

NE CHACO COM #199H CHACO UNIT NE HZ (OIL)(page 1)

Spud: 9/5/14

Completed: 2/14/15

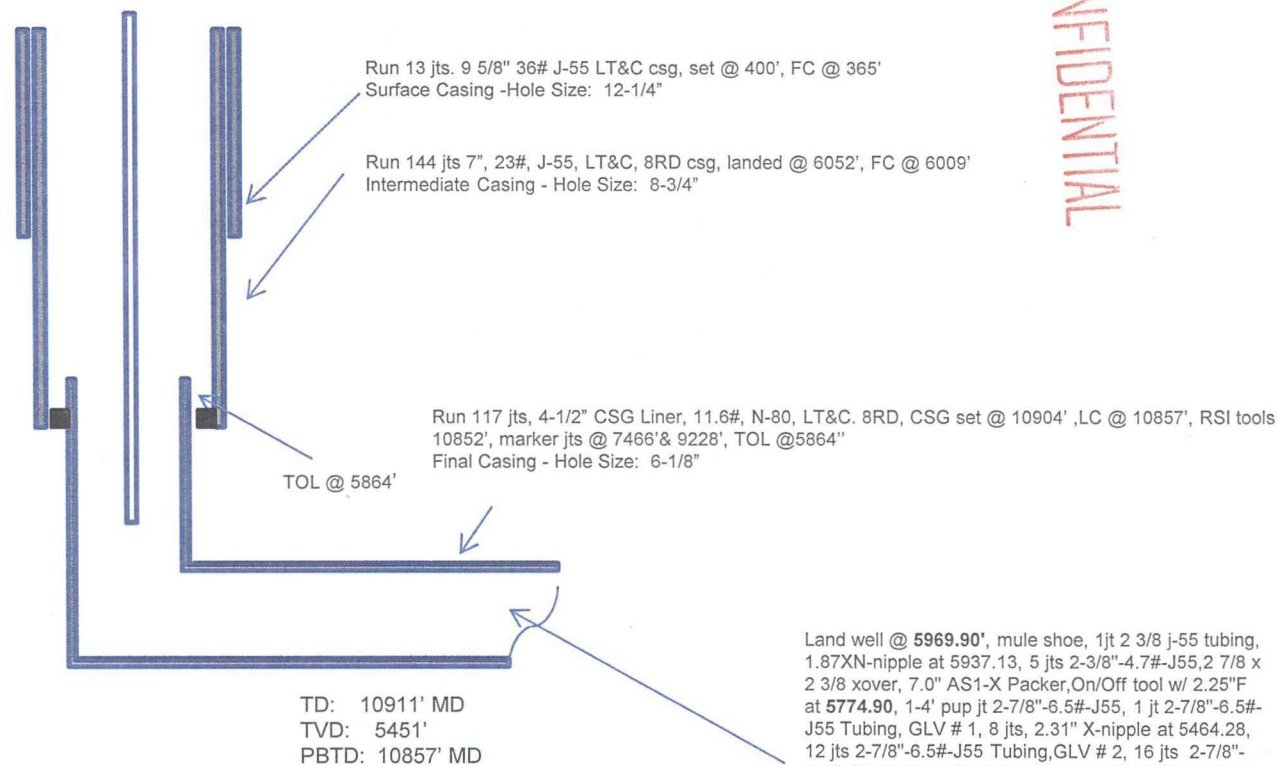
CONFIDENTIAL

SHL: 1436' FSL & 231' FWL
NW/4 SW/4 Section 8(L), T23N, R6W

BHL: 2452' FNL & 245' FWL
SW/4 NW/4 Section 7 (E), T23N, R 6W

RIO ARRIBA NM
Elevation: 6832'
API: 30-039-31247

Tops	MD	TVD
Ojo Alamo	1338	1330
Kirtland	1661	1648
Picture Cliffs	1947	1930
Lewis	2062	2044
Chacra	2402	2378
Cliff House	3499	3459
Menefee	3546	3504
Point Lookout	4269	4217
Mancos	4463	4409
Gallup	4880	4826



Land well @ 5969.90', mule shoe, 1jt 2 3/8 j-55 tubing, 1.87XN-nipple at 5937.13, 5 jts 2-3/8"-4.7#-J55, 2 7/8 x 2 3/8 xover, 7.0" AS1-X Packer, On/Off tool w/ 2.25"F at 5774.90, 1-4' pup jt 2-7/8"-6.5#-J55, 1 jt 2-7/8"-6.5#-J55 Tubing, GLV # 1, 8 jts, 2.31" X-nipple at 5464.28, 12 jts 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, 15 jts 2-7/8 6.5# J55 tubing, GLV # 5, 16 jts 2-7/8 J55 tubing, GLV # 6, 15 jts 2-7/8 J55 tubing, GLV #7, 19 jts 2-7/8 J55 tubing, GLV #8, 23 jts 2-7/8J55 tubing, GLV #9, 35 jts 2-7/8 J55 tubing, TUBING HANGER, KB 14.5'. finished running Gas Lift System

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 sx	158 cu.ft.	Surface
8-3/4"	7"	987 sx	1431 cu. ft.	Surface
6-1/8"	4-1/2"	415 sx	584 cu. ft.	TOL 5864'

Lg 2/16/15

rv

NE CHACO COM #199H
CHACO UNIT NE HZ (OIL)(page 2 – lateral with completion)

Gallup 1st:
10636'-10781' +
RSI TOOL
@10852' with
216,832 # 20/40
PSA Sand

Gallup 4th:
9748'-9934'-
with 24, 0.40"
holes. Frac
Gallup 4th stage
with 223,974#,
20/40 PSA
Sand

Gallup 3rd:
10034'-10220'-
with 24, 0.40"
holes. Frac Gallup
3rd stage with
226,799#, 20/40
PSA Sand

Gallup 2nd:
10320'-10529'-
with 24 total,
0.40" holes.
Frac Gallup 2nd
stage with
225,631#, 20/40
PSA Sand

Gallup 5th:
9462'-9648'-with
24, 0.40" holes.
Frac Gallup 5th
stage with
216,811#, 20/40
PSA Sand

Gallup 6th:
9176'-9366'-
with 24, 0.40"
holes. Frac
Gallup 6th stage
with 235,647#,
20/40 PSA
Sand

Gallup 7th:
8890'-9077'-
with 24, 0.40"
holes. Frac
Gallup 7th
stage with
221,070#,
20/40 PSA
Sand

Gallup 8th:
8604'-8790'- with 24,
0.40" holes. Frac Gallup
8th stage with 220,137#,
20/40 PSA Sand

Gallup 9th:
8318'-8504'- with
24, 0.40"
holes. Frac Gallup
9th stage with
216,536#, 20/40
PSA Sand

Gallup 10th:
8028'-8218'-
with 24, 0.40"
holes. Frac
Gallup 10th
stage with
216,829#,
20/40 PSA
Sand

Gallup 11th:
7746'-7932'- with 24,
0.40" holes. Frac
Gallup 11th stage with
216,724#, 20/40 PSA
Sand

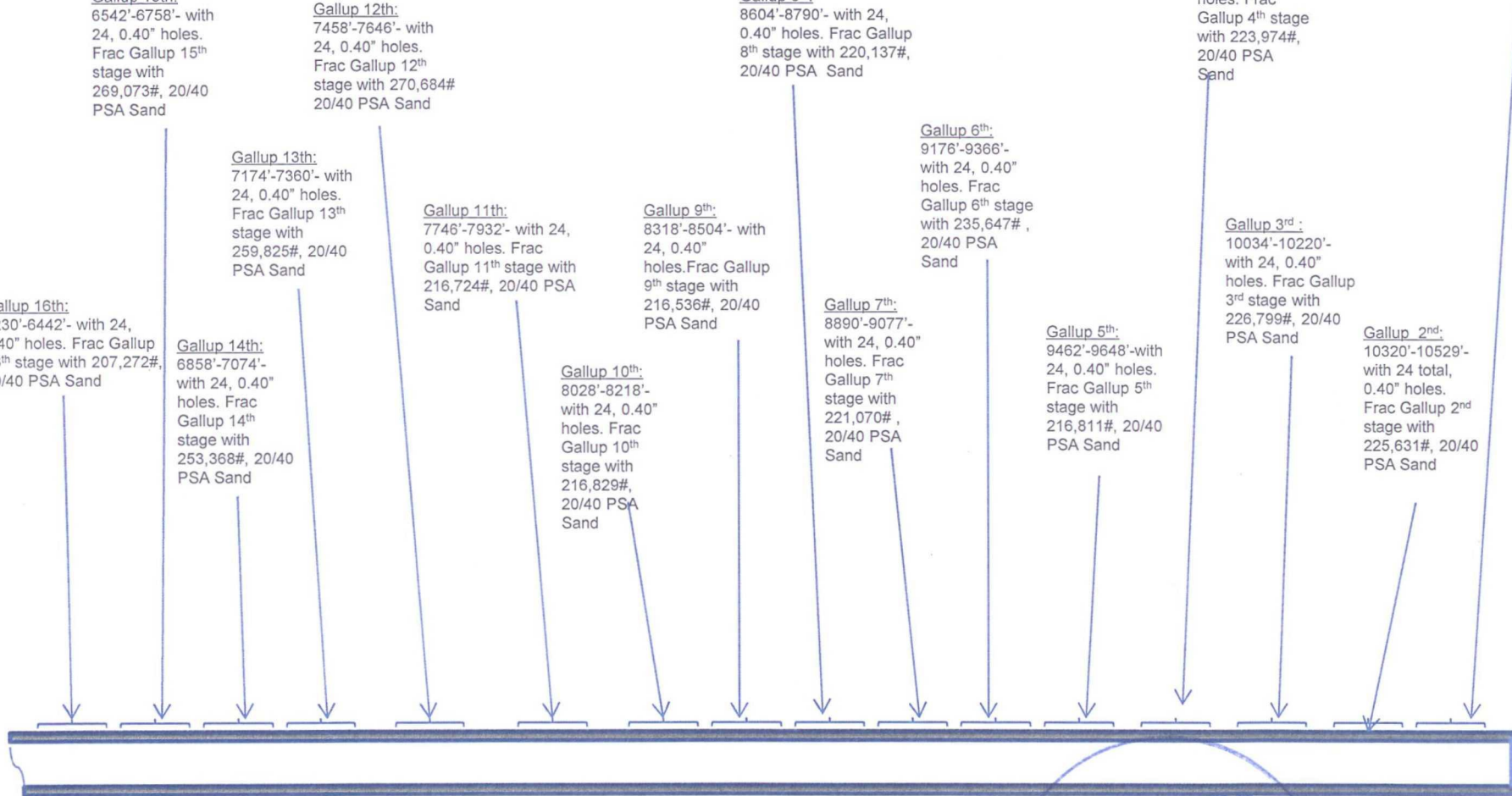
Gallup 12th:
7458'-7646'- with
24, 0.40" holes.
Frac Gallup 12th
stage with 270,684#
20/40 PSA Sand

Gallup 13th:
7174'-7360'- with
24, 0.40" holes.
Frac Gallup 13th
stage with
259,825#, 20/40
PSA Sand

Gallup 14th:
6858'-7074'-
with 24, 0.40"
holes. Frac
Gallup 14th
stage with
253,368#, 20/40
PSA Sand

Gallup 16th:
6230'-6442'- with 24,
0.40" holes. Frac Gallup
16th stage with 207,272#,
20/40 PSA Sand

Gallup 15th:
6542'-6758'- with
24, 0.40" holes.
Frac Gallup 15th
stage with
269,073#, 20/40
PSA Sand



See page 1 for upper portion of hole

