

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.
NMSF078500A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
SAN JUAN 28-7 UNIT 199M

9. API Well No.
30-039-26718-00-X1

10. Field and Pool, or Exploratory
BASIN DAKOTA

11. County or Parish, and State
RIO ARRIBA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
CONOCO INC
Contact: YOLANDA PEREZ
E-Mail: yolanda.perez@conoco.com

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

3b. Phone No. (include area code)
Ph: 281.293.1613
Fx: 281.293.5090

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 19 T28N R7W SWNW 1755FNL 660FWL

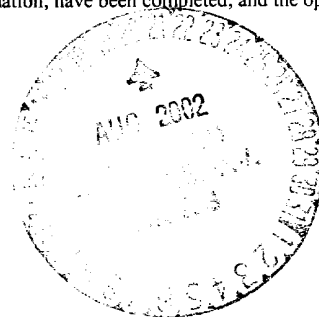
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Well Spud
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

APD/ROW

The above mentioned well was spud on 8/15/02 at 4:30 AM.



14. I hereby certify that the foregoing is true and correct.

Electronic Submission #13641 verified by the BLM Well Information System

For CONOCO INC, sent to the Farmington

Committed to AFMSS for processing by Adrienne Garcia on 08/19/2002 (02AXG0516SE)

Name (Printed/Typed) YOLANDA PEREZ

Title COORDINATOR

Signature (Electronic Submission)

Date 08/17/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

ADRIENNE GARCIA
Title PETROLEUM ENGINEER

Date 08/19/2002

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Farmington

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 ** REVISED ****

NMOCD

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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Expires: November 30, 2000

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☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
SAN JUAN 28-7 UNIT 199M

2. Name of Operator
CONOCO INC
Contact: YOLANDA PEREZ
E-Mail: yolanda.perez@conoco.com

9. API Well No.
30-039-26718-00-X1

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

3b. Phone No. (include area code)
Ph: 281.293.1613
Fx: 281.293.5090

10. Field and Pool, or Exploratory
BASIN DAKOTA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 19 T28N R7W SWNW 1755FNL 660FWL

11. County or Parish, and State
RIO ARRIBA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Casing has been set on the above mentioned well as per the attached wellbore schematic.



14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #13878 verified by the BLM Well Information System
For CONOCO INC, sent to the Farmington
Committed to AFMSS for processing by Adrienne Garcia on 09/05/2002 (02AXG0597SE)**

Name (Printed/Typed) YOLANDA PEREZ

Title COORDINATOR

Signature (Electronic Submission)

Date 08/27/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED		ADRIENNE GARCIA PETROLEUM ENGINEER	Date 09/05/2002
Approved By _____		Office Farmington	

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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

NMOCD

Well Name: SAN JUAN 28-7 199M
API #: 30-039-26718

Spud Date: 15-Aug-02
Spud Time: 0430 HRS

TD Date: 23-Aug-02
Rig Release Date: 24-Aug-02

7 1/16" 5M x 2 1/16" Tree Adapter/Cap
11" 3M x 7 1/16" 5M Tubing Head
11" 3M x 11" 3M Speedhead
9-5/8" 8 RD x 11" 3M Casing Head

Surface Casing Date set: 08/15/02
Size 9 5/8 in
Set at 242 ft # Jnts: 5
Wt. 36 ppf Grade J55
Hole Size 12 1/4 in
Wash Out 100 %
Est. T.O.C. Surf ft

Csg Shoe 242 ft
TD of surface 250 ft

Notified BLM @ 1626 hrs on 8/14/02
Notified NMOCD @ 1630 hrs on 8/14/02

Intermediate Casing Date set: 08/19/02
Size 7 in
Set at 3647' ft # Jnts: 85
Wt. 20 ppf Grade J-55

Hole Size 8 3/4 in
Wash Out BELOW %
Est. T.O.C. Surf ft

Csg Shoe 3647 ft
TD of intermediate 3657 ft

Notified BLM @ 0619 hrs on 8/18/02
Notified NMOCD @ 0625 hrs on 8/18/02

Production Casing Date set: 08/23/02
Size 4 1/2 in
Wt. 10.5 ppf Grade J-55 from 12 to 7826 ft
Wt. ppf Grade from to ft
Wt. ppf Grade from to ft
Hole Size 6 1/4 in # Jnts: 182 & 2 MRKS
Wash Out: 50 %
Est. T.O.C. 1817 ft
Marker jnt @ 7373 ft
Marker jnt @ 4801 ft

Notified BLM @ 1728 hrs FC 7823 ft
on 8/22/2002
Notified NMOCD @ 1730 hrs Csg Shoe 7826 ft
on 8/22/2002

TD 7,829 ft

Cement Date cm'd: 8/15/2002

Tail : 120 sx 50/50/STD/POZ W/2% GEL, 3'
3% CACL2, 1/2 #/SX FLOCELE & 0.2%
CFR-3 MIXED @ 13.5 PPG &
1.32 CUFT/SX

Displacement vol. & fluid.: FW
Bumped Plug at: 1753 HRS
Pressure Plug bumped: 380 PSI
Returns during job: YES
CMT Returns to surface: 8 BBLS.
Floats Held: Yes No
W.O.C. for 16 hrs (plug bump to drlg cm)

Cement Date cm'd: 8/19/2002

Lead : 410 sx Standard Cement W/3%
Econolite, 10 pps Gilsonite & 1/2 pps
Flocele Mixed @ 11.4 ppg
& 2.90 cuft/sx.
Tail : 100 sx 50/50/STD/POZ Cement
w/2% Gel, 2% CaCl2, 5 pps
Gilsonite & 1/4 pps Flocele
Mixed @ 13.5 ppg & 1.33 cuft/sx.

Displacement vol. & fluid.: 144 BBLS, FW
Bumped Plug at: 2313 HRS
Pressure Plug bumped: 1500 PSI
Returns during job: YES
CMT Returns to surface: 100 BBLS
Floats Held: X Yes No
W.O.C. for 18.75 hrs (plug bump to drlg cm)

Cement Date cm'd: 8/24/2002

Lead : 470 SX 50/50/B/POZ
w/3% Gel, .2% CFR-3, .1% HR-5, .8%
Halad-9, 1/4 pps Flocele, 5 pps
Gilsonite @ 13.0 ppg/1.46 cuft/sx

Displacement vol. & fluid.: SEE BELOW
Bumped Plug at: 0028 HRS
Pressure Plug bumped: 2000 PSI
Returns during job: AIR HOLE
CMT Returns to surface: NO
Floats Held: X Yes No

Mud Wt. @ TD AIR ppg

COMMENTS:

Surface: NO FLOAT EQUIPMENT USED, ONLY ALUMINUM BAFFLE PLATE. BLED BUMP PRESSURE TO 120 PSI AND
SHUT WELL IN FOR 3.5 HOURS.

Intermediate: 150% EXCESS F/3300' T/242' & 100% EXCESS F/3657' T/3300'.

Production: DISPLACED W/10 BBLS, FW SPACER & 114.4 BBLS 2% KCL WATER. TOC CALCULATED ON 1070 PSI FPP.
RAN SLICKLINE SURVEY THREE TIMES. EACH TIME, DEPTH RECORDED WAS 7870'. WILL ASSUME PBD: 7824'.

CENTRALIZERS:

Surface: 232' W/STOP RING, 195', 148' & 63'

Intermediate: 3637', 3602', 3581', 3343', 3087', 2834', 2576', 2363', 2282', 2030', 1773', 1515', 1258', 1000', 747', 489', 232' & 188'

Production: NO CENTRALIZERS

Total: 4

Total: 18

Total: 0

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

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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"/> Diff. Resvr. Other _____			5. Lease Serial No. NMSF078500A		
2. Name of Operator CONOCO INC			Contact: DEBORAH MARBERRY E-Mail: deborah.a.marberr@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 19 T28N R7W Mer NMP At surface SWNW 1755FNL 660FWL At top prod interval reported below At total depth			8. Lease Name and Well No. SAN JUAN 28-7 UNIT 199M 9. API Well No. 30-039-26718-00-C1 10. Field and Pool, or Exploratory BASIN DAKOTA 11. Sec., T., R., M., or Block and Survey or Area Sec 19 T28N R7W Mer NMP 12. County or Parish RIO ARRIBA 13. State NM 17. Elevations (DF, KB, RT, GL)* 6746 GL		
14. Date Spudded 08/15/2002		15. Date T.D. Reached 08/23/2002		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/25/2002	
18. Total Depth: MD 7829 TVD		19. Plug Back T.D.: MD 7823 TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL GR MUDLOG				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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	0	242		120		0	
8.750	7.000 J-55	20.0	0	3657		510		0	
6.250	4.500 J-55	11.0	0	7826		470		2390	

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	7734							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	7590	7778	7590 TO 7778		56	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7590 TO 7778	FRAC W/SLICKWATER, 80,000# 20/40 SAND & 3096 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
10/07/2002	09/26/2002	24	→	0.0	396.0	25.0			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	340	700.0	→					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	
			→						

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

ELECTRONIC SUBMISSION #14976 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOCD

ACCEPTED FOR RECORD

OCT 17 2002

FIELD 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.)
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	1086		OJO ALAMO	2412
NACIMIENTO	1086	2426		KIRTLAND	2512
OJO ALAMO	2426	2524		FRUITLAND	2890
				PICTURED CLIFFS	3311
				CHACRA	4251
				CLIFF HOUSE	4924
				MENEFEE	5060
				POINT LOOKOUT	5535
				GALLUP	6788
				GREENHORN	7486
				DAKOTA	7550

32. Additional remarks (include plugging procedure):

This well is a downhole commingled well producing from 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 #14976 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 (03AXG0125SE)

Name (please print) DEBORAH MARBERRYTitle SPECIALIST

Signature _____ (Electronic Submission)

Date 10/11/2002

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

Daily Summary

API/UWI 300392671800	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-28N-7W-19-E	N/S Dist. (ft) 1755.0	N/S Ref. N	E/W Dist. (ft) 660.0	E/W Ref. W
Ground Elevation (ft) 6746.00	Spud Date 8/15/2002	Rig Release Date 8/24/2002	Latitude (DMS) 36° 38' 56.8716" N	Longitude (DMS) 107° 37' 13.8684" W			

Start Date	Ops This Rpt
8/28/2002 00:00	HELD SAFETY MEETING. RU SCHLUMBERGER. PRESSURED UP CSG TO 2000 #. RAN CBL LOG FROM 7800' TO 2190'. TOP OF CEMENT @ 2390'. RAN TDT LOG FROM 7800' TO 1950'. RAN GR/CCL LOG FROM 7800' TO SURFACE. PRESSURED TESTED 4 1/2" CSG TO 4300 #. HELD OK. RD SCHLUMBERGER. (SSM)
9/3/2002 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 7590' - 7614' W/ 1 SPF, 7712' - 7724' W/ 1 SPF, 7750' - 7754' W/ 1 SPF, 7766' - 7778' W/ 1 SPF. A TOTAL OF 56 HOLES. SWION. RD BLUE JET. (SSM)
9/4/2002 00:00	HELD SAFETY MEETING. RU B J SERVICES. FRAC'D THE DAKOTA. TESTED LINES TO 5100 #. SET POP OFF @ 3910 #. BROKE DOWN FORMATION @ 6 BPM @ 2350 #. DROPPED 24 BALL SEALERS IN 1000 GALS OF 15% HCL ACID @ 1 BALL PER BBL AND 2 BALLS PER BBL FOR THE REMAINING 43 BALL SEALERS @ 20 BPM @ 2674 #. A TOTAL OF 67 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3750 #. RU BLUE JET. RIH W/ JUNK BASKET. RETRIEVED 67 BALL SEALERS. PUMPED PRE PAD @ 34 BPM @ 3685 #. STEPPED DOWN RATE TO 25 BPM @ 2711 #. STEPPED DOWN RATE TO 19 BPM @ 2234 #. STEPPED DOWN RATE TO 10 BPM @ 1647 #. ISIP 1310 #. 5 MIN 1141 #. 10 MIN 948 #. 15 MIN 766 #. 20 MIN 640 #. 25 MIN 540 #. 30 MIN 438 #. FRAC'D THE DAKOTA W/ SLICKWATER, 80,000 # 20/40 BRADY SAND & 3096 BBLS FLUID. AVG RATE 57 BPM. AVG PRESSURE 3148 #. MAX PRESSURE 3599 #. MAX SAND CONS 1 # PER GAL. ISIP 1830 #. FRAC GRADIENT .62. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET @ 5700'. TESTED PLUG TO 4300 #. HELD OK. PERFORATED THE CLIFFHOUSE & POINT LOOKOUT. RIH W/ 3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 4974'-4980' W/ 1/2 SPF, 5012'-5018' W/ 1/2 SPF, 5042'- 5054' W/ 1/2 SPF, 5536'-5550' W/ 1/2 SPF, 5592'- 5606' W/1/2 SPF. A TOTAL OF 31 HOLES. SWI. RD B J SERVICES & BLUE JET. (SSM)
9/5/2002 00:00	HELD SAFETY MEETING. RU BJ SERVICES. FRAC'D THE CLIFFHOUSE & POINT LOOKOUT. TESTED LINES TO 5125 #. SET POP-OFF @ 3950 #. BROKE DOWN FORMATION @ 5 BPM @ 2648 #. DROPPED 37 BIO BALLS @ 1 BALL PER BBL @ 25 BPM @ 930 #. A TOTAL OF 37 BIO BALLS. GOOD BALL ACTION. BALLED OFF @ 3800 #. SHUT DOWN FOR 1 HR. WAITED ON BIO BALLS. PUMPED PRE PAD @ 36 BPM @ 2620 #. STEPPED DOWN RATE TO 31 BPM @ 2062 #. STEPPED DOWN RATE TO 25 BPM @ 1490 #. STEPPED DOWN RATE TO 14 BPM @ 422. ISIP 0 #. 5 MIN 0 #. FRAC'D THE CLIFFHOUSE & POINT LOOKOUT W/ 65 Q SLICK WATER FOAM W/ 1 G/MG FR, 167,040 # OF 20/40 BRADY SAND & 5600 # OF FLEXSAND 14/30 MSE IN LAST HALF OF THE 1.5 # SAND, TOTAL SAND PUMPED WAS 172,640 #, 2,357,500 SCF N2 & 1944 BBLS FLUID. AVG RATE 49 BPM. AVG PRESSURE 2232 #. MAX PRESSURE 2659 #. MAX SAND CONS 1.5 # PER GAL. ISIP 1200 #. FRAC GRADIENT .45. SWI. RD BJ SERVICES. (SSM)
9/19/2002 00:00	Road rig to location. Rig up. Spot all equipment. Check well pressure. Csg - 750 psi. Lay lines to blow pit. Start blowing well down. Pressure increased to 850 psi. Well started making sand. GDH SHUT DOWN
9/20/2002 00:00	Check well pressure. Csg - 770 psi. Blow well down. Kill well. ND Frac valve. NUBOP. Test BOP - OK. RIH with 105 jts. of 2 3/8" tubing. GDH SHUT DOWN
9/23/2002 00:00	Check well pressure. Csg - 700 psi. Blow well down. Rig up Blowie Line. RIH with 72 jts. of 2 3/8" tubing. Tagged sand fill @ 5570'. Started air unit and cleaned sand fill to plug @ 5700'. Continue to circulate to clean well up. Pull above the perfs. GDH SHUT DOWN
9/24/2002 00:00	Check well pressure. Csg - 750 psi. Blow well down. RIH to tag for fill. Tagged sand fill @ 5660'. Started air unit and cleaned sand fill to plug @ 5700'. Pulled 2 3/8" tubing up to 4970'. Tested MV thru 1/2" choke nipple. Tested MV as follows. 2 3/8" tubing @ 4970'. Flowed thru 1/2" choke nipple. Tbg - 280 psi. Csg - 550 psi. MCFPD = 1848. Water - 2 BBLS. Oil - 0 BBLS. Test witnessed by Noe Parra with Key Energy. GDH SHUT DOWN
9/25/2002 00:00	Check well pressures. Csg - 700 psi. Blow well down. RIH to tag for sand fill. Tagged @ 5700'. No fill. Started air unit and drilled up composite plug @ 5700'. Continue to RIH with 2 3/8" tubing with mill. Tagged sand fill @ 7740'. Started air unit and cleaned sand fill to 7797'. Circulated to clean up Dakota. Pulled above the perfs. GDH SHUT DOWN
9/26/2002 00:00	Check well pressures. Csg - 750 psi. Blow well down. Pick up 6 jts. and tagged sand fill @ 7798'. Pick up power swivel and start air unit. Cleaned sand fill to PBTD @ 7823'. Lay down power swivel and POOH with 8 jts. Test Dakota formation as follows. 2 3/8" tubing @ 7575'. Flow well thru 1/2" choke nipple. TBG - 340 psi. CSG - 700 psi. MCFPD = 396 OIL = 0 BBLS WATER = 25 BBLS. Test witnessed by Noe Parra with Key Energy. NOTE: Dakota test was combined flow rate DK/MV and deduct the MV test. POOH with 2 3/8" tubing with mill. RIH with Mule Shoe Collar, SN and 244 jts of 2 3/8" tubing. GDH SHUT DOWN
9/27/2002 00:00	Check well pressure. Csg - 750 psi. Blow well down. Landed well with 244 jts. of 2 3/8" tubing @ 7734' with Mule Shoe Collar and SN on the bottom. Drift all tubing. OK. NDBOP and NUWH. Rig down blowie line. Rig down all equipment. Move off location. GDH FINAL REPORT