

DISTRICT I
P.O.Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107
Revised 4-1-91

DISTRICT II
P.O.Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
P.O.Box 2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

Santa Fe, New Mexico 87504-2088

Filing Instructions
Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

NORTHWEST PIPELINE CORPORATION P.O. BOX 58900 SALT LAKE CITY, UTAH 84158-0900

Operator		Address			
ROSA UNIT	#88A	L	08	31	06
Lease	Well No.	Unit Ltr.	Sec	Twp	Rge
		SAN JUAN			
		County			

All applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Immediate Zone	Lower Zone
a. Name of Pool and Formation	ROSA PICTURED CLIFFS		BLANCO MESAVERDE
b. Top and Bottom of Pay Section (Perforations)	3180' - 3304'		5374' - 5894'
c. Type of Production (Oil or Gas)	GAS		GAS
d. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
e. Daily Production ☐ Actual ☒ Estimated Oil Bbls. Gas MCF Water Bbls.	PITOT 869 MCF/D	RECEIVED OCT 26 1994 OIL CON. DIV. DIST. 3	PITOT 2,863 MCF/D

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

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

Signature *Mark McCallister*

Printed Name & Title **MARK MCCALLISTER SR. ENGINEER**

Date **10/25/94** Telephone **(801)584-7103**

OIL CONSERVATION DIVISION

Approved by: Original Signed by FRANK T. CHAVEZ

Title: SUPERVISOR DISTRICT # 3

Date: OCT 26 1994

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- District Approval — See rule 112-A-B — Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval — See Rule 112-C — Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

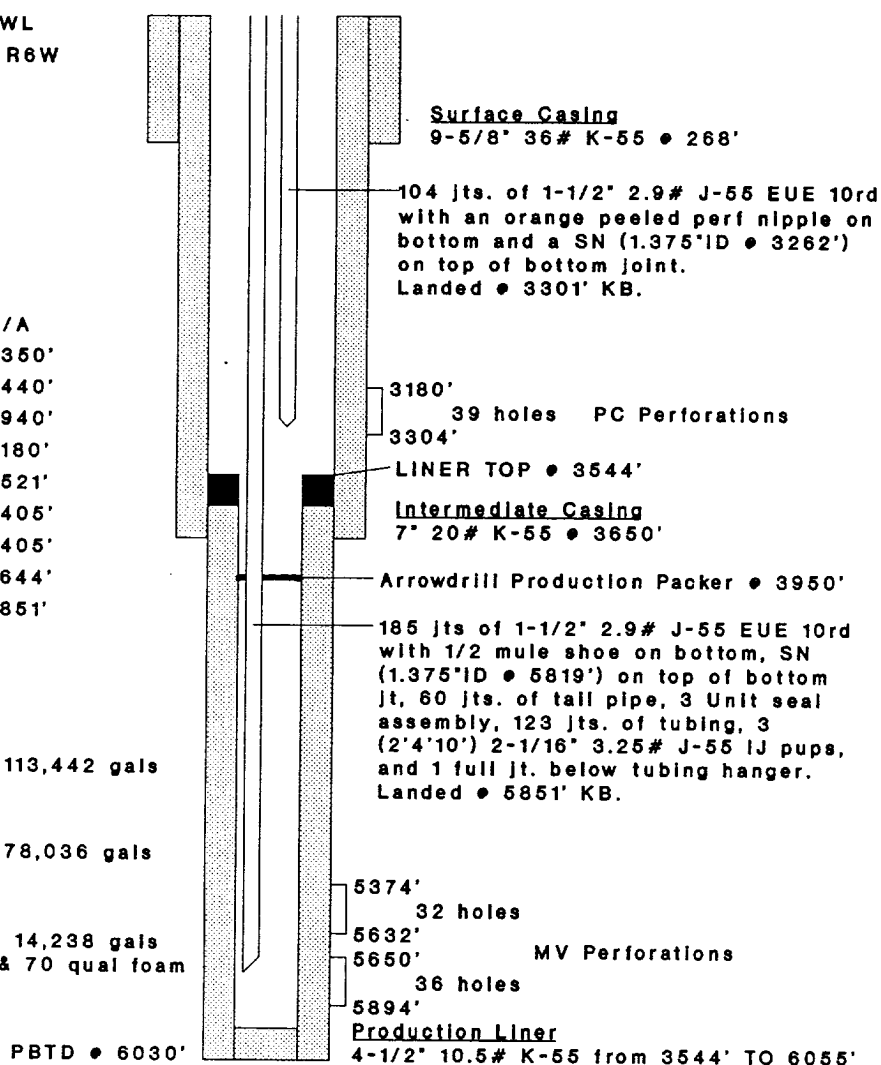
WELLBORE DIAGRAM ROSA UNIT #88A PC/MV

LOCATION: 1551'FSL, 790'FWL
NW/4 SW/4 SEC. 8, T31N, R6W
SAN JUAN, Co., NM
ELEVATION: 6382' GR
KB: 12'

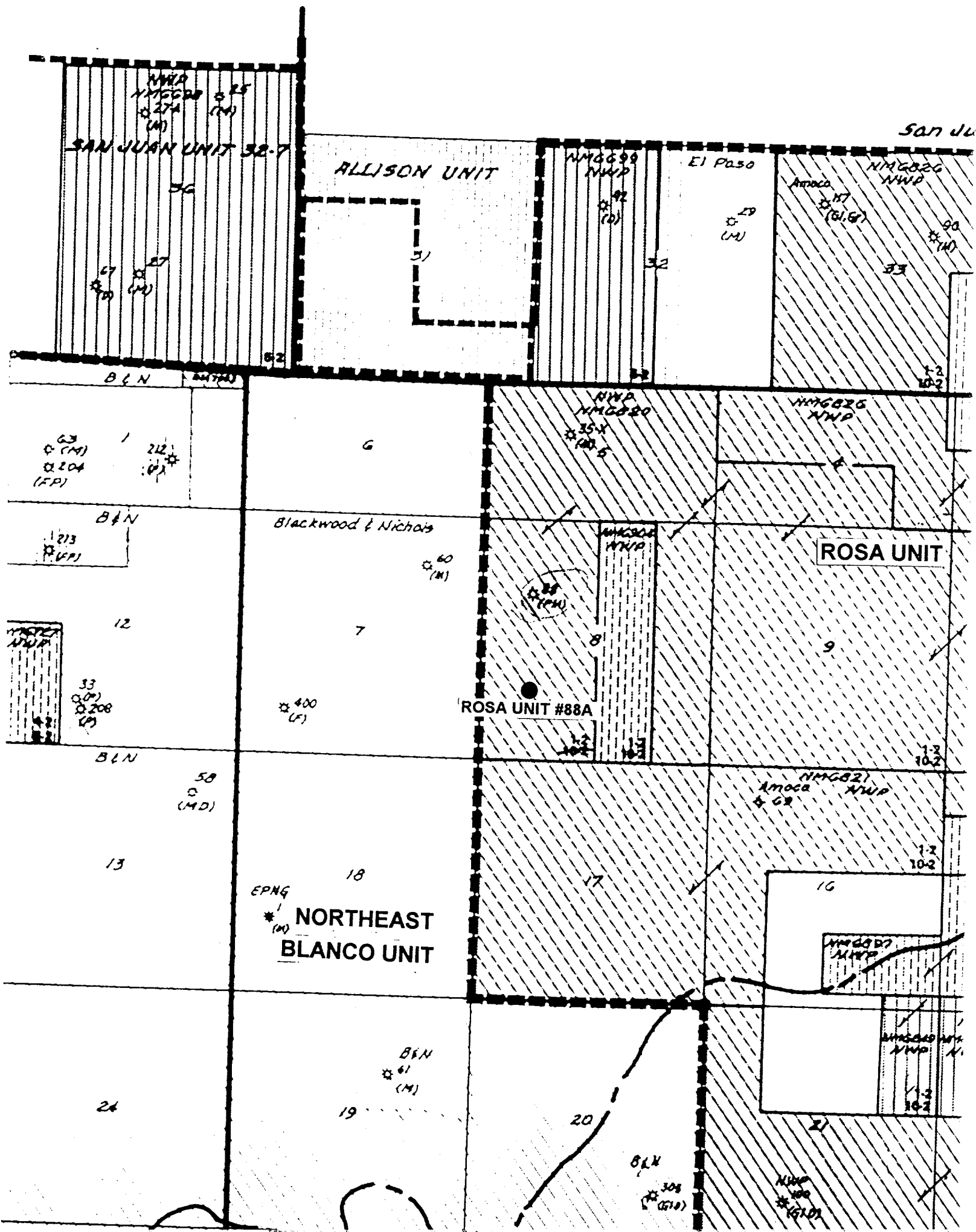
TOPS:
NACIMIENTO N/A
OJO ALAMO 2350'
KIRTLAND 2440'
FRUITLAND 2940'
PICTURED CLIFFS 3180'
LEWIS 3521'
CLIFF HOUSE 5405'
MENELEE 5405'
POINT LOOKOUT 5644'
MANCOS 5851'

STIMULATION

MV 5650' to 5894'
79,100# of 20/40 sand in 113,442 gals of slick water.
MV 5374' to 5632'
63,100# of 20/40 sand in 78,036 gals of slick water.
PC 3180' to 3304'
110,000# of 20/40 sand in 14,238 gals of 30# Borate X-Link gel & 70 qual foam



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
12-1/4"	9-5/8" 36#	135 SX	158 CU.FT.	SURFACE
8-3/4"	7" 20#	580 SX	1107 CU.FT.	SURFACE
6-1/4"	4-1/2" 10.5#	240 SX	415 CU.FT.	LINER TOP



**OFFSET OPERATORS
ROSA UNIT #88A
L-8-31N-6W**

1. LEASE: ALLISON UNIT

Operator: Meridian Oil Inc, P. O. Box 4289, Farmington, NM 87499-4289

2. LEASE: NORTHEAST BLANCO UNIT

Operator: Blackwood and Nichols, P.O. Box 1237, Durango, CO, 81302

3. LEASE: ROSA UNIT

Operator: Northwest Pipeline Corp, MS-2M3, P.O. Box 58900, Salt Lake City, UT, 84158-0900

SIMULTANEOUS COMPENSATED NEUTRON- FORMATION DENSITY

NY Northwest Pipeline Corporation

Rosa Unit No. 88A

Wildcat: Rosa PC/Blanco MV

San Juan STATE New Mexico

8 & 790FWL

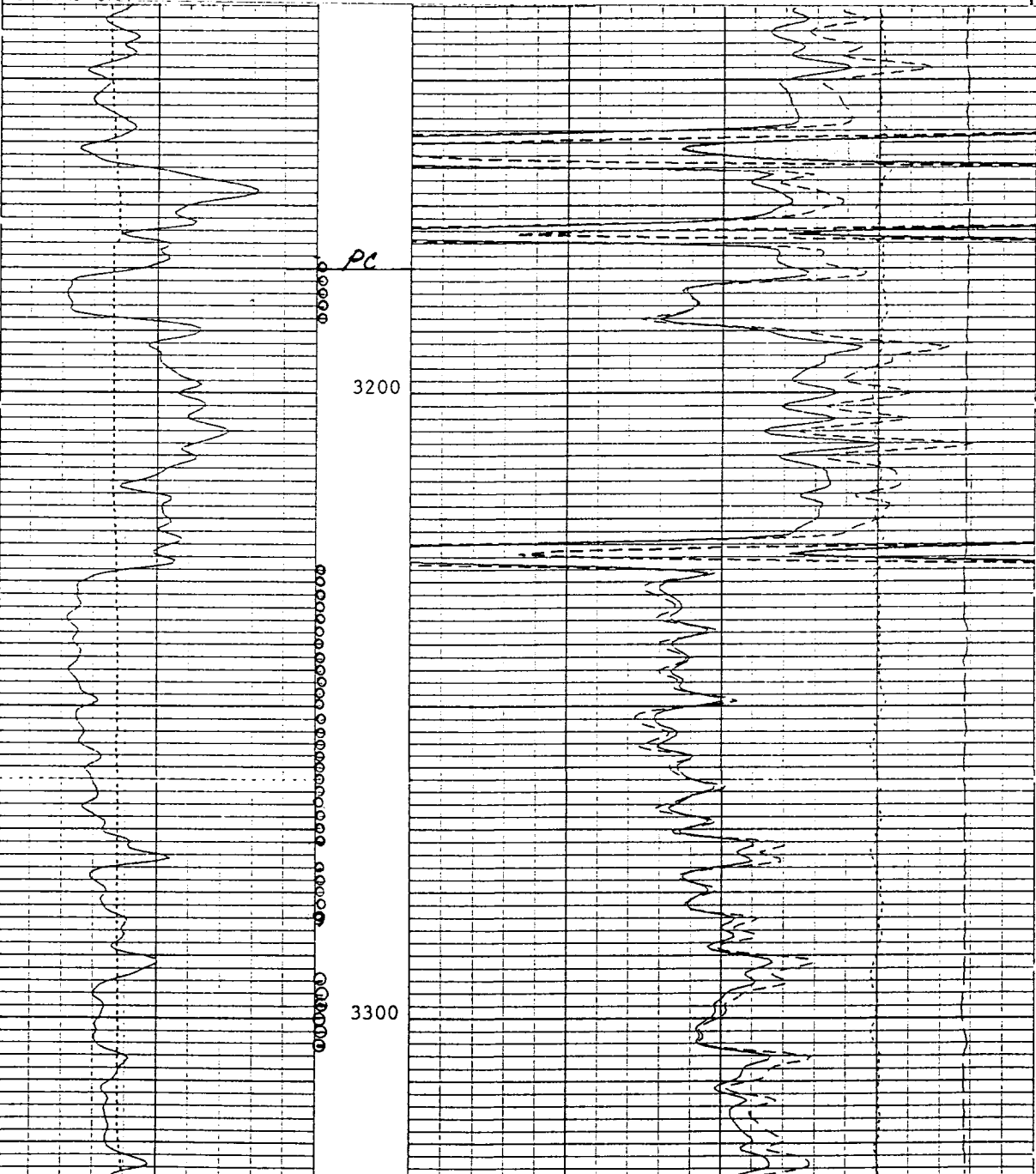
Other Services:
DIL/LDT
CNL/GR

L NO.	SECT.	TWP.	RANGE	
8	31 N	6W		
und Level	Elev.	6382.0 F		Elev.: K.B.6394.0 F
y Bushing	120 F	above Perm. Datum		D.F. 6393.0 F
y Bushing				G.L. 6382.0 F
1994				

1	60 267.0 F	60	60
60 3650.0 F	60	60	60

3/G	65.0 S		
HMM	60 81.0 DEGF	60	
HMM	60 81.0 DEGF	60	
HMM	60 81.0 DEGF	60	
HMM	CALC		
HMM	60 130. DEGF	60	
1994 60 09.00			
1994 60 12.11			
GF	Farmington		
37			

The well name, location and borehole reference data were furnished by the customer.



SIMULTANEOUS COMPENSATED NEUTRON- FORMATION DENSITY

COMPANY Northwest Pipeline Corporation

Rosa Unit No. 88A

Wildcat: Rosa P.C./Blanco MV

CITY San Juan STATE New Mexico

FSL & 790FWL

Other Services:
DIL/LDT
CNL/GR

WELL NO.	SECT.	TWP.	RANGE
8	31N	6W	

Ground Level	Elev.	6382.0 F	Elev.: K.B. 6394.0 F
Kelly Bushing	12.0 F	above Perm. Datum	D.F. 6393.0 F
Kelly Bushing			G.L. 6382.0 F

UG-1994

3.0 F			
7.0 F			
10 F			
20 F			
5 IN @ 267.0 F	7 IN	@ 3650.0 F	(q)
0 F	3656.0 F		
IN @ 3650.0 F	6.25 IN	@ 6055.0 F	(q)

UG-1994 @ 05:00			
UG-1994 @ 09:33			
DEGF			
140. DEGF			(q)
Farmington			
richer			

The well name, location and borehole reference data were furnished by the customer.

