WELL PROGNOSIS

OPERATOR: Read & Stevens, Inc.
WELL: #1 Allirish
FIELD & DEPTH: Cemetery Morrow - 9800'
LOCATION: 660' FSL & 990' FEL Sec. 30, T-20-S, R-25-E, Eddy Co., N.M.
CONTRACTOR: Warton Drilling Company
ELEVATION: 3586.1 GR

ESTIMATED FORMATION TOPS

T/San Andres	830'	(+2692)
T/Glorieta	2480'	(+1042)
T/Yeso	2590'	(+ 932)
T/Bone Spring	3350'	(+ 172)
T/Third Bone Spring Sand	6250'	(-2728)
T/Wolfcamp	6480'	(-2958)
T/Canyon	8160'	(-4638)
T/Strawn	8600'	(-5078)
T/Atoka	9040'	(-5518)
T/Morrow	9450'	(-5928)
T/Barnett Shale	9780'	(-6258)

CASING PROGRAM

Hole Size	Casing Size	Wt. Per Foot	Setting Depth	Cement
17 1/2"	13 3/8"	48# H-40	200'	300 sx.-Circ.
12 1/4"	8 5/8"	24# & 36# J-55	3250'	1200 sx.-Circ.
7 3/4"	5 1/2"	17# & 20# J-55 & N-80	9800'	400 sx.

MUD PROGRAM

0'-6000'	Clear water and native mud unless lost circulation is encountered in Glorieta and/or Yeso then mix one pit extra heavy mud with lost circulation material. If circulation is not regained with one pit of mud, dry drill to 3250', then use clear water and native mud from 3250'-6000'.
6000'-9000'	Fresh water with 250 sx. Potassium Chloride to maintain a 4% KCl mud system. Mud wt. 8.5#, Vis. 32, WL N.C.
9000'-9800'	Drispack and Flosal system. Mud wt. 8.9#, Vis. 34-36, WL 10 or below.

LOGGING PROGRAM

Run Schlumberger Simultaneous Gamma Ray-Caliper, Compensated Neutron Formation Density as porosity tool with Dual Laterolog as resistivity tool. Detail from 3250' to total depth.

DRILLING PROGRAM

1. Drill 17 1/2" hole to 200' and set 13 3/8", 48#, H-40, S.T. & C. conductor casing. Cement with 300 sacks Class "C" with 2% $CaCl_2$ and 1/4# Floseal and 5# Gilsonite per sack. Cement will be circulated using 1" tubg. to get cement to surface, if necessary.