

GEOLOGICAL PROGNOSIS

Date: February 14, 2017

Well Name: BRAHMAN STATE 24-35 15 #601

API #: 30 025 - -

Field: TBD

Prospect: BIG HAT

Location: SHL 260 FNL 330 FWL
BHL 330 FSL 330 FWL
LEA CO, NEW MEXICO

Lat/Long: LAT=
LONG= -

Elevation:

GL(ft):

KB(ft):

<u>FORMATION</u>	<u>DEPTH (TVD)(ft)</u>	<u>SUBSEA(ft)</u>	<u>TYPE LOG (AZTEC-STATE 1)</u>
Rustler	775		818
base Salt	5050		5068
1st Intermediate Casing	5210		
Top Delaware Group	5265		5268
Bell Canyon	5300		5285
Cherry Canyon	6590		
Brushy Canyon	7835		7715
Bone Spring	9050		8968
1st Bone Spring	9310		9218
1st Bone Spring Sand	10150		10053
2nd Bone Spring	10420		10257
2nd Bone Spring Sand	10900		10681
3rd Bone Spring	11340		11253
3rd Bone Spring Sand	11800		11728
KOP			
2nd Intermediate Casing	IN CURVE		
Wolfcamp Formation	12220		12084
Wolfcamp A Shale	12350		12183
APPROX. TARGET ZONE (A SHALE +30)	12380		
Wolfcamp B	12600		12469

ESTIMATED TD

Primary Objective(s): WOLFCAMP A SHALE

43721