

WELL PROGNOSIS

OPERATOR: Read & Stevens, Inc.

WELL: #3 Lula

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

LOCATION: 1650' FSL & 990' FEL Sec. 7, T-15-S, R-28-E, Chaves Co., N. M.

CONTRACTOR: WEK Drilling Company, Rig #2

ELEVATION: 3528.2' GR, 3540' RKB

ESTIMATED FORMATION TOPS

T/San Andres	1685'	(- 1855)
T/Tubb	4465'	(- 925)
A/Abo	5260'	(- 1720)
T/Wolfcamp Lime	6385'	(- 2845)
T/Cisco	7145'	(- 3605)
C/Canyon	7470'	(- 3930)
T/Strawn	8015'	(- 4475)
T/Atoka	8435'	(- 4895)
T/Mississippian Lime	8740'	(- 5200)

CASING PROGRAM

Hole Size	Casing Size	Wt. Per Foot	Setting Depth	Cement
17 1/2"	12 3/4"	34# Foster	375'	400 sx. -Circ.
11"	8 5/8"	24# J-55	1700'	200 sx.
7 7/8"	5 1/2"	15.5#, 17#&20# J-55 & N-80	9200'	250 sx.

MUD PROGRAM

0' - 5200'	Clear water and native mud unless lost circulation is encountered on surface hole. If circulation is lost then dry drill to 375' and run surface casing. Then use clear water and native mud from 375' to 5200' or Top of Abo.
5200'-8000'	Fresh water mud system. Mud wt. 8.5#-9.0#, Vis. 34-36, WL 100, 3%-4% oil.
8000'-8900'	Chemical mud system. Mud wt. 9.0#-9.5#, Vis. 36-46, WL 10.

LOGGING PROGRAM

Run Schlumberger Simultaneous Gamma Ray-Caliper, Compensated Neutron Formation Density as porosity tool with Dual Induction Laterolog as Resistivity tool. Detail from base of 8 5/8" to total depth.

DRILLING PROGRAM

1. Drill 17 1/2" hole to 375' and set 12 3/4", 34#, Foster Type, S. T. & C. surface casing. Cement with 200 sx. Class "C" w/2% CaCl₂, 1/4# Floseal & 5# gilsonite per sx., followed with 200 sx. Class "C" with 2% CaCl₂. Cement will be circulated.

2. Drill 11" hole from 375' to 1700', or to top of San Andres. Set 1700' of 8 5/8", 24# J-55, S. T. & C. casing cemented with 200 sx. Class "H" cement with 2% CaCl₂.