

Drilling Prognosis



Well name **LANGLEY BOREN # 3** Date **1-15-90**
Authorization numbers

District or province
Central District - South Area

Location
660' FNL & 1650' FEL Section 20-T22S-R36E
LEA COUNTY, NEW MEXICO

Objectives
STRAWN @ 8970'

Total vertical depth **9800'** Total measured depth **9800'**

Elevation
GL & KB elevation reported on first drilling report

Estimated formation tops
YATES @ 3250'
SAN ANDRES @ 4500'
ABO @ 7850'
STRAWN @ 8970'

Well design
Conductor

Surface Casing
17-1/2" 0-400' 13-3/8", 48#, H-40, ST&C TPNGS, FC, 4 cents
hole Cement to surface

Protective casings and liners
12-1/4" 400'-4000' 8-5/8", 28#, S-80, ST&C CEMENT TO SURFACE
Hole

Production casing **7-7/8" hole 4000'-9800' 5-1/2', 17#, L-80, LT&C 0-1800'**
5-1/2', 17#, K-55, LT&C 1800'-9400'
5-1/2'. 17#, L-80, LT&C 9400'-9800'

Production liner

Casinghead
13-3/8" SOW X 13-5/8" 3M 11" 3M X 7-1/16" 3M tubing head w/ KTH
13-5/8" 3M X 11" 3M Spool

Mud program **0-400' FW spud mud 8900'-TD CBW w/ WL 5-10 Chlorides 30-40 K**
400'-4000' SBW
4000'-8900' FW gelled sweeps for LC

Logging program
GR-CNL-LDT-CAL 9800'-4000'
GR-DLL-MSFL 9800'-4000'