

CHACO 2308 16I #147H
NAGEEZI GALLUP/BASIN MANCOS Horizontal
 (page 1)

Spud: 2/20/13

Completed: 5/7/13

OIL CONS. DIV DIST. 3

MAY 16 2013

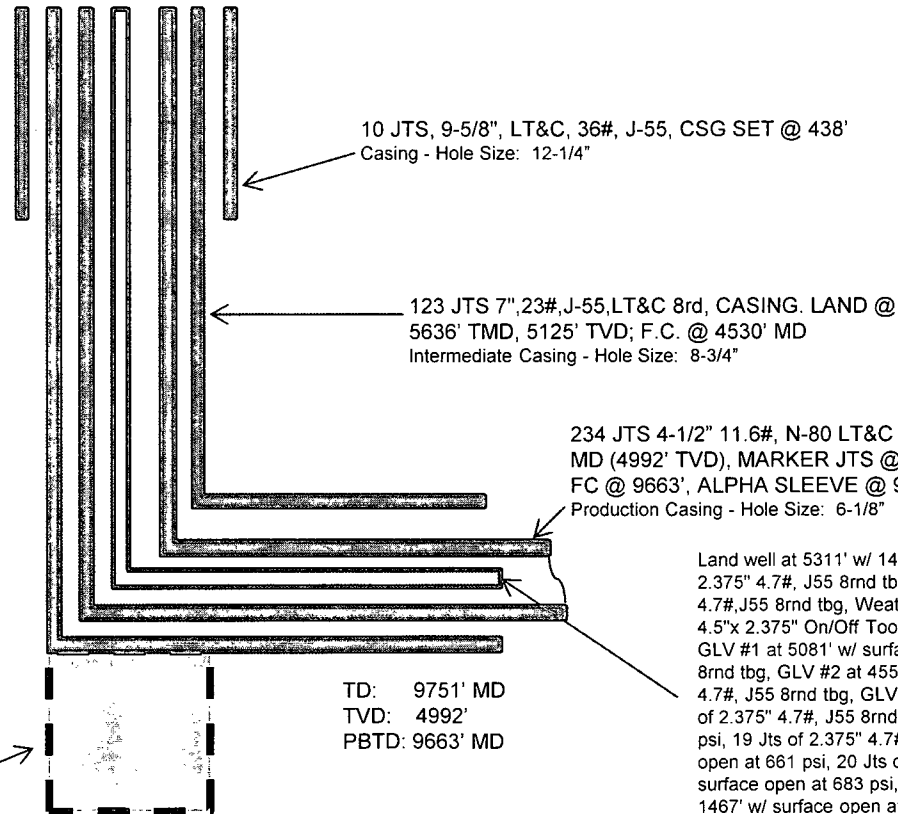
Surface Location: 1491' FSL & 248' FEL
 NE/4 SE/4 Section 16 (I), T23N, R8W

BHL: 2291' FSL & 378' FWL
 NW/4 SW/4 Section 16 (L), T23N, R 8W

San Juan Co., NM
Elevation: 6858' GR
API: 30-045-35439

Tops	MD	TVD
Ojo Alamo	834'	834'
Kirtland	983'	983'
Pictured Cliffs	1443'	1437'
Chacra	1830'	1810'
Menefee	3000'	2937'
Point Lookout	3910'	3819'
Mancos	4115'	4020'
Gallup	4452'	4357'

8-3/4" pilot hole TD @
 5675' drilled for logs,
 Plugged back to 4537'.



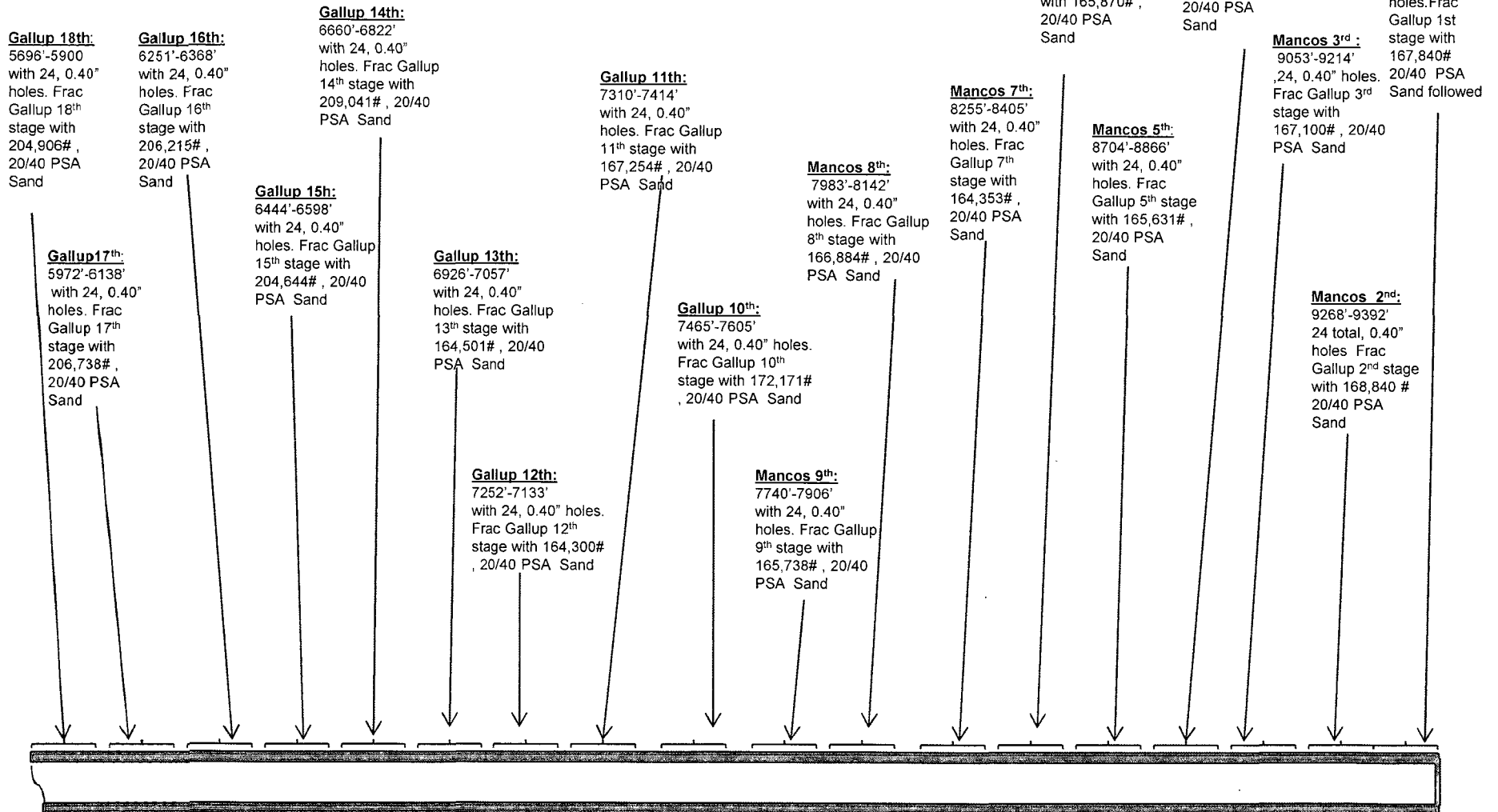
234 JTS 4-1/2" 11.6#, N-80 LT&C CASING. SET @ 9748'
 MD (4992' TVD), MARKER JTS @ 7760' AND 5731' MD,
 FC @ 9663', ALPHA SLEEVE @ 9615'
 Production Casing - Hole Size: 6-1/8"

Land well at 5311' w/ 14.5' KB as follows, 1/2 MS, 170 jts total, 1 Jt 2.375" 4.7#, J55 8rnd tbg, 1.78" R-Nipple w/ no go, 2 Jts of 2.375" 4.7#, J55 8rnd tbg, Weatherford 4.5" Arrowset Production Pkr at 5209', 4.5"x 2.375" On/Off Tool, 1.81" SN, 4 Jts of 2.375" 4.7#, J55 8rnd tbg, GLV #1 at 5081' w/ surface open at 460 psi, 17 Jts of 2.375" 4.7#, J55 8rnd tbg, GLV #2 at 4551' w/ surface open at 592 psi, 20 Jts of 2.375" 4.7#, J55 8rnd tbg, GLV #3 at 3927' w/ surface open at 620 psi, 20 Jts of 2.375" 4.7#, J55 8rnd tbg, GLV #4 at 3303' w/ surface open at 642 psi, 19 Jts of 2.375" 4.7#, J55 8rnd tbg, GLV #5 at 2714' w/ surface open at 661 psi, 20 Jts of 2.375" 4.7#, J55 8rnd tbg, GLV #6 at 2090' w/ surface open at 683 psi, 20 Jts of 2.375" 4.7#, J55 8rnd tbg, GLV #7 at 1467' w/ surface open at 700 psi, 47 Jts of 2.375" 4.7#, J55 8rnd tbg

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	240 sx	281 cu.ft.	Surface
8-3/4"	7"	920 sx	1289 cu.ft.	Surface
6-1/8"	4-1/2"	394 sx	Foamed CMT	3680' (CBL)

Lg 5/14/13

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(page 2 – lateral with completion)



See page 1 for upper portion of hole