

GEOLOGICAL PROGNOSIS

Original Date: January 11, 2018

Well Name: ANGUS STATE 24-35 16 #601H

API #: 30 025 - -

Field: WILDCAT UPPER WOLFCAMP

Prospect: BIG HAT

Location: SHL: 300 FNL 660 FWL, SEC 16 T24S R35E
BHL: 330 FSL 990 FWL, SEC 16 T24S R35E
LEA CO, NEW MEXICO

Lat/Long: LAT = 32.2238355
LONG = -103.3783836

Elevation:

GL(ft): 3382

KB(ft):

<u>FORMATION</u>	<u>DEPTH (TVD)(ft)</u>	<u>SUBSEA(ft)</u>	<u>TYPE LOG (AZTEC-STATE 1)</u>
Rustler	775		820
base Salt	5060		5068
1st Intermediate Casing	5210		
Top Delaware Group	5265		5242
Bell Canyon	5300		5254
Cherry Canyon	6245		6248
Brushy Canyon	7720		7715
Bone Spring	8930		8968
1st Bone Spring	9225		9218
1st Bone Spring Sand	10120		10099
2nd Bone Spring	10250		10257
2nd Bone Spring Sand	10650		10679
3rd Bone Spring	11225		11253
3rd Bone Spring Sand	11680		11715
KOP			
2nd Intermediate Casing	IN CURVE		
Wolfcamp Formation	12050		12083
Wolfcamp A Shale	12150		12183
APPROX. TARGET ZONE (A SHALE +30)	12180		12212
Wolfcamp B	12500		12535
ESTIMATED TD	17330		

Primary Objective(s): WOLFCAMP A SHALE

Mud Logger: TBD (beginning at 1st Intermediate Casing)

Electric Logging Program: SCHLUMBERGER
INTERMEDIATE: TRIPLE COMBO (from curve to 1st intermediate)
TD:

MWD Logging Program: GR from KOP

Coring Program: NO CORES PLANNED

Correlation Logs: 30025300620000 ENRON CINTA ROJA '17' FEC 1
30025244120000 TEXAS INT'L PETR CORP AZTEC-STATE 1 (TYPE LOG)
30025260800000 COG CINTA ROJA '10' 1

Remarks: SINGLE SECTION LATERAL

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