

API / UWI 3004508470	Surface Legal Location 007-029N-011W-N	Field Name DK	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 5,660.00	Original KB/RT Elevation (ft) 5,673.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

### Vertical - Original Hole, 1/23/2017 10:10:42 AM

MD (ftKB)	Formation Top	Vertical schematic (actual)
13.1		
203.1		
204.1		1; SURFACE CASING; 8 5/8 in; 8.097 in; 13.0 ftKB; 204.0 ftKB
484.9	OJO AL...	
638.1	KIRTLAND	
979.0	FARMIN...	
1,240.2	FRUITLA...	
1,713.9		
1,815.0	PICTUR...	
2,102.0		
2,103.0		DV Tool @ 2103'
2,838.9	CHACRA	Tubing; 2 3/8 in; 4.70 lb/ft; J-55; Assume 4.7#. SN & 1/2 muleshoe on bottom, SN bore unknown; 13.0 ftKB; 6,341.0 ftKB
3,490.2	CLIFF H...	
3,509.8	MENEFEE	
4,157.2	POINT L...	
4,546.9	MANCOS	
5,376.0	GALLUP	
5,620.1		
5,662.1		
5,964.9		
6,170.9	GREEN...	
6,232.0	GRANE...	
6,277.9	DAKOTA	
6,279.9		SN; 2 3/8 in; 6,341.0 ftKB; 6,342.0 ftKB
6,340.9		MULES SHOE; 2 3/8 in; 6,342.0 ftKB; 6,343.0 ftKB
6,341.9		Perforated; 6,280.0-6,504.0; 1/11/1961
6,342.8		Hydraulic Fracture; 1/12/1961; 57,000 G w/ 57,000# sand
6,419.9		PBTD; 6,420.0
6,503.9		Fill; 6,420.0-6,514.0; Attempt to bail 1/97, recovered metal & rubber in bailer.
6,514.1		
6,546.9		
6,547.9		2; PRODUCTION CASING; 4 1/2 in; 4.000 in; 13.0 ftKB; Possible combination string w/ 9.5#, 4.09" ID; 6,548.0 ftKB
6,549.9		

Surface Casing Cement; 13.0-204.0; 10/26/1960; Cmt 140 sx Neat, good cmt to surf.

Production Casing Cement; 1,714.0-2,103.0; 11/15/1960; Cmt 2nd stage w/ 100 sx. TOC est. @ 1714' per 75% eff. calc.

Cement Squeeze; 5,620.0-5,662.0; 6/30/1993; Pump a lead of 50 sx Class G, tail in 50 sx Class B Neat, PT casing, leaked off. Pump Lead of 25 sx Class B, tail w/ 75 sx Class B Neat. Sqz leak between 5620-62.

Production Casing Cement; 5,965.0-6,550.0; 11/15/1960; Cmt 1st Stage w/ 150 sx neat. TOC est. @ 5965' per 75% eff. calc.

Auto cement plug; 6,420.0-6,550.0; 11/15/1960; Automatically created cement plug from the casing cement because it had a tagged depth.