

NE CHACO COM #181H CHACO UNIT NE HZ (OIL) (page 1)

Spud: 8/11/14

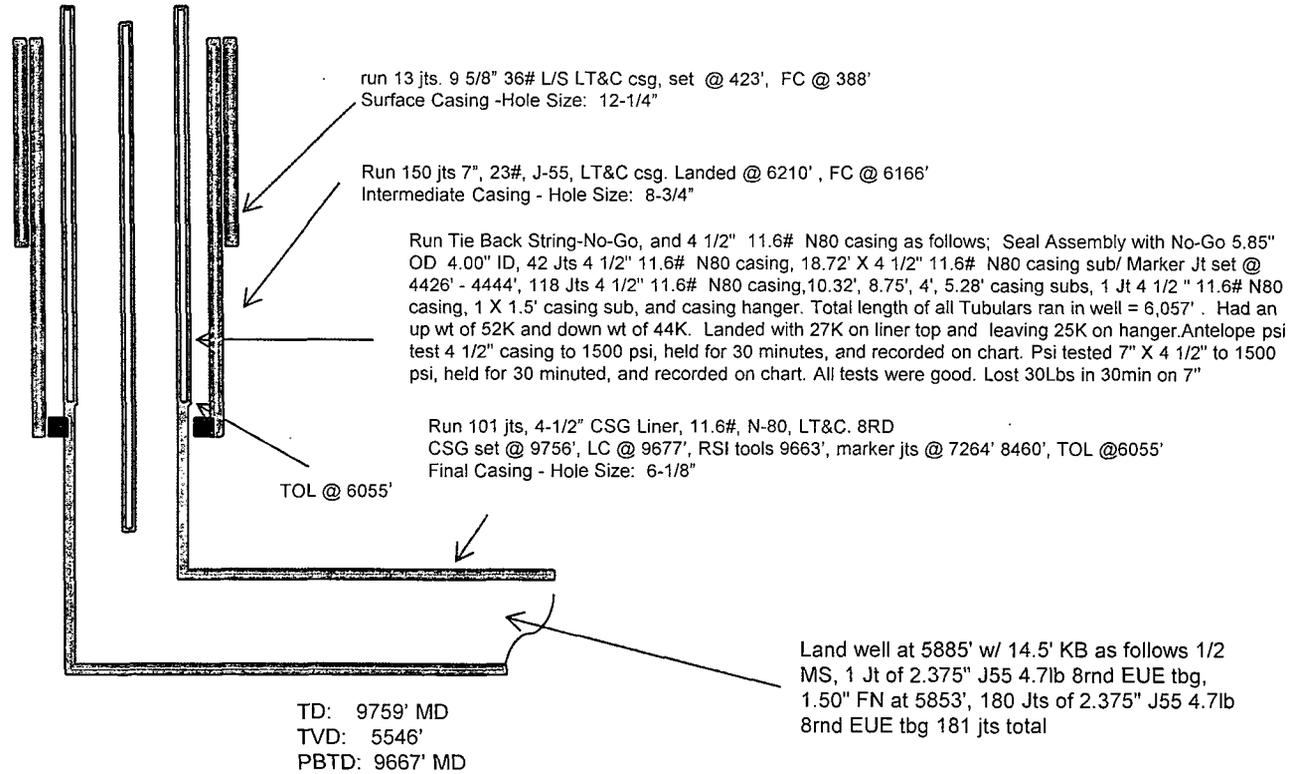
Completed: 11/6/14

SHL: 1979' FSL & 302' FWL
NW/4 SW/4 Section 7(L), T23N, R6W

BHL: 646' FNL & 1740' FWL
NE/4 NW/4 Section 12 (C), T23N, R 7W

RIO ARRIBA NM
Elevation: 6950
API: 30-039-31250

Tops	MD	TVD
Ojo Alamo	1549	1530
Kirtland	2041	2005
Picture Cliffs	2144	2105
Lewis	2153	2113
Chacra	2489	2440
Cliff House	3507	3425
Menefee	3676	3588
Point Lookout	2731	2675
Mancos	4627	4504
Gallup	2093	2055



CONFIDENTIAL

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 sx	222 cu.ft.	Surface
8-3/4"	7"	950 sx	1461 cu. ft.	Surface
6-1/8"	4-1/2"	310 sx	536 cu. ft.	TOL 6055'

OIL CONS. DIV DIST. 3
NOV 18 2014

Lg 11/13/14

N

NE CHACO COM #181H CHACO UNIT NE HZ (OIL)

(page 2 – lateral with completion)

Gallup 1st:
9447'-9591' +
RSI TOOL @
9667' with
250,100 # 20/40
PSA Sand

Gallup 4th:
8560'-8746'-
with 24, 0.40"
holes. Frac
Gallup 4th stage
with 248,500#,
20/40 PSA
Sand

Gallup 3rd:
8846'-9025'- with
24, 0.40" holes.
Frac Gallup 3rd
stage with
247,220#, 20/40
PSA Sand

Gallup 2nd:
9132'-9348'-
with 24 total,
0.40" holes.
Frac Gallup
2nd stage with
249,700#,
20/40 PSA
Sand

Gallup 5th:
8274'-8467'-with
24, 0.40" holes.
Frac Gallup 5th
stage with
244,460#, 20/40
PSA Sand

Gallup 6th:
7988'-8175'-
with 24, 0.40"
holes. Frac
Gallup 6th stage
with 247,180# ,
20/40 PSA
Sand

Gallup 7th:
7770'-7889'-
with 24, 0.40"
holes. Frac
Gallup 7th
stage with
248,980# ,
20/40 PSA
Sand

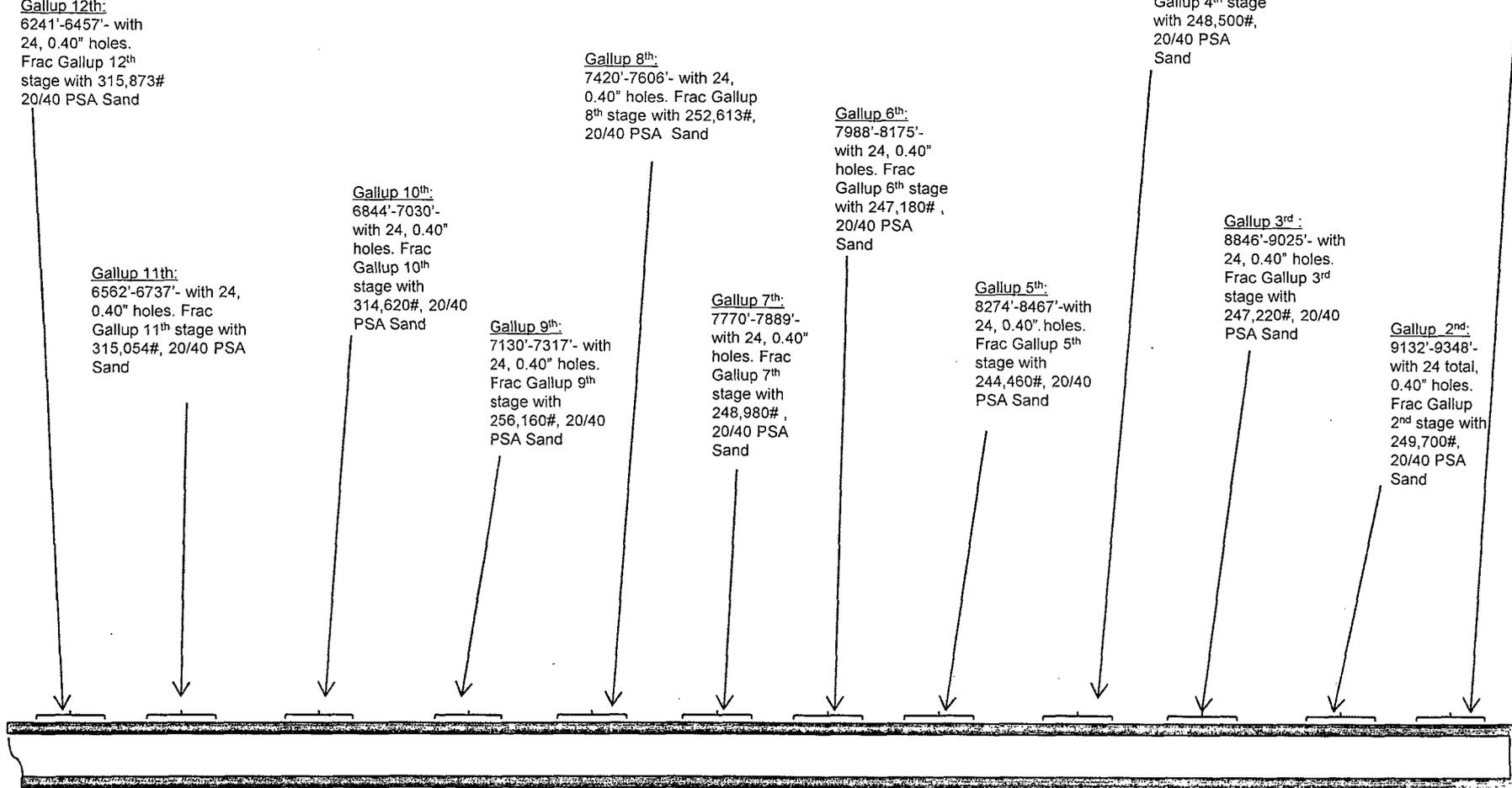
Gallup 8th:
7420'-7606'- with 24,
0.40" holes. Frac Gallup
8th stage with 252,613#,
20/40 PSA Sand

Gallup 9th:
7130'-7317'- with
24, 0.40" holes.
Frac Gallup 9th
stage with
256,160#, 20/40
PSA Sand

Gallup 10th:
6844'-7030'-
with 24, 0.40"
holes. Frac
Gallup 10th
stage with
314,620#, 20/40
PSA Sand

Gallup 11th:
6562'-6737'- with 24,
0.40" holes. Frac
Gallup 11th stage with
315,054#, 20/40 PSA
Sand

Gallup 12th:
6241'-6457'- with
24, 0.40" holes.
Frac Gallup 12th
stage with 315,873#
20/40 PSA Sand



See page 1 for upper portion of hole

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