

Judah Oil, LLC

Shinnery Oak SWD #3

API #30-015-Pending

Lot 13, Section 2, T-21-S, R-28-E Eddy County, New Mexico

Proposed New Drill

All Depths KB

KB 3344'

GL 3322'

Estimated Formation Tops

Anhy 627	Morrow 11648
Yates 1280	Mississippian 12320
7 Rivers 1390	Woodford 13252
Delaware 3110	Devonian 13360
Bone Spring 6270	Fusselman 13645
Wolfcamp 9668	Montoya 14320
Penn 10502	
Strawn 10818	

26" Hole 20" csg

94# J-55 Butress R-3
Set @280'

Cemented to surface

17-1/2" Hole 13-3/8" csg

61# J-55 Butress R-3 Set @0-2600'

68# J-55 Butress R-3 Set @2600-3300'
Cemented to surface

#1 DV/ECP Tool
Set @5700'

12-1/4" Hole 9-5/8" csg

43.5# HCL-80 LT&C R-3 Surface-7725'

47# HCL-80 LT&C R-3 7725'-9720'

Cemented to Surface w/30% excess

0-9100' 5-1/2" HPC-110 20#
w/Butress R-3 Duo-Lined Tbg

5-1/2" Butress -ULTFJ X/O @ 9100'

9100'-13360' 5-1/2" HCP-110 20#
ULTFJ (True Flush Joint)
Duo-Lined Tbg

TOL @ 9420'

7-5/8" X 5-1/2" Inconel
AS-1 Packer Set @ 13,360'

9-1/2" Hole (via bent motor witch) 7-5/8" csg

39# Q-125 S LT TFJ Set @ 9420'-13280',

39# CR13-85 SLT Seamless Chrome TFJ
Set @ 13280'-13400' (min 40' below Dev top)
Cemented to 9420' (TOL) w/30% excess

5-1/2" P-110 Tbg Pup Joint
41' Seamless Chrome

6-1/2" Open Hole

13,400' to 14,420' (or top 100' of the
Montoya Formation)