

NE CHACO COM #266H CHACO UNIT NE HZ (OIL)(page 1)

Spud: 10/29/14

Completed: 3/7/15

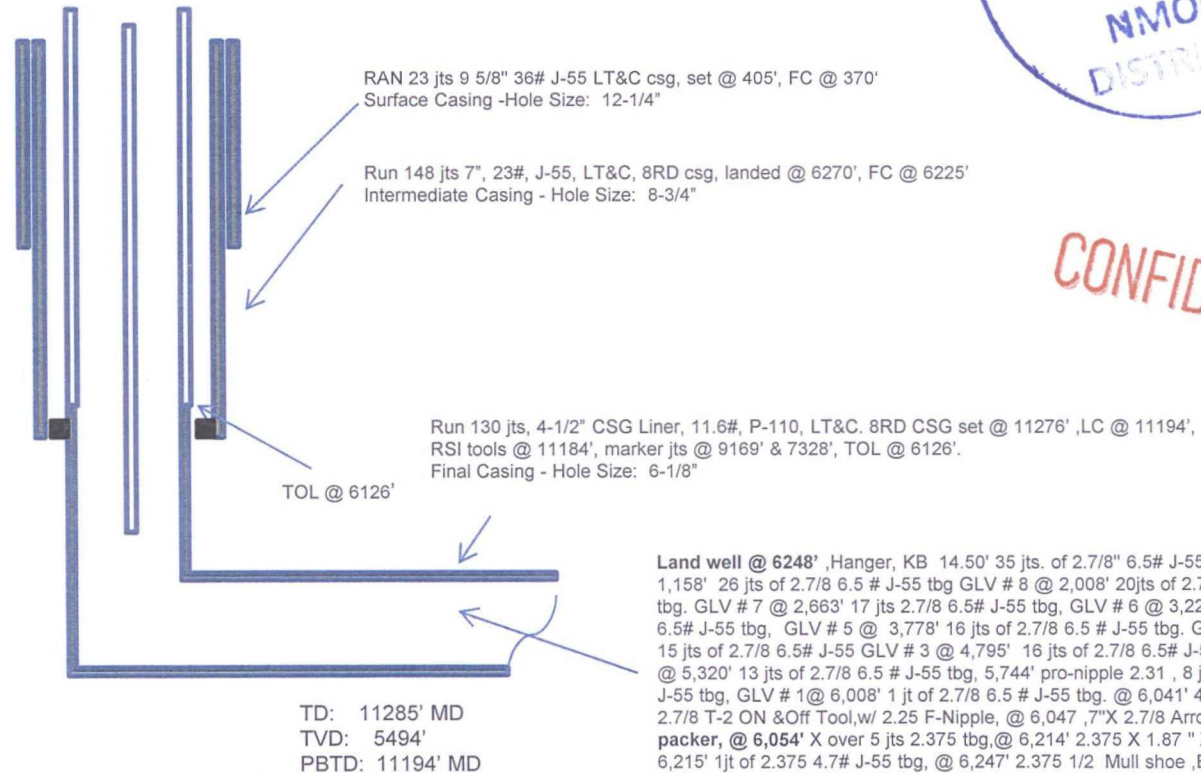


SHL: 1437' FNL & 195' FWL
SW/4 NW/4 Section 8(E), T23N, R6W

BHL: 1561' FNL & 229' FEL
SE/4 NE/4 Section 8 (H), T23N, R 6W

RIO ARRIBA NM
Elevation: 6845
API: 30-039-31263

Tops	MD	TVD
Ojo Alamo:	1380' MD	1367' TVD
Kirtland:	1764' MD	1724' TVD
Picture Cliffs:	2033' MD	1972' TVD
Lewis:	2140' MD	2070' TVD
Chacra:	2492' MD	2389' TVD
Cliff House:	3713' MD	3492' TVD
Menefee:	3758' MD	3535' TVD
Point Lookout:	4464' MD	4207' TVD
Mancos:	4696' MD	4437' TVD
Gallup:	5131' MD	4871' TVD



Land well @ 6248', Hanger, KB 14.50' 35 jts. of 2.7/8" 6.5# J-55 tbg, GLV # 9 @ 1,158' 26 jts of 2.7/8 6.5 # J-55 tbg GLV # 8 @ 2,008' 20jts of 2.7/8 6.5 # J-55 tbg. GLV # 7 @ 2,663' 17 jts 2.7/8 6.5# J-55 tbg, GLV # 6 @ 3,220' 17 jts of 2.7/8 6.5# J-55 tbg, GLV # 5 @ 3,778' 16 jts of 2.7/8 6.5 # J-55 tbg. GLV # 4 @ 4,303' 15 jts of 2.7/8 6.5# J-55 GLV # 3 @ 4,795' 16 jts of 2.7/8 6.5# J-55 tbg, GLV # 2 @ 5,320' 13 jts of 2.7/8 6.5 # J-55 tbg, 5,744' pro-nipple 2.31 , 8 jts of 2.7/8 6.5 # J-55 tbg, GLV # 1 @ 6,008' 1 jt of 2.7/8 6.5 # J-55 tbg. @ 6,041' 4' Pup jt, 7"X 2.7/8 T-2 ON & Off Tool,w/ 2.25 F-Nipple, @ 6,047 , 7"X 2.7/8 Arrowset 1- X 10 K packer, @ 6,054' X over 5 jts 2.375 tbg,@ 6,214' 2.375 X 1.87 " X Nipple' @ 6,215' 1jt of 2.375 4.7# J-55 tbg, @ 6,247' 2.375 1/2 Mull shoe ,EOT @ 6,248' (, Packer was set at 5K COMPRESSION), Total 184 jt 2.7/8 6. 5# J-55 8rd tbg, Total 6 jt 2.375 4.7# J-55 eue 8 rd, 76% Degrees,

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 sx	222 cu.ft.	Surface
8-3/4"	7"	1017 sx	1475 cu. ft.	Surface
6-1/8"	4-1/2"	405 sx	573 cu. ft.	TOL 6126'

Lg 3/12/15

AV

NE CHACO COM #266H CHACO UNIT NE HZ (OIL)(page 2 – lateral with completion)

Gallup 17th:
6310'-6496'- with
24, 0.40" holes.
Frac Gallup 17th
stage with
265,697#, 20/40
PSA Sand

Gallup 15th:
6992'-7173'- with
24, 0.40" holes.
Frac Gallup 15th
stage with
263,599#, 20/40
PSA Sand

Gallup 16th:
6626'-6872'- with
24, 0.40" holes.
Frac Gallup 16th
stage with
270,931#, 20/40
PSA Sand

Gallup 13th:
7546'-7750'- with
24, 0.40" holes.
Frac Gallup 13th
stage with
263,685#, 20/40
PSA Sand

Gallup 14th:
7278'-7464'-
with 24, 0.40"
holes. Frac
Gallup 14th
stage with
256,301#, 20/40
PSA Sand

Gallup 12th:
7850'-8036'- with
24, 0.40" holes.
Frac Gallup 12th
stage with 214,528#
20/40 PSA Sand

Gallup 11th:
8140'-8322'-
with 24, 0.40"
holes. Frac
Gallup 11th
stage with
216,887#,
20/40 PSA
Sand

Gallup 10th:
8422'-8608'-
with 24, 0.40"
holes. Frac
Gallup 10th
stage with
221,000#,
20/40 PSA
Sand

Gallup 9th:
8708'-8894'- with
24, 0.40"
holes. Frac Gallup
9th stage with
211,200#, 20/40
PSA Sand

Gallup 8th:
8994'-9175'- with 24,
0.40" holes. Frac Gallup
8th stage with 214,837#,
20/40 PSA Sand

Gallup 7th:
9280'-9469'-
with 24, 0.40"
holes. Frac
Gallup 7th
stage with
212,329# ,
20/40 PSA
Sand

Gallup 6th:
9566'-9752'-
with 24, 0.40"
holes. Frac
Gallup 6th stage
with 208,858# ,
20/40 PSA
Sand

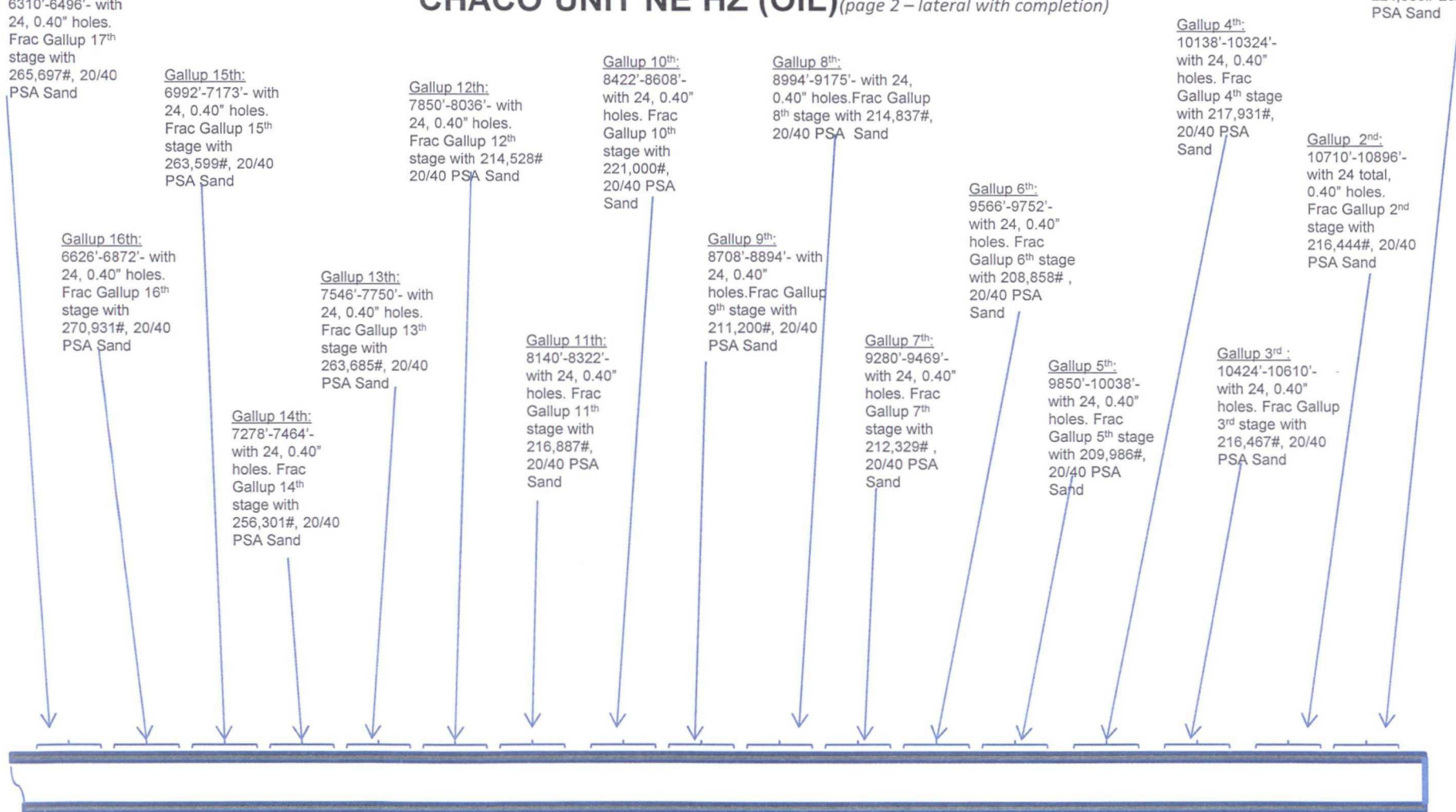
Gallup 5th:
9850'-10038'-
with 24, 0.40"
holes. Frac
Gallup 5th stage
with 209,986#,
20/40 PSA
Sand

Gallup 4th:
10138'-10324'-
with 24, 0.40"
holes. Frac
Gallup 4th stage
with 217,931#,
20/40 PSA
Sand

Gallup 3rd:
10424'-10610'-
with 24, 0.40"
holes. Frac Gallup
3rd stage with
216,467#, 20/40
PSA Sand

Gallup 2nd:
10710'-10896'-
with 24 total,
0.40" holes.
Frac Gallup 2nd
stage with
216,444#, 20/40
PSA Sand

Gallup 1st:
10996'-11121' +
RSI TOOL @
11184' with
224,665# 20/40
PSA Sand



See page 1 for upper portion of hole