110 5515

32. Additional remarks (include plugging procedure):

This well is now a downhole commingled well in the Blanco PC South 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 #14944 Verified by the BLM Well Information System.

For CONOCO INC, sent to the Farmington

Committed to AFMSS for processing by Matthew Halbert on 11/07/2002 (03MXH0153SE)

Name (please print) DEBORAH MARBERRY

Title SPECIALIST

Signature (Electronic Submission)

Date 10/10/2002

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 ****

NMCCD

Daily Summary

API/UWI	County	State/Province	Surface Legal Location	N/S Dist. (ft)	N/S Ref.	E/W Dist. (ft)	E/W Ref.
300390736500	RIO ARRIBA	NEW MEXICO	NMPM-28N-7W-23-K	1650.0	S	1650.0	W
Ground Elevation (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)			
6639.00	6/28/1955		36° 38' 38.112" N	107° 32' 44.16" W			

Start Date	Ops This Rpt
8/5/2002 00:00	MIRU AWS# 376. Notified Richard Farmer of recompletion 8/01/02. Held safety meeting. Bled well down. ND tree. NU BOP. Tested BOP pipe and blind rams. TIH and tagged. TOH with 182 jts 2-3/8" prod tbg, SN, MS. SLM=5667.12'. Tagged @ 5714'. 48' below bottom perf. SWI-SDON.
8/6/2002 00:00	SICP: 230 psi. Held safety meeting. Bled well down. RU Blue Jet. RIH and set CIBP @ 4770'. Loaded casing. Pressure test casing to 1000 psi. Held 1000 psi on casing & ran GR-CCL=CBL form 4770'-3000'. Showed good cement bond to TOC @ 3410'. Decision was made by Engr's to perf sqz holes @ 3400. Contacted Steve Mason w/ BLM @ 3:15 PM, 8/6/02 and discussed planned cementing. Contacted Charlie Perrin w/ NMOC @ 3:28 PM, 8/6/2002 and discussed planned cementing operation. Pressure test 4-1/2" x 7" annulus to 300 psi, test OK. Perf'd 4-1/2" casing @ 3400'. Pumped into sqz holes and broke circ out 4-1/2" x 7" annulus with no problem. Closed 4-1/2" x 7" ann valve. Pumped into sqz hole in 7" casing @ 1/4BPM @ 800 psi. SWI-SDON.
8/7/2002 00:00	Left voice mail message for Steve Mason w/BLM @ 8:36 AM detailing cementing operations. Held safety meeting. Performed sasfety investigation. ND BOP. NU 7-1/16" 3M x 5-1/2" 8rd flange on tubinghead. RU BJ Services. NU cementing head on flange. Broke circulation with fresh water, pumped 10 bbls dye water, 250 sx Premium Lite FM + 2% CaCl2 + 8% gel mixed @ 12.1 ppg 2.11 yld f/b 50 sx Type III neat mixed @ 14.5 ppg 1.4 yld. Displaced cement to 3225' with 50 bbls fresh water. Circ'd 77 sx to pit. JC & CIP @ 2:15 pm, 8/7/2002. SWI-SDON. RD BJ Services.
8/8/2002 00:00	SICP: 0 psi. PU 3-7/8" bit, bit sub, (6) 3-1/8" DC's, XO. TIH with BHA & 2-3/8" tubing. Tagged cement @ 3045' Broke circ& drill cement from 3045'-3408'. Circ'd well clean. Pressure test casing to 3000 psi. Test OK. TOH with 2-3/8" tbg & DC's. SWI-SDON.
8/8/2002 00:00	SICP: 0 psi. Held safety meeting. PU 3-7/8" bit, bit sub, (6) 3-1/8" OD DC's, XO. Tih with BHA & tbg. Tagged cement @ 3045'. Broke irc and drill cement from 3045'-3408'. Fell out of cement. Circ'd clean. Pressure test casing to 3000 psi, test OK. toh WITH 2-3/8" tbg & BHA. SWI-SDON.

NMOC

Daily Summary

API/UWI	County	State/Province	Surface Legal Location	N/S Dist. (ft)	N/S Ref.	E/W Dist. (ft)	E/W Ref.
300390736500	RIO ARRIBA	NEW MEXICO	NMPM-28N-7W-23-K	1650.0	S	1650.0	W
Ground Elevation (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)			
6639.00	6/28/1955		36° 38' 38.112" N	107° 32' 44.16" W			

Start Date	Ops This Rpt
8/9/2002 00:00	8/9/2002

Frac Job SJ 28-7 #25
Pictured Cliffs Perfs 3344-3389 37 holes total

Capacities
4-1/2" 11.6 #/ft = .0155 bbls/l.ft
Top perf: 3344 = 51.8 bbls
Mid perf: 3371 = 52.3 bbls
Bott perf: 3389 = 52.5 bbls

Held safety meeting. Pressure tested lines to 4030 - 3989 psi for 5 mins. Set pop-off @ 2695 psi.

Breakdown / Ball Job
Broke perfs @ 5.5 bpm @ 1088 psi
Shut down. ISIP: 210 psi.
FG: .49
Ball Job:
(50) 7/8" bio-balls
9 bpm @ 742, Incr'd rate to 12 bpm @ 943-1180-2780 balled off.
Shut down. Shut well in. Broke out ball gun. Prep to retest lines.
Wait 1 hour.
Re-test lines to 4243 - 4241 in 5 mins psi. Set pop-off @ 2911psi.
Test N2 lines, changed out chicksan.

Step Rate Test
Initial rate/pressure: 22 bpm @ 1538, 30.5 bpm @ 2291
1st step: 25 bpm @ 1668 - 1700
2nd step: 22.2 bpm @ 1494 - 1515
3rd step: 18 bpm @ 1220 - 1243
ISIP: 260 psi.
Monitor 5 mins: 175 psi.
FG: .51

Frac Job:
Pad: 12.4 bpm fld rt @ 2120 psi, BH fm rt 33.2 bpm, 35.5 bpm @ 2180 psi (119 bbls pumped pop-off went) Shut down closed pop-off. Resumed job. 63.7Q
Start ? ppg: 13.1 @ 2089 - 2130, BH fm rt 35.7 @ 2180 psi. (sand on form) 36.5 bpm @ 2087-2037-1980 (sand cleaned up perfs) (91) 65.3Q
Start 1 ppg: 13.7 bpm fld rt @ 1960 psi, BH fm rt 36.3 bpm @ 1906 (sand on form) 35.1 bpm @ 1867-1760- 1744 (196) 65.8Q
Start 2 ppg: 15.3 bpm fld rt @ 1710 psi. BH fm rt 35.9 bpm @ 1710 psi (sand on form) 35.6 bpm @ 1715 - 1696 (261)
Start flush: 15.3 bpm fld rt @ 1679 BH fm rt 34.9 bpm .
ISIP: 1060 psi. 5 min:
636 bbls 25# linear gel foamed to 65Q foam with 592,906 scf N2 + 73024 lbs 20/40 Brady sand
Max: 2228 Min: 1407 Average: 1858 AIR: 34.9 bbls fm rt.
ISIP: 1060 5 min: 1012 10 min: 1014 psi.

8/12/2002 00:00 SICP: 500 psi. ND frac valve. Built blooey line and dug blow pits. Left well shut in.