

E-mail address

ROSA UNIT #66M MESAVERDE/DAKOTA

Location:

SE/4 NW/4 Sec 13, T31N R6W
2565' FNL and 2350' FWL
MV Bottom Hole: 1537' FNL and 1895' FWL
DK Bottom Hole: 1055' FNL and 1640' FWL
Rio Arriba, New Mexico
Elevation: 6346' GR

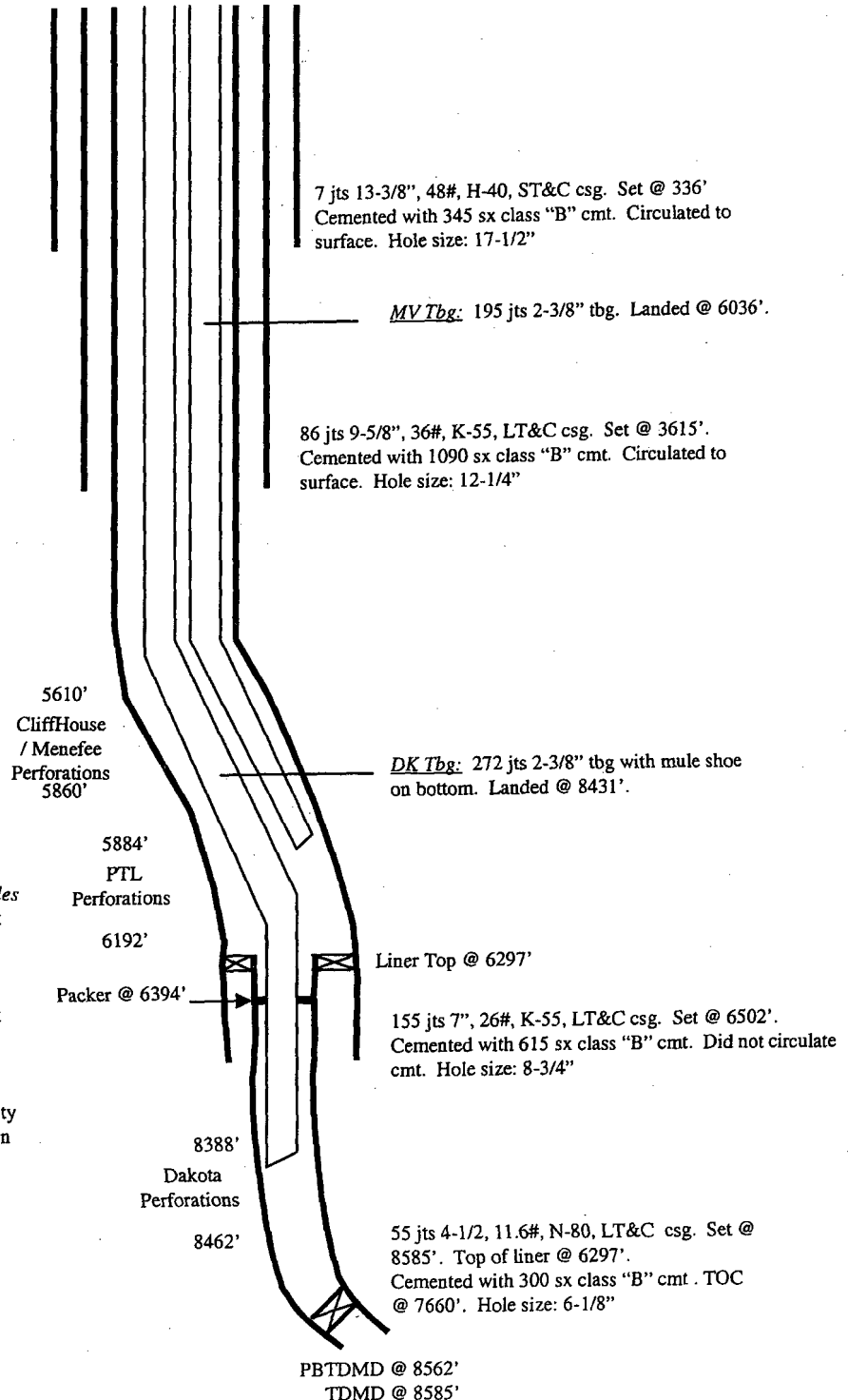
Top	Measured Depth	TVD
Ojo Alamo	2439'	2439'
Fruitland	2981'	2981'
Pictured Cliffs	3201'	3201'
Lewis	3488'	3488'
Cliff House	5290'	5160'
Menefee	5703'	5540'
Point Lookout	5967'	5660'
Mancos	6424'	6100'
Greenhorn	8163'	7740'
Dakota	8360'	7900'

Stimulation

Cliff House/Menefee: 5610' - 5860'. 32 (0.37") holes
Fraced with 80,000# 20/40 sand in 2149 BBIs slick water.

Point Lookout: 5884' - 6192'. 37 holes
Fraced with 80,000# 20/40 sand in 2028 BBIs slick water.

Dakota: 8388' - 8462'. 19 (0.36") holes
Fraced with 37,000# 20/40 Ottawa sand in 50 quality foam. Re-fraced with 90,000# 20/40 Ottawa sand in 30# Borate cross-linked gel.





2030 AFTON PLACE
FARMINGTON, N.M. 87401
(505) 325-6622

ANALYSIS NO. WP250002
CUST. NO. 85500 - 10170

WELL/LEASE INFORMATION

CUSTOMER NAME	WILLIAMS PRODUCTION	SOURCE	INTERMEDIATE CASING
WELL NAME	ROSA UNIT 66M	PRESSURE	85 PSIG
COUNTY/ STATE	RIO ARRIBA NM	SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	
FIELD		DATE SAMPLED	3/24/2005
FORMATION		SAMPLED BY	PETE TROSKY
CUST.STN.NO.		FOREMAN/ENGR.	

REMARKS

ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.164	0.0000	0.00	0.0016
CO2	0.004	0.0000	0.00	0.0001
METHANE	89.998	0.0000	911.05	0.4986
ETHANE	7.045	1.8831	124.98	0.0731
PROPANE	1.689	0.4650	42.60	0.0257
I-BUTANE	0.278	0.0909	9.06	0.0056
N-BUTANE	0.350	0.1103	11.44	0.0070
I-PENTANE	0.166	0.0607	6.66	0.0041
N-PENTANE	0.076	0.0275	3.05	0.0019
HEXANE PLUS	0.230	0.1012	11.82	0.0074
TOTAL	100.000	2.7388	1,120.64	0.6251

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR	(1/Z)	1.0026
BTU/CU.FT (DRY) CORRECTED FOR	(1/Z)	1,123.7
BTU/CU.FT (WET) CORRECTED FOR	(1/Z)	1,105.0
REAL SPECIFIC GRAVITY		0.6267

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,117.6
DRY BTU @ 14.696	1,121.1
DRY BTU @ 14.730	1,123.7
DRY BTU @ 15.025	1,146.2

CYLINDER #	2940
CYLINDER PRESSURE	63 PSIG
DATE RUN	3/28/2005
ANALYSIS RUN BY	ROSEANN MUNIZ