

NE CHACO COM #177H CHACO UNIT NE HZ (OIL)() (page 1)

Spud: 10/6/14

Completed: 12/15/14

Install Gas Lift: 2/20/15

SHL: 1132' FNL & 755' FWL
NW/4 NW/4 Section 6(D), T23N, R6W

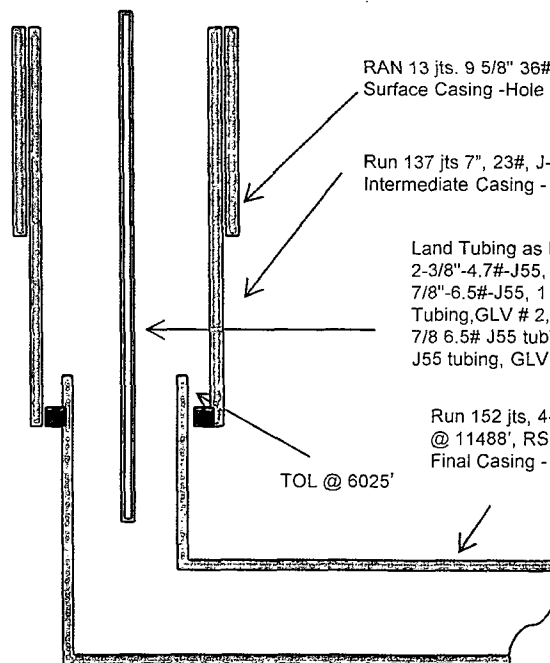
BHL: 1348' FNL & 230' FWL
SW/4 NW/4 Section 1(E), T23N, R 7W

RIO ARRIBA NM
Elevation: 6982'
API: 30-039-31252

OIL CONS. DIV DIST. 3

MAR 02 2015

Tops	MD	TVD
OJO_ALAMO	1639	1629
KIRTLAND	1829	1816
PICTURE_CLIFFS	2137	2119
LEWIS	2250	2231
CHACRA	2589	2566
CLIFF_HOUSE	3699	3665
MENEFEE	3741	3706
PT_LOOKOUT	4429	4386
MANCOS	4649	4605
GALLUP	5076	5031



RAN 13 jts. 9 5/8" 36#, J-55 L/S LT&C csg, set @ 425', FC @ 390'
Surface Casing - Hole Size: 12-1/4"

Run 137 jts 7", 23#, J-55, LT&C, 8RD csg, landed @ 6159', FC @ 6111'
Intermediate Casing - Hole Size: 8-3/4"

Land Tubing as Follows, EOT @ 6129.48, mule shoe, 1jt 2 3/8 j-55 tubing, 1.25' XN-nipple 6033.84', 4 jts 2-3/8"-4.7#-J55, 2-3/8" x 2-7/8" X-Over. 50' AS1-X Packer 7.50', On/Off tool w/ 2.25'F, 1-4.20' pup jt 2-7/8"-6.5#-J55, 1 jt 2-7/8"-6.5#-J55 Tubing, GLV # 1, 6 jts, X npl 1.20' @ 5656.48', 14 jnts 2-7/8"-6.5#-J55 Tubing, GLV # 2, 16 jts 2-7/8"-6.5#-J55 Tubing, GLV # 3, 15 jts 2-7/8 6.5# j55 tubing, GLV # 4, 15jts 2-7/8 6.5# J55 tubing, GLV # 5, 16 jts 2-7/8 J55 tubing, GLV # 6, 17jts 2-7/8 J55 tubing, GLV #7, 20jts 2-7/8 J55 tubing, GLV #8, 24jts 2-7/8J55 tubing, GLV #9, 35jts 2-7/8 J55 tubing, TUBING HANGER, KB 14.5'.

Run 152 jts, 4-1/2" CSG Liner, 11.6#, N-80, LT&C. 8RD CSG set @ 11564' (TVD 5585'), LC @ 11488', RSI tools 11470', marker jts @ 7780' & 9621', TOL @ 6025'
Final Casing - Hole Size: 6-1/8"

TOL @ 6025'

TD: 11580' MD
TVD: 5582'
PBTD: 11488' MD

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 sx	222 cu.ft.	Surface
8-3/4"	7"	927 sx	1344 cu. ft.	Surface
6-1/8"	4-1/2"	430 sx	605 cu. ft.	TOL 6025'

Lg 2/23/15

AY