NE CHACO COM #902H CHACO UNIT NE HZ OIL (page 1)

Spud: 7/8/15

Completed: 1/23/16

SHL: 2403' FNL & 232' FWL SW/4 NW/4 Section 5 (E), T23N, R6W

BHL: 2286' FNL & 334' FEL

SE/4 NE/4 Section 8 (H), T23N, R6W

RIO ARRIBA NM Elevation: 6882 API: 30-039-31299

CONFIDENTIAL

LG 1/27/16

OJO ALAMO	1498	1483
KIRTLAND	1811	1790
PICTURE		
CLIFFS	2089	2061
LEWIS	2210	2180
CHACRA	2553	2515
CLIFF HOUSE	3687	3622
MENEFEE	3717	3651
PT LOOKOUT	4450	4368
MANCOS	4652	4566
GALLUP	5068	4975

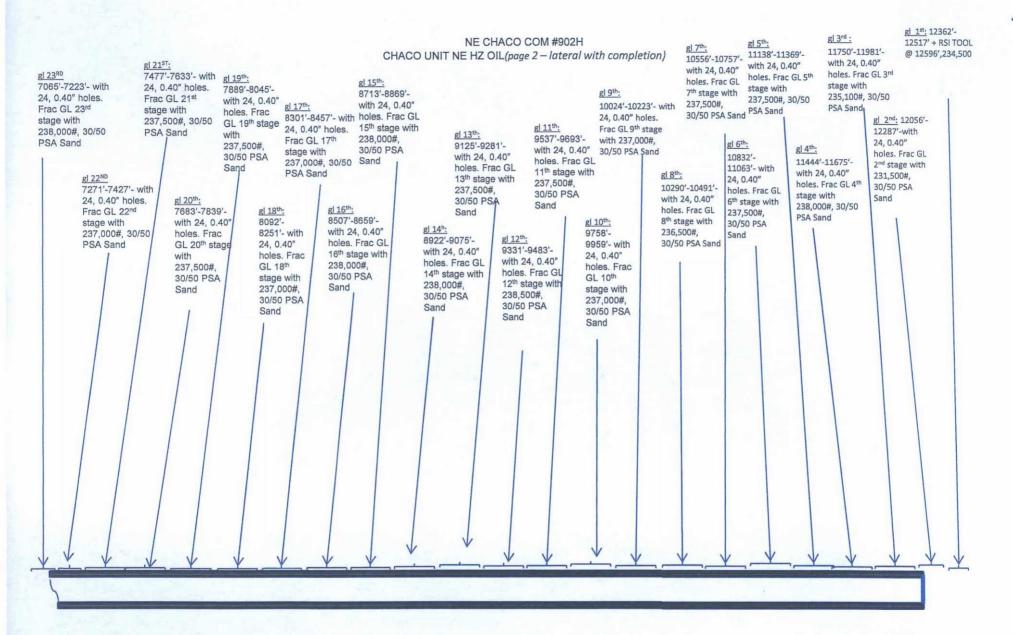
Run 14jts. 9 5/8", 36# J-55 LT&C CSG SET @ 330', FC @ 300' Surface Casing -Hole Size: 12-1/4" Run 138 jts 7", 23#, J55, LT&C csg. Landed @ 5965', FC @ 5921', DV Tool @ 2455' Intermediate Casing - Hole Size: 8-3/4" Run 160its, 4-1/2", P-110, 11.6#, LT&C. 8RD, CSG set @ 12713', LC @ 12619', RSI tool @ 12595.8', TOL @ 5796.7'. Final Casing - Hole Size: 6-1/8" TOL @ 5796.7'

Land well at 5,887' w/ 25' KB as follows, 1/2 MS, 1 Jt of 2.375" J55 tbg, 1.87" XN set at 5,851', 3 Jts of 2.375" J55 tbg. 2.378" XOVER- 2.875, 7" AS1-X Pkr set at 5747' w/ 10K in Tension, On/Off Tool at 5745', 4' pup jt, 1 Jt 2.875" J55 tbg, GLV #1 set at 5704', 9 Jts of 2.875" J55 tbg, X-NIP set at 5410', 11 Jts of 2.875" J55 tbg, GLV #2 set at 5047', 14 Jts of 2.875" J55 tbg, GLV #3 set at 4586', 14 Jts of 2.875" J55 tbg, GLV #4 set at 4126', 14 Jts of 2.875" J55 tbg, GLV #5 set at 3669', 14 Jts of 2.875" J55 tbg, GLV #6 set at 3204', 14 Jts of 2.875" J55 tbg, GLV #7 set at 2744', 14 Jts of 2.875" J55 tbg, GLV #8 set at 2283', 16 Jts of 2.875" J55 tbg, GLV #9 set at 1757', 20 Jts of 2.875" J55 tbg, GLV #10 set at 1101'. 33 Jts of 2.875" J55 tbg, Hanger, Total 4 Jts of 2.375" J55 tbg in well, Total 174 Jts of 2.875" J55 tbg in well, Total 181 Jts, NU production tree, lock down tbg hanger.

TD: 12720' MD TVD: 5405' PBTD: 12619' MD

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	101 sx	162.61 cu.ft.	Surface
8-3/4"	7"	845 sx	14 14.7 cu.ft	Surface
6-1/8"	4-1/2"	670 sx	856.6 cu. ft.	TOL 5796.7

OIL CONS. DIV DIST. 3 FEB 0 3 2016



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gl 24th: 6859'-7015'with 24, 0.40" holes. Frac GL 24th stage with 237,000#, 30/50 PSA Sand

