

W LYBROOK UT #703H

Lybrook Mancos W

(page 1)

Spud: 12/6/16

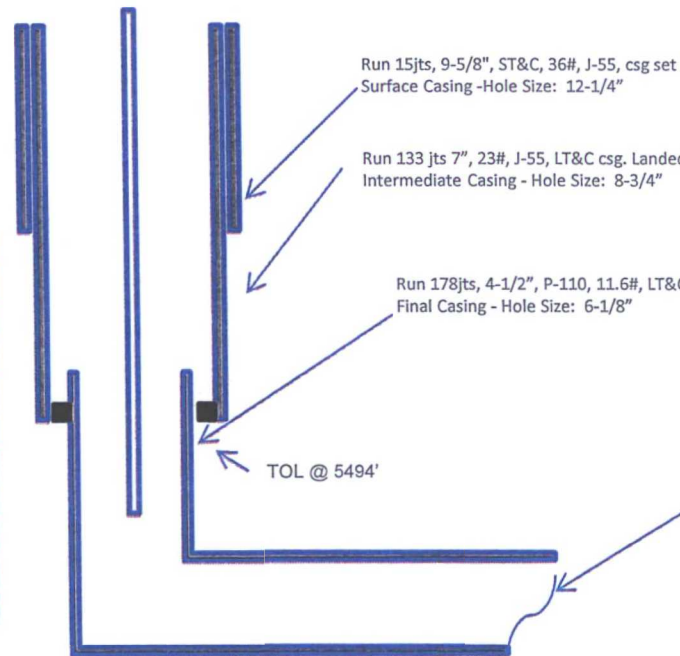
Completed: 4/13/17

SHL: 1212' FSL & 1366' FWL
SE/4 SW/4 Section 8 (N), T23N, R8W

BHL: 1040' FSL & 1950' FWL
SE/4 SW/4 Section 6 (N), T23N, R8W

San Juan, NM
Elevation: 6823'
API: 30-045-35727

Formation	MD	TVD
OJO ALAMO	858	858
KIRTLAND	1063	1063
PICTURED CLIFFS	1463	1463
LEWIS	1577	1577
CHACRA	1843	1843
CLIFF HOUSE	2905	2897
MENEFEE	2944	2935
POINT LOOKOUT	3931	3853
MANCOS	4123	4029
GALLUP	4487	4379



Run 15jts, 9-5/8", ST&C, 36#, J-55, csg set @ 329', FC @ 297'.
Surface Casing - Hole Size: 12-1/4"

Run 133 jts 7", 23#, J-55, LT&C csg. Landed @ 5633', FC @ 5594'.
Intermediate Casing - Hole Size: 8-3/4"

Run 178jts, 4-1/2", P-110, 11.6#, LT&C. 8RD, CSG set @ 12692', LC @ 12651', RSI tool @ 12626', TOL @ 5494'.
Final Casing - Hole Size: 6-1/8"

TOL @ 5494'

Mancos w/ .32" diameter 5650'-12418' total of 659 holes. Frac'd @ 5650'-12626' w/ 34 stages of 20/40 sand total of 6,976,492.

TD: 12697' MD
TVD: 5190'
PBDT: 12651' MD

Land production 2-3/8"-4.7#-J55 tubing @ 5646' as follows: D BOP; NU Wellhead Joints:Spacing:Depth:I.D O.D.Misc Data: KB 21.00 21.00KB - Elevation Hanger0.50 21.50 2.441 Tubing Hanger 33 jts 1075.66 1097.16 2.441 3.68 2-7/8"-6.5#-J55 TUBING GLV # 94.101101.262.441 4.835 Gas Lift Valve 17 jts 554.161655.422.441 3.68 2-7/8"-6.5#-J55 TUBING GLV # 8 4.101659.522.441 4.835 Gas Lift Valve 15 jts 488.872148.392.4413.68 2-7/8"-6.5#-J55 TUBING GLV # 7 4.10 2152.492.4414.835Gas Lift Valve 15 jts488.92641.452.4413.682-7/8"-6.5#-J55 TUBING GLV # 64.102645.552.4414.835Gas Lift Valve 16 jts521.373166.922.4413.682-7/8"-6.5#-J55 TUBING GLV # 54.103171.022.4414.835gas Lift Valve 16 jts521.623692.62.4413.682-7/8"-6.5#-J55 TUBING GLV # 44.103696.742.4414.835Gas Lift Valve 17 jts 553.774250.512.4413.682-7/8"-6.5#-J55 TUBING GLV #34.104254.612.4414.835Gas Lift Valve 16 jts521.50 4776.112.4413.682-7/8"-6.5#-J55 TUBING GLV # 24.10 4780.212.4414.835Gas Lift Valve 11 jts358.295138.502.4413.682-7/8"-6.5#-J55 TUBING X-nipple1.005139.50.3133.682.313" X-NIPPLE 8 jts260.675400.172.4413.682-7/8"-6.5#-J55 TUBING GLV # 14.105404.272.4414.835Screened Orifice 1jts 32.605436.872.4413.68 2-7/8"-6.5#-J55 TUBING GAUGE4.105440.972.4414.835Gauge Mandrel PUP 4.105445.072.4413.684.10' PUP JOINT On/Off1.805446.872.4415.85ON/OFF TOOL W/2.25" F PKR7.405454.272.55.987.0" AS1-X CARBIDE PKR X-Ove 0.405454.671.9953.682-3/8" x 2-7/8" X-OVER 5 jts157.77 5612.441.9952.3752-3/8"-4.7#-J55 TAILPIPE XN-nipple1.005613.441.7913.071.875" XN-NIPPLE 1 jt 31.365644.801.9952.3752-3/8"-4.7#-J55 TAILPIPE HM1.355646.151.9953.042-3/8" HALF MULE
•Pressure test good

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	101sx	162cu.ft.	Surface
8-3/4"	7"	950 sx	1533cu. ft.	Surface
6-1/8"	4-1/2"	665sx	893 cu. ft.	TOL 5494'

LG 4/18/17

AV

CONFIDENTIAL