## NE CHACO COM #240H Chaco Unit NE HZ (oil)(page 1)

Spud: 6/11/14

Completed: 10/16/14

**SHL:** 231' FSL & 195' FWL

SW/4 SW/4 Section 18(M), T23N, R6W

BHL: 873' FSL & 64' FEL

SE/4 SE/4 Section 14 (P), T23N, R 7W

RIO ARRIBA NM Elevation: 6938' API: 30-039-31235

MD	TVD
1342'	1329′
1642'	1616′
2032'	1989'
2389'	2331'
3510′	3405 '
3528'	3422'
4330′	4185'
4506'	4353′
4939'	4774'
	1342' 1642' 2032' 2389' 3510' 3528' 4330' 4506'

run 14 jts. 9 5/8" 40# NS-80 LT&C csg & 2 jts. 9 5/8" 40# P-110 LT&C CSG SET @ 403', FC @ 356' Surface Casing -Hole Size: 12-174 Run 145 jts 7", 23#, J-55, LT&C, 8RD csg, landed @ 6088', FC @ 6043' Intermediate Casing - Hole Size: 8-3/4" Run Tie Back String-No-Go, and 4 1/2" 11.6# N80 casing as follows; Seal Assembly with No-Go 5.85" OD 4.00" ID, 31 Jts 4 1/2" 11.6# N80 casing, 9.71' X 4 1/2" 11.6# N80 casing sub/ Marker Jt set @ 4790.51' - 4808.22", 127 Jts 4 1/2" 11.6# N80 casing, 12.12", 1.88' casing subs, 1 Jt 4 1/2 " 11.6# N80 casing, 1 X 2.50' casing sub, and casing hanger. Total length of all Tubulars ran in well = 5949.30'. Had an up wt of 64K and down wt of 58K. Landed with 50K on liner top and leaving 13K on hanger. Total with KB difference is 5858.80'. Had a difference of 3.20' from liner hanger depth @ 5962' Antelope tested 4 1/2" casing to 1500 psi, held for 30minutes , and recorded on chart. Antelope tested 4 1/2" X 7' to 1500 psi, held for 30 minutes, and recorded on chart. Both test were good, RD Antelope. Run 150 jts 4-1/2", 11.6#, N-80, LT&C. 8rd CSG set @ 11620' (TVD 5442'), LC @ 11540',RSI tools 11523', marker its @ 7810'& 9646', TOL @5962' Final Casing - Hole Size: 6-1/8" TOL @ 5962'

Land well at 5846' w/ 14.5' KB as follows 1/2 MS, 1 Jt of 2.375" J55 4.7lb 8rnd EUE tbg, 1.50" FN at 5815', 181 Jts of 2.375" J55 4.7lb 8rnd EUE tbg 182 jts total

TD: 11629 MD TVD: 5441' PBTD: 11540' MD

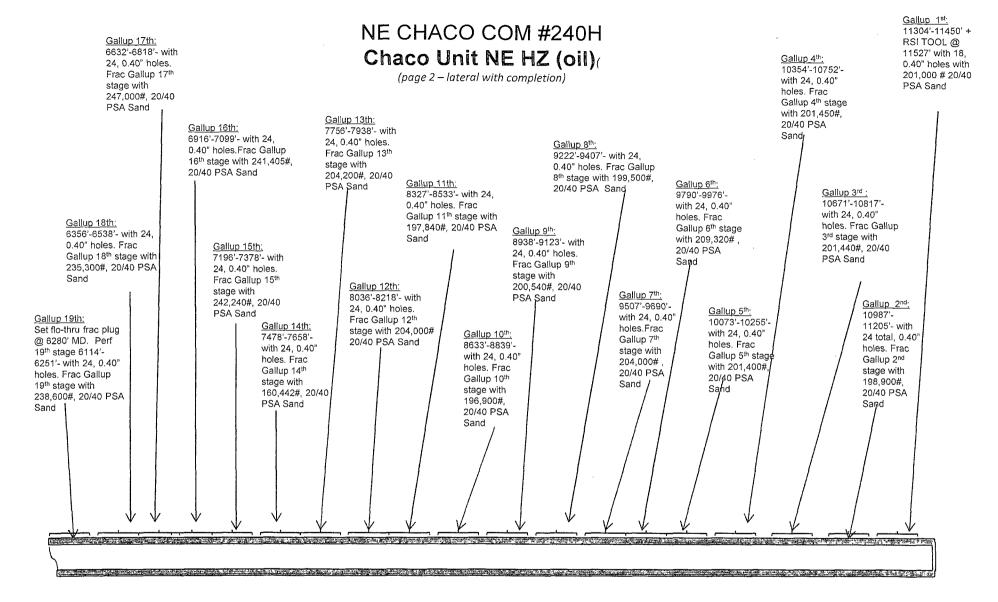
HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 s x	222 cu.ft.	Surface
8-3/4"	7"	882 s x	1308 cu. ft.	Surface
6-1/8"	4-1/2"	430 s x	582 cu. ft.	TOL 5962'

OIL CONS. DIV DIST. 3

OCT 3 0 2014

Lg 10/27/14





See page 1 for upper portion of hole

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