

NE CHACO COM #188H

API # 30-039-21136



Location

SHL: 1779' FNL 302' FWL Sec: 19 Twnshp: 23N Rge: 6W
 BHL: 930' FNL 222' FWL Sec: 24 Twnshp: 23N Rge: 7W

Lat: 36.21331

Long: -107.51735

Spud Date: 4/3/2014

Completion: 9/10/2014

Pool Name: CHACO UNIT NE HZ OIL

Install GLV: 10/3/2014

Reinstall GLV: 10/30/2018

wellbore update: 11/5/18 LG

Tops	MD	TVD
Ojo Alamo	1324'	1316'
Kirtland	1619'	1611'
Pictured Cliffs	1923'	1913'
Lewis	2028'	2017'
Chacra	2346'	2332'
Cliff House	3443'	3420'
Menefee	3458'	3435'
Point Lookout	4222'	4193'
Mancos	4397'	4367'
Gallup	4830'	4800'

Landed tubing @ 5849'. 181 Jnts of 2 3/8" 4.7# J55. Packer set @ 5678', 5 Gas Lift Valves

FRAC:5948'-10808'

12 1/4"
Hole8 3/4"
Hole6 1/8"
Hole

Surface: TD 12-1/4" SURF HOLE @ 423', 1030 HRS.
 RAN 13 JTS, 9-5/8", LT&C, 36#, J-55, CSG SET @ 419', FC @ 384'
 Pump 10 bbls FW spacer, & 50.1 bbls Type G cmt (245 sxs) @ 15.8 PPG. Drop plug & disp w/ 29.7 bbls H2O. Bump plug @ 192 psi. Circ 25 bbls good cmt to surface.

Intermediate: TD 8-3/4" intermediate hole @ 5945' (TVD 5479') @ 0530 hrs.
 Run 144 jts 7", 23#, J-55, LT&C, 8RD csg, landed @ 5930', FC @ 5885'
 PRESS TEST 5000#, 7K W/ N-2, CEMENT INTERMEDIATE 7IN CSG W/ 60BBL MUD/CHEM WASH SPACER, THEN 52 SKS/20 BBLs OF 11.5# SCAVENGER, FOLLOWED BY 690 SKS/179.4 BBLs OF 13# N2 FOAMED ELASTISEAL SYSTEM LEAD, FOLLOWED BY 150 SKS/34.7 BBLs OF 13.5# HALCEM SYSTEM TAIL, DISPLACED W/ 231.5 BBLs OF 9.2# DRILL MUD. BUMPED PLUG @ 895 AND HELD 500 PSI OVER, RELEASED AND FLOATS HELD W/ 1.75 BACK - PLUG DOWN 20:30 - CIRC 50 BBLs CMT BACK TO SURFACE.

Prod Liner: TD 6-1/8" lateral @ 10,979' (TVD 5430'), 0930 hrs
 Run 137 jts 4-1/2", 11.6#, N-80, LT&C. CSG set @ 10965' (TVD 5430'), LC @ 10885', RSI tools 10859'-10865', marker jts @ 7492' & 9193', TOL @ 5798' . 10 Bbl FW, 40 Bbl TUNED SPACER, 10 Bbl FW. CAP = 40sx ELASTISEAL (10.4 Bbl, 58cf) + 6.94wgps (13ppg, 1.46 Yld) LEAD = 250sx ELASTISEAL (65 Bbl, 365cf) + 2% CHEM-FOAMER + 6.94wgps (13ppg, 1.46 Yld) TAIL = 100sx EXPANDECEN (23.2Bbl, 130cf) + 5.81wgps (13.5ppg, 1.3Yld) WASH LINES & DROP DART PLUG, DISPLACE W/ 127.5 Bbl (40Bbl MMCF, 30 2% KCL, 30FW, 27.5 2% KCL) PLUG DN @ 02:25, 6/25/14. FINAL PRESS 1202#, BUMP PLUG 1700#, CHECK FLOAT, HELD. DROP BALL, PRESS TO 3726#, SET HANGER, PULL 50K OVER, SET DN 80K. RELEASE F/ HANGER & CIRC TOL CLEAN W/ 150 Bbl 2% KCL, 26 Bbl FOAMED CMT TO BLOW TANK.

TD @ 10979'
 PBTD @ 10885'