

NE CHACO COM #268H CHACO UNIT NE HZ (OIL)(page 1)

Spud: 9/11/14

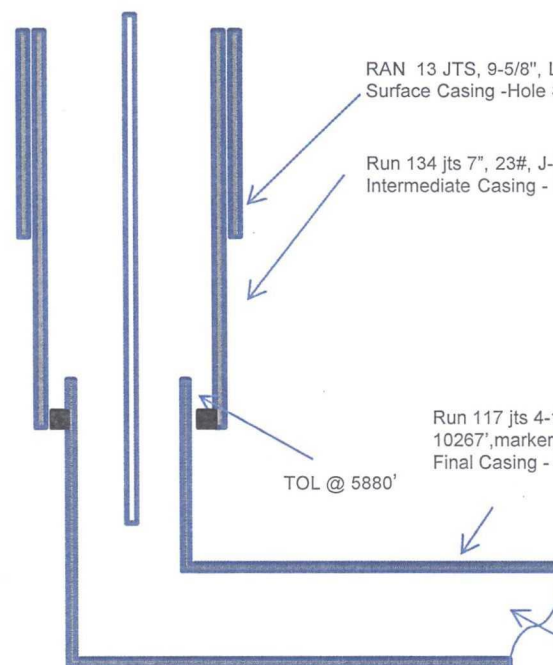
Completed: 2/14/15

SHL: 1474' FSL & 209' FWL
NW/4 SW/4 Section 8(L), T23N, R6W

BHL: 1499' FSL & 231' FEL
NE/4 SE/4 Section 8 (I), T23N, R 6W

RIO ARRIBA NM
Elevation: 6832'
API: 30-039-31281

Tops	MD	TVD
Ojo Alamo	1345	1337
Kirtland	1663	1647
Picture Cliffs	1959	1936
Lewis	2074	2049
Chacra	2406	2376
Cliff House	3487	3440
Menefee	3541	3493
Point Lookout	4262	4202
Mancos	4485	4420
Gallup	4904	4830



TD: 10378' MD
TVD: 5517'
PBTD: 10274' MD

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 sx	222 cu.ft.	Surface
8-3/4"	7"	992 sx	1425 cu. ft.	Surface
6-1/8"	4-1/2"	360 sx	500 cu. ft.	TOL 5880'

Land well @ EOT @ 6172', mule shoe, install gas lift:
1jt 2 3/8 J-55 tubing, 1.87XN-nipple at 6140.34, 1 jt 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 5849.74, 1-4' pup jt 2-7/8"-6.5#-J55, 1 jt 2-7/8"-6.5#-J55 Tubing, GLV # 1, 9 jts, 2.31" X-nipple at 5508.49, 15 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, 16 jts 2-7/8 6.5# J55 tubing, GLV # 5, 15 jts 2-7/8 J55 tubing, GLV # 6, 16 jts 2-7/8 J55 tubing, GLV # 7, 18 jts 2-7/8 J55 tubing, GLV # 8, 24 jts 2-7/8 J55 tubing, GLV # 9, 35 jts 2-7/8 J55 tubing, TUBING HANGER, KB 14.5'.

CONFIDENTIAL



Lg 2/17/15

AV

2

NE CHACO COM #268H
CHACO UNIT NE HZ (OIL)(page 2 – lateral with completion)

Gallup 1st:
10082'-10207' +
RSI TOOL
@10269' with
229,916 # 20/40
PSA Sand

Gallup 4th:
9224'-9410'-
with 24, 0.40"
holes. Frac
Gallup 4th stage
with 213,810#,
20/40 PSA
Sand

Gallup 3rd:
9510'-9696'- with
24, 0.40" holes.
Frac Gallup 3rd
stage with
221,136#, 20/40
PSA Sand

Gallup 2nd:
9796'-9982'-
with 24 total,
0.40" holes.
Frac Gallup 2nd
stage with
219,623#, 20/40
PSA Sand

Gallup 5th:
8938'-9124'-with
24, 0.40" holes.
Frac Gallup 5th
stage with
219,869#, 20/40
PSA Sand

Gallup 7th:
8336'-8552'-
with 24, 0.40"
holes. Frac
Gallup 7th
stage with
209,462# ,
20/40 PSA
Sand

Gallup 6th:
8652'-8839'-
with 24, 0.40"
holes. Frac
Gallup 6th stage
with 213,710# ,
20/40 PSA
Sand

Gallup 8th:
8040'-8231'- with 24,
0.40" holes. Frac Gallup
8th stage with 221,498#,
20/40 PSA Sand

Gallup 9th:
7744'-7931'- with
24, 0.40"
holes. Frac Gallup
9th stage with
224,908#, 20/40
PSA Sand

Gallup 10th:
7458'-7644'-
with 24, 0.40"
holes. Frac
Gallup 10th
stage with
244,005#,
20/40 PSA
Sand

Gallup 11th:
7133'-7358'- with 24,
0.40" holes. Frac
Gallup 11th stage with
269,220#, 20/40 PSA
Sand

Gallup 12th:
6796'-7027'- with
24, 0.40" holes.
Frac Gallup 12th
stage with 269,734#
20/40 PSA Sand

Gallup 13th:
6465'-6696'- with
24, 0.40" holes.
Frac Gallup 13th
stage with
236,438#, 20/40
PSA Sand

Gallup 14th:
6211'-6366'-
with 24, 0.40"
holes. Frac
Gallup 14th
stage with
261,601#, 20/40
PSA Sand

RECEIVED

FEB 23 2015

NMOCD
DISTRICT III

See page 1 for upper portion of hole