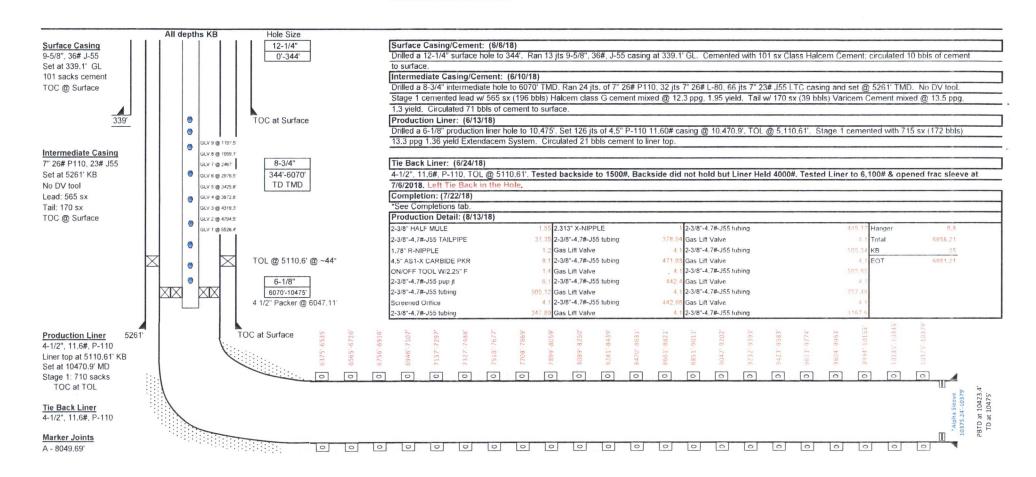


Well Name:

Location: County: API#: Co-ordinates: Operator: Heros 2308 09L Com 5H Sec 9, T23N, R8W, 1476' FSL & 330' FWL San Juan 30-045-35877 36.238493° N, 107.694535° W Logos Operating, LLC

**Wellbore Schematic** Ground Elevation: 6938 KB Elevation: TVD: 5257 MD: 10475 PBTD: 10423 Target Zone TVD: 5255 Length of Lateral: 4817

Date Prepared: 6/11/2018 Last Updated: 8/14/2018 RS Spud Date: 6/6/2018 Completion Date: 7/17/2018 Last Workover Date: 8/13/2018





Formation Tops			
Ojo Alamo-	945'	Point Lookout-	3977'
Kirtland-	1021'	Mancos-	4150'
Fruitland-	1201'	Gallup-	4150
Pictured Cliffs-	1536'	Lower Gallup-	5318'
Chacra-	1951'		

NOTES:

\*Alpha Sleeve 4-1/2" casing @ 10,375,24'-10,379'