

CHACO 2408 32P #114H
NAGEEZI GALLUP Horizontal

(page 1)

Spud: 1/4/13

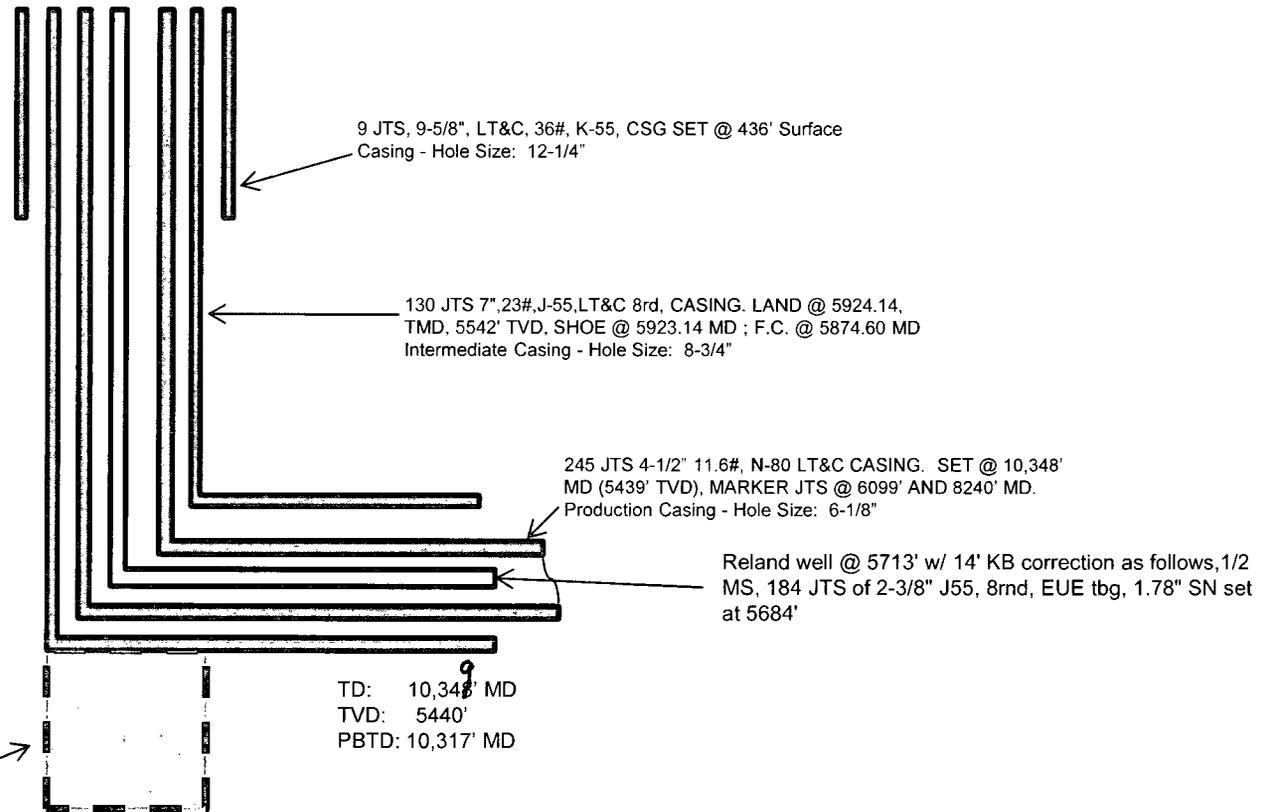
Completed: 4/4/13

Surface Location: 1203' FSL & 382' FEL
 SE/2 SE/2 Section 32 (P), T24N, R8W

BHL: 2258' FSL & 391' FWL
 NW SWSection 32, T24N, R 8W

San Juan Co., NM
Elevation: 7017' GR
API: 30-045-35441

Tops	MD	TVD
Ojo Alamo	1161'	1142'
Kirtland	1350'	1331'
Pictured Cliffs	1870'	1894'
Lewis	1970'	1955'
Chacra	2239'	2203'
Cliff House	3336'	3323'
Menefee	3374'	3385'
Point Lookout	4242'	4196'
Mancos	4452'	4448'
Gallup	4798'	4764'



HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	240 sx	281 cu.ft.	*Surface
8-3/4"	7"	780 sx	177 cu.ft.	Not Reported
6-1/8"	4-1/2"	508 sx	562 cu ft.	2900' (CBL)

Lg 4/10/13

AV

CHACO 2408 32P #114H
NAGEEZI GALLUP Horizontal

(page 2 – lateral with completion)

Gallup 18th:
 6,195'-6,029'
 with 24, 0.40"
 holes. Frac
 Mancos 18th
 stage with
 255,704# ,
 20/40 Arizona
 Sand

Gallup 16th:
 6,707'-6,550'
 with 24, 0.40"
 holes. Frac
 Mancos 16th
 stage with
 216,234# ,
 20/40 Arizona

Gallup 14th:
 7,207'-7,019' with
 24, 0.40" holes.
 Frac Mancos 14th
 stage with
 212,057# , 20/40
 Arizona Sand

Gallup 11th:
 7,898'-7,777' with
 24, 0.40" holes.
 Frac Mancos 11th
 stage with
 162,035# , 20/40
 Arizona Sand

Gallup 6th:
 9,041'-8,869'
 with 24, 0.40"
 holes. Frac
 Mancos 6th
 stage with
 168,140# ,
 20/40 Arizona
 Sand

Gallup 4th:
 9,455'-9,321'
 with 24, 0.40"
 holes. Frac
 Mancos 4th
 stage with
 155,866# ,
 20/40 Arizona
 Sand

Gallup 1st:
 10,224'-10,079'
 stage with
 181,700# 20/40
 Arizona sand

Gallup 17th:
 6,469'-6,288'
 with 24, 0.40"
 holes. Frac
 Mancos 17th
 stage with
 199,746# ,
 20/40 Arizona
 Sand

Gallup 15th:
 6,955'-6,801' with
 24, 0.40" holes.
 Frac Mancos 15th
 stage with
 208,500# , 20/40
 Arizona Sand

Gallup 13th:
 7,467'-7,263' with 24,
 0.40" holes. Frac Mancos
 13th stage with 167,291# ,
 20/40 Arizona Sand

Gallup 12th:
 7,697'-7,528' with
 24, 0.40" holes.
 Frac Mancos 12th
 stage with 166,068#
 , 20/40 Arizona
 Sand

Gallup 10th:
 8,119'-7,959' with
 24, 0.40" holes.
 Frac Mancos 10th
 stage with 166,667#
 , 20/40 Arizona
 Sand

Gallup 8th:
 8,565'-8,429' with
 24, 0.40" holes.
 Frac Mancos 8th
 stage with
 168,040# , 20/40
 Arizona Sand

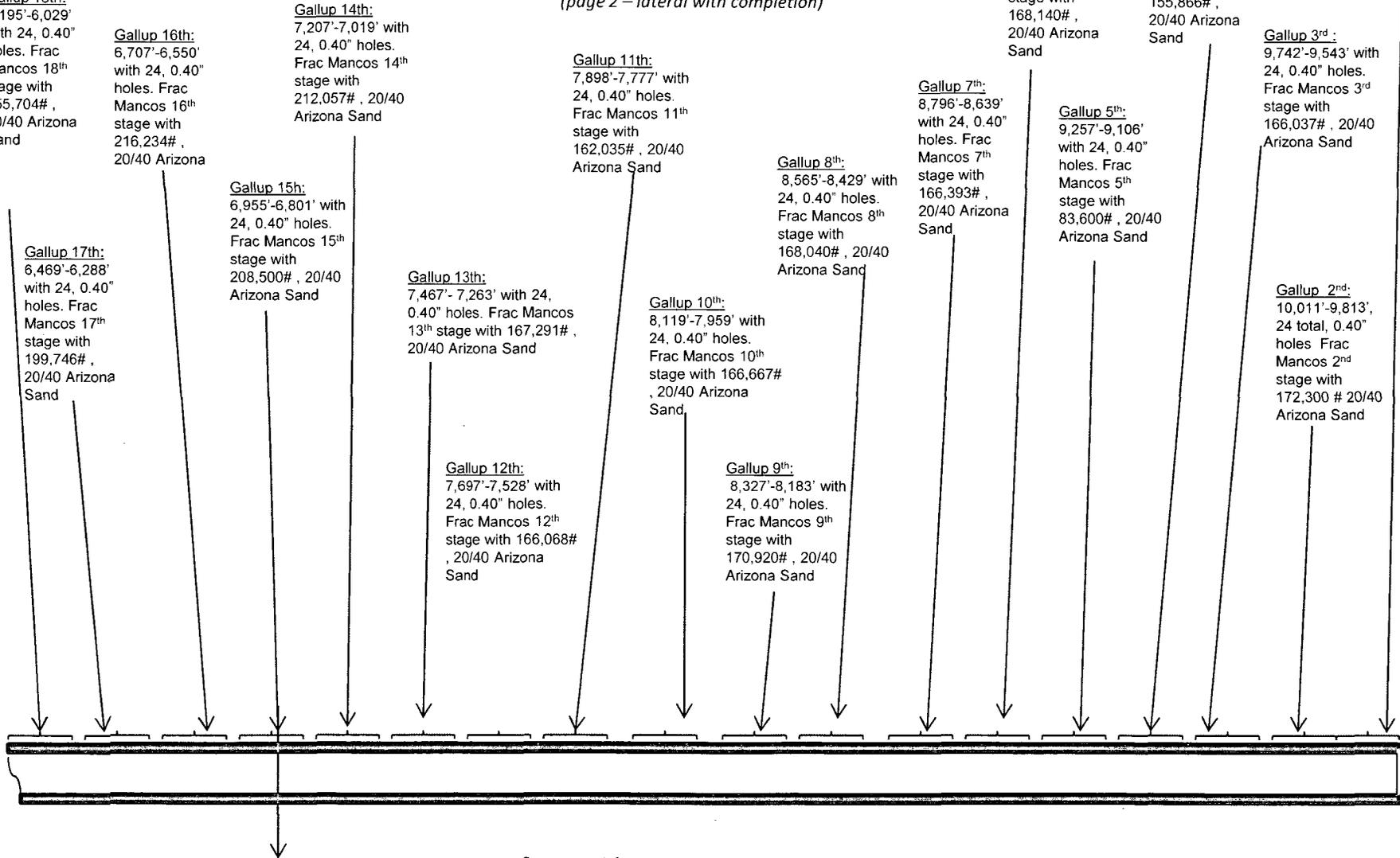
Gallup 9th:
 8,327'-8,183' with
 24, 0.40" holes.
 Frac Mancos 9th
 stage with
 170,920# , 20/40
 Arizona Sand

Gallup 7th:
 8,796'-8,639'
 with 24, 0.40"
 holes. Frac
 Mancos 7th
 stage with
 166,393# ,
 20/40 Arizona
 Sand

Gallup 5th:
 9,257'-9,106'
 with 24, 0.40"
 holes. Frac
 Mancos 5th
 stage with
 83,600# , 20/40
 Arizona Sand

Gallup 3rd :
 9,742'-9,543' with
 24, 0.40" holes.
 Frac Mancos 3rd
 stage with
 166,037# , 20/40
 Arizona Sand

Gallup 2nd:
 10,011'-9,813',
 24 total, 0.40"
 holes Frac
 Mancos 2nd
 stage with
 172,300 # 20/40
 Arizona Sand



See page 1 for upper portion of hole