

NE CHACO COM #198H CHACO UNIT NE HZ (OIL)(page 1)

Spud: 10/27/14

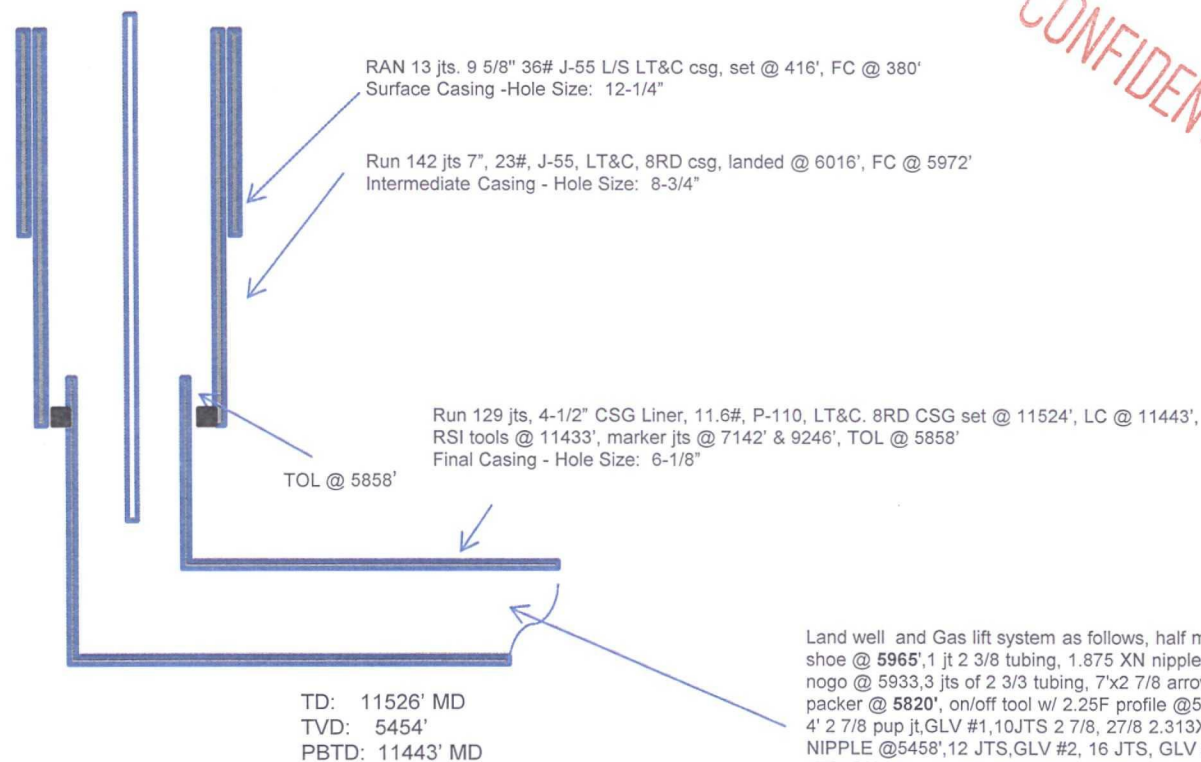
Completed: 3/4/15

SHL: 1440' FNL & 217' FWL
SW/4 NW/4 Section 8(E), T23N, R6W

BHL: 133' FNL & 503' FEL
NE/4 NE/4 Section 12 (A), T23N, R 7W

RIO ARRIBA NM
Elevation: 6845'
API: 30-039-31268

Tops	MD	TVD
Ojo Alamo:	1376' MD,	1386' TVD
Kirtland:	1729' MD,	1718' TVD
Picture Cliffs:	1992' MD,	1976' TVD
Lewis:	2078' MD,	2060' TVD
Chacra:	2418' MD,	2397' TVD
Cliff House:	3506' MD,	3465' TVD
Menefee:	3527' MD,	3591' TVD
Point Lookout:	4263' MD,	4217' TVD
Mancos:	4495' MD,	4448' TVD
Mancos Up:	4954' MD,	4846' TVD
Gallup:	4901' MD,	4854' TVD



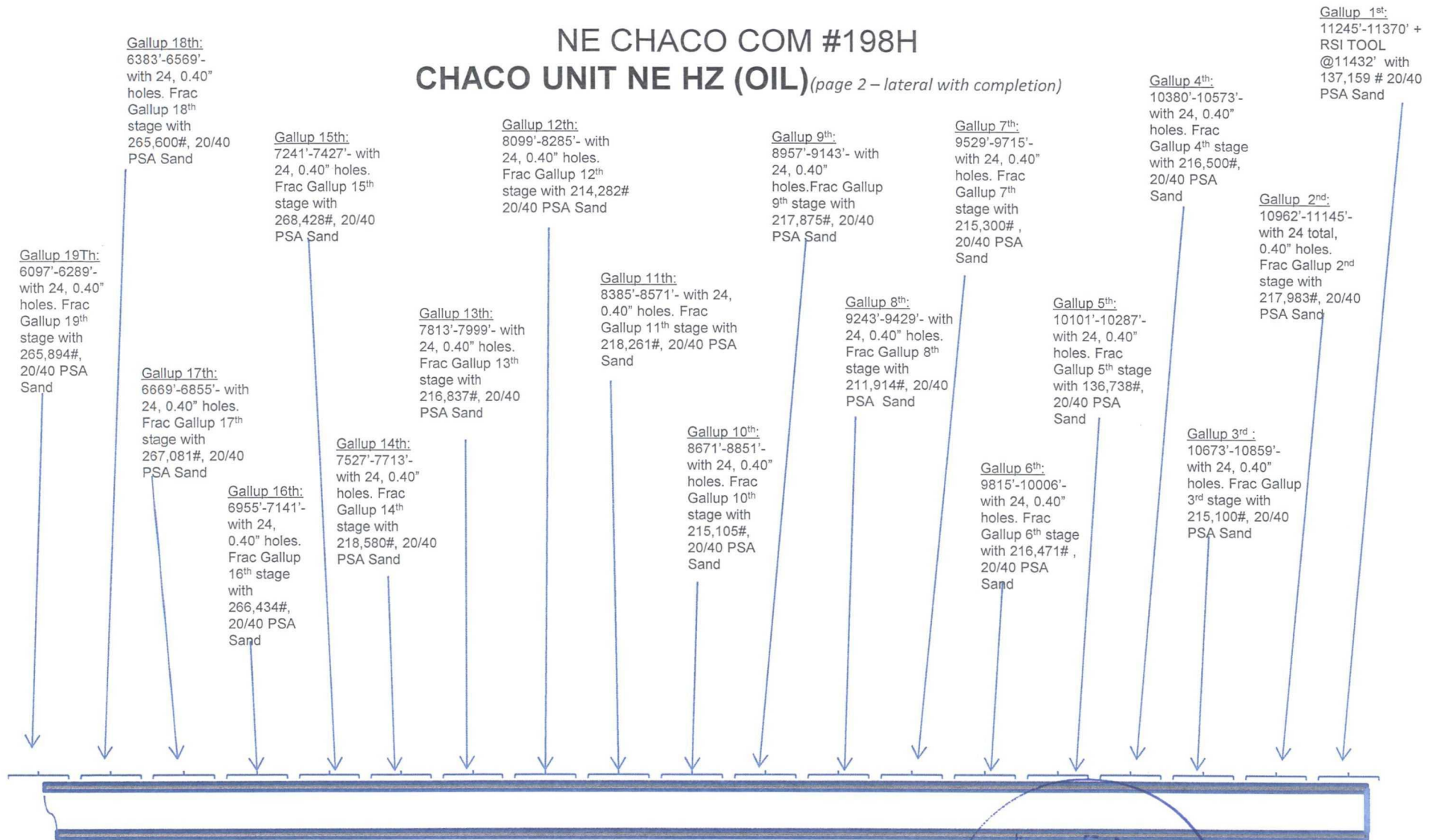
Land well and Gas lift system as follows, half mule shoe @ 5965', 1 jt 2 3/8 tubing, 1.875 XN nipple w/1.82 nogo @ 5933, 3 jts of 2 3/8 tubing, 7"x2 7/8 arrowset packer @ 5820', on/off tool w/ 2.25F profile @ 5834, 1 4' 2 7/8 pup jt, GLV #1, 10JTS 2 7/8, 27/8 2.313X NIPPLE @ 5458', 12 JTS, GLV #2, 16 JTS, GLV #3, 15 JTS, GLV #4, 15 JTS, GLV #5, 16JTS, GLV #6, 15 JTS, GLV #7, 19JTS, GLV #8, 23 JTS, GLV #9, 35 JTS, HANGER, 14.5 KB

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 sx	222 cu.ft.	Surface
8-3/4"	7"	987 sx	1429 cu. ft.	TOC 568'
6-1/8"	4-1/2"	446 sx	629 cu. ft.	Surface

Lg 3/6/15



NE CHACO COM #198H
CHACO UNIT NE HZ (OIL) (page 2 – lateral with completion)



See page 1 for upper portion of hole

