NF Chaco Com #244H Chaco Unit NE HZ (oil)

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Spud: 3/23/15

Completed: 7/13/15

SHL: 1390' FSL & 369' FWL NW/4 SW/4 Section 16(L), T23N, R6W

BHL: 407' FSL & 229' FEL

SE/4 SE/4 Section 16 (P), T23N, R6W

RIO ARRIBA NM Elevation: 6858' API: 30-039-31205

Tops	MD	TVD
OJO_ALAMO	1350	1330
KIRTLAND	1467	1443
PICTURE_CLIFFS	1973	1931
LEWIS	2081	2035
CHACRA	2417	2359
CLIFF_HOUSE	3525	3432
MENEFEE	3549	3456
PT_LOOKOUT	4317	4193
MANCOS	4509	4377
GALLUP	4927	4785

Run 10jts., 9- 5/8", 36#, J-55, ST&C csg, set @ 322", FC @ 290' Surface Casing -Hole Size: 12-1/4" Run 138jts 7", 23#, J-55, LT&C 8rd mandrel landed string set @ 6066', FC @ 6020' Intermediate Casing - Hole Size: 8-3/4" Run 118 jts, 4-1/2", P-110, 11.6#, LT&C. 8RD, CSG set @ 11069', LC @ 10979', RSI tool @ 10971', TOL @ 5934' Final Casing - Hole Size: 6-1/8" TOL @ 5934'

Land well at 6091' w/ 14.5' KB as follows, 1/2 MS, 1 Jt of 2.375" J55 tbg, 1.87" XN set at 6058', 5 Jts of 2.375" J55 tbg, 7" AS1-X Pkr set at 5896.54' w/ 10K in Tension, On/Off Too at 5889.04l, 4' pup jt, 1 Jt 2.875" J55 tbg, GLV #1 set at 5852', 11 Jts of 2.875" J55 tbg, 2.31" XN set at 5507', 12 Jts of 2.875" J55 tbg, GLV #2 set at 5136', 16 Jts of 2.875" J55 tbg, GLV #3 set at 4638', 17 Jts of 2.875" J55 tbg, GLV #4 set at 4108', 18 Jts of 2.875" J55 tbg, GLV #5 set at 3607', 17 Jts of 2.875" J55 tbg, GLV #6 set at 3077', 16 Jts of 2.875" J55 tbg, GLV #7 set at 2579', 20 Jts of 2.875" J55 tbg, GLV #8 set at 1955', 25 Jts of 2.875" J55 tbg, GLV #9 set at 1174', 37 Jts of 2.875" J55 tbg, Total Jts of 2.375" J55 tbg in well, Total 188 Jts of 2.875" J55 tbg in well, Total 195 Jts, lock down tbg hanger.

TD: 11082' MD TVD: 5445' PBTD: 10979' MD

Lg 7/15/15	5/15	5	7/1	Lg
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HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	101sx	162 cu.ft.	Surface
8-3/4"	7"	1152 s x	15 15 cu.ft	Surface
6-1/8"	4-1/2"	510 sx	693 cu. ft.	TOL 5934'

OIL CONS. DIV DIST. 3 JUL 2 0 2015

