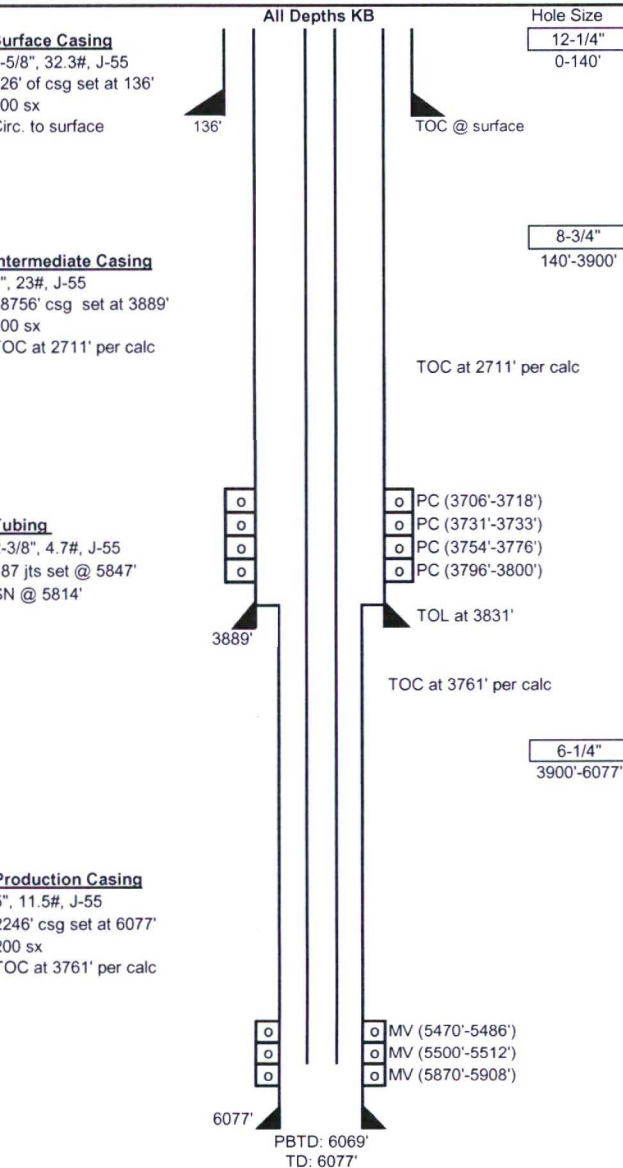




Wellbore Schematic

Well Name: Johnston Shear 1
Location: Sec 3, T26N, R3W, 1850' FNL & 790' FEL
County: Rio Arriba
API #: 30-039-06713
Co-ordinates: Lat: 36.5178 Long: -107.12592
Elevations: GROUND: 7054'
KB: 7066'
Depths (KB): PBD: 6069'
TD: 6077'

Date Prepared: 6/9/2017
Last Updated: 8/15/2019
Spud Date: 11/5/1958
Completion Date: 12/23/1958
Last Workover Date: 11/7/2000



Surface Casing: (11/5/1958)
Drilled a 12-1/4" surface hole to 140' and set 126' of 9-5/8", 32.3# J-55 casing at 136'
Cmt w/ 100 sx regular cmt
Circ to surface

Intermediate Casing: (11/18/1958)
Drilled an 8-3/4" intermediate hole to 3900'. Set 3875.69' of 7", 23# J-55 casing set @ 3889'
Cmt w/ 200 sx regular cmt
TOC at 2711' per calc assuming 1.18 yield & 75% efficiency

Production Casing: (11/28/1958)
Drilled a 6-1/4" production hole to 6077' and set 2246' of 5", 11.5# J-55 casing at 6077'
Cmt w/ 200 sx
TOC at 3761' per calc assuming 1.18 yield & 75% efficiency

Tubing: (11/7/2000)	Length (ft)
KB	12
(185) 2-3/8", 4.7# J-55	5802.42
SN (1.78" ID)	1.1
(1) 2-3/8", 4.7# J-55	31.04
(1) 2-3/8", 4.7# J-55 S.T. Collar	0.67
Set at:	5847.23 ft

Rods:
NA

Pumping Unit
NA

Perforations: (12/6/1958)
Pictured Cliffs: (3706'-3800') 120 holes, 3 SPF
Frac w/ 40,000 gal H2O & 40,000# sand
Mesaverde: (5470'-5486', 5500'-5512') 112 holes, 4 SPF
Frac w/ 30,000 gal H2O & 30,000# sand
(5870'-5908') 114 holes, 3 SPF
Frac w/ 40,000 gal H2O & 40,000# sand

Formations:			
Ojo Alamo-	3260'	Cliff House-	5468'
Kirtland-	3459'	Menefee-	5524'
Fruitland-	3520'	Point Lookout-	5864'
Pictured Cliffs-	3700'	Mancos-	6000'
Lewis-	3801'		

Additional Notes:
(7/10/1998) Comingle
(11/7/2000) Replaced Tubing

NMOC
AUG 16 2019
DISTRICT III