

WELL PROGNOSIS

OPERATOR: Read & Stevens, Inc.

WELL: #2 Rose

FIELD & DEPTH: Buffalo Valley Penn. - Atoka - 9200'

LOCATION: 1650' FSL & 990' FWL Sec. 18, T-15-S, R-28-E, Chaves Co., NM

CONTRACTOR: MGF Drilling Company

ELEVATION: 3610.2' GR - 3622 RKB

ESTIMATED FORMATION TOPS

T/Queen	1087' (+2535)
T/San Andres	1812' (+1810)
T/Glorieta	2832' (+ 790)
T/Tubb	4532' (- 910)
T/Abo	5322' (-1700)
T/Hueco	6462' (-2840)
T/Cisco	7252' (-3630)
T/Canyon	7597' (-3975)
T/Strawn	8142' (-4520)
T/Atoka	8492' (-4870)
T/Chester	8932' (-5310)
T/Mississippian Lime	9072' (-5450)

CASING PROGRAM

Hole Size	Casing Size	Wt. Per Foot	Setting Depth	Cement
17 1/2"	12 3/4"	34# Foster	350'	300 sx. - Circ.
11"	8 5/8"	24# J-55	1850'	200 sx.
7 7/8"	5 1/2"	15.5#, 17#, J-55	9200'	250 sx.

MUD PROGRAM

0' - 350'	Spud mud with Magcobar gel and lime. If seepage is noted, add lost circulation material. If circulation is lost, dry drill to 350' and set surface casing.
350' - 1,850'	Fresh water and native mud. Mud wt. 8.4#, Vis. 30-32, WL no control.
1,850' - 5,200'	Fresh water and native mud. Mud wt. 8.4#, Vis. 30-32, WL no control.
5,200' - 8,000'	Magcogel and oil type drilling fluid. Mud wt. 8.5# - 8.8#, Vis. 30-32, 3% - 4% oil, WL no control.
8,000' - 9,200'	Fresh water, low solids spersene mud system with Magcogel and Magco CMC. Mud wt. 9.0# - 9.5#, Vis. 40-45, WL 10 or below, Ph. 9 - 9.5. Circulate portion of reserve pit when mudding up at 8,000'.