

ARCO Oil and Gas Company

Drilling Prognosis - Page

Well Name: Langley Greer # 2 Date: 9/02/81

Authorization Numbers: Drill & Complete: Evaluate: Equip:

District or Province: Central - Drilling - South

Location: SHL: 990'S and 330'E of the NW Corner, Section 21/T22S/R36E, Lea, New Mexico

OBJ1: 990'S and 330'E of the NW Corner, Section 21/T22S/R36E, Lea, New Mexico

Objectives: OBJ#1: Strawn @ 8950' TVD

Total Vertical Depth: 9800' Total Measured Depth: 9800'

Elevation: 3550' Est. RKB: 18'

FORMATION NAME	TVD	TMD	FORMATION NAME	TVD	TMD
Yates	3200	3200			
San Andres	4450	4450			
Abo	7850	7850			
Strawn	8950	8950			

Conductor: Well design

Surface Casing: 13.375" 48 lbs/ft K-55 STC 0' to 400' 17.5" Hole

Protective Casing and Liners: 8.625" 28 lbs/ft S-80 STC 0' to 4000' 12.25" Hole

Production Casing: 5.5" 17 lbs/ft K-55 LTC 3800' to 9800' 7.875" Hole

Wellhead Equipment: 13-3/8" SOW X 13-5/8" 3000 13-5/8" X 11" 3000 PSI

11" X 7-1/16" 3000 PSI; PUMPING WELL HEAD

Mud Program:

0'-400': SPUD (8.8-9.0 ppg) 4000'-8900': Fresh Water
400'-4000': BW NATIVE (10.0-10.5 ppg) 8900'-9800': LSND (8.8-9.0 ppg)

Open Hole Logging Program:

4000'-9800': GR/DLL/MSFL | GR/CNL/LDT/CAL |