

GEOLOGICAL PROGNOSIS

Date: January 11, 2018

Well Name: ANGUS STATE 24-35 16 #452H

API #: 30 025 - -

Field: WILDCAT BONE SPRING

Prospect: BIG HAT

Location: SHL: 300 FNL 1930 FWL, SEC 16 T24S R35E
BHL: 330 FSL 1650 FWL, SEC 16 T24S R35E
LEA CO, NEW MEXICO

Surface Lat/Long: LAT = 32.2238362
LONG = -103.3742771

Elevation:

GL(ft): 3389

KB(ft):

HOBBS OCD
JAN 18 2018
RECEIVED

FORMATION	DEPTH (TVD)(ft)	SUBSEA(ft)	TYPE LOG (AZTEC-STATE 1)
Rustler	750		820
base Salt	5080		5068
1st Intermediate Casing	5170		
Top Delaware Group	5220		5242
Bell Canyon	5300		5254
Cherry Canyon	6245		6248
Brushy Canyon	7720		7715
Bone Spring	8920		8968
1st Bone Spring	9175		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		
APPROX. TARGET ZONE (3BS Sand +300)	11980		12030
Wolfcamp Formation	12050		12083
Wolfcamp A Shale	12150		12183
Wolfcamp B	12500		12535
ESTIMATED TD	17130		

Primary Objective(s): 3RD BONE SPRING SAND

Mud Logger: TBD (KOP)

Electric Logging Program: NO LOGS PLANNED
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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