

Chaco 2306-19E #189H LYBROOK GALLUP Horizontal

(page 1)

Spud: 4/7/14

Completed: 8/19/14

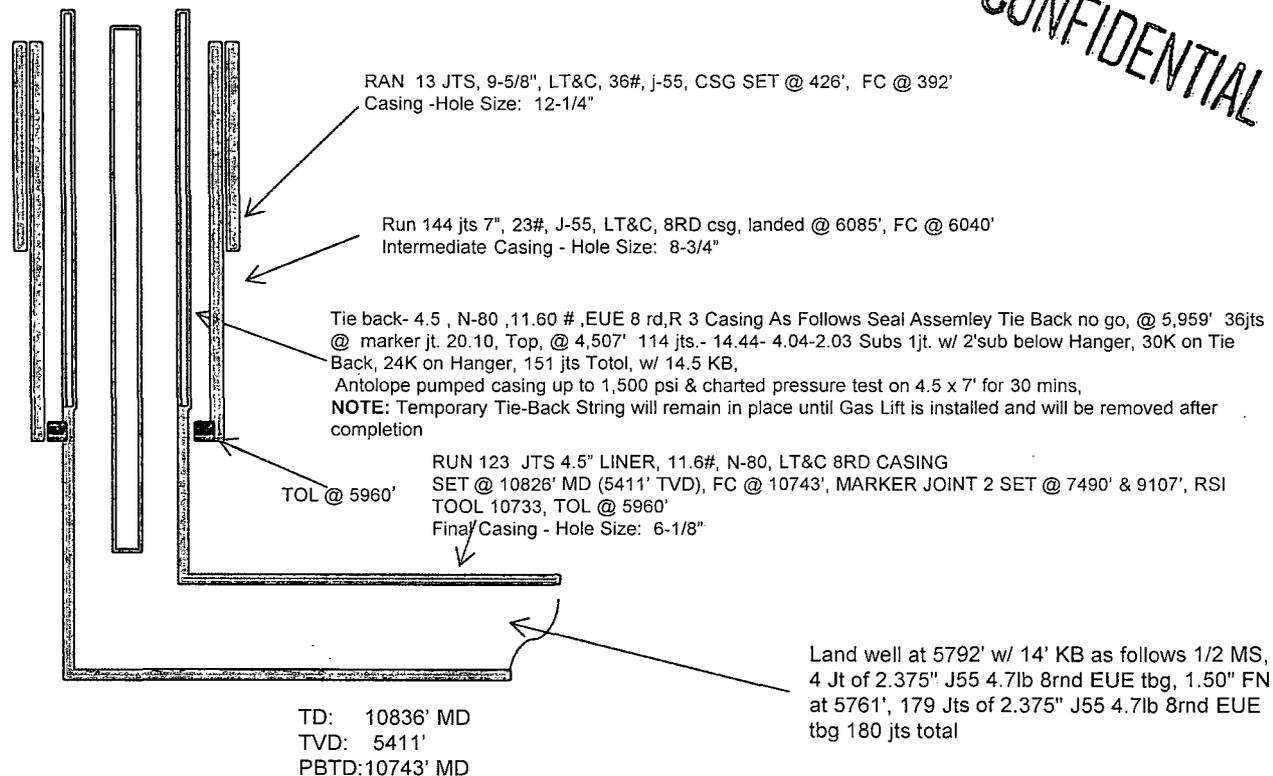
RCOUD SEP 23 '14
OIL CONS. DIV.
DIST. 3
CONFIDENTIAL

SHL: 1757' FNL & 303' FWL
SW/4 NW/4 Section 19 (E), T23N, R6W

BHL: 2196' FNL & 227' FWL
SW/4 NW/4 Section 24 (E), T23N, R 7W

SANDOVAL NM
Elevation: 6965'
API: 30-043-21188

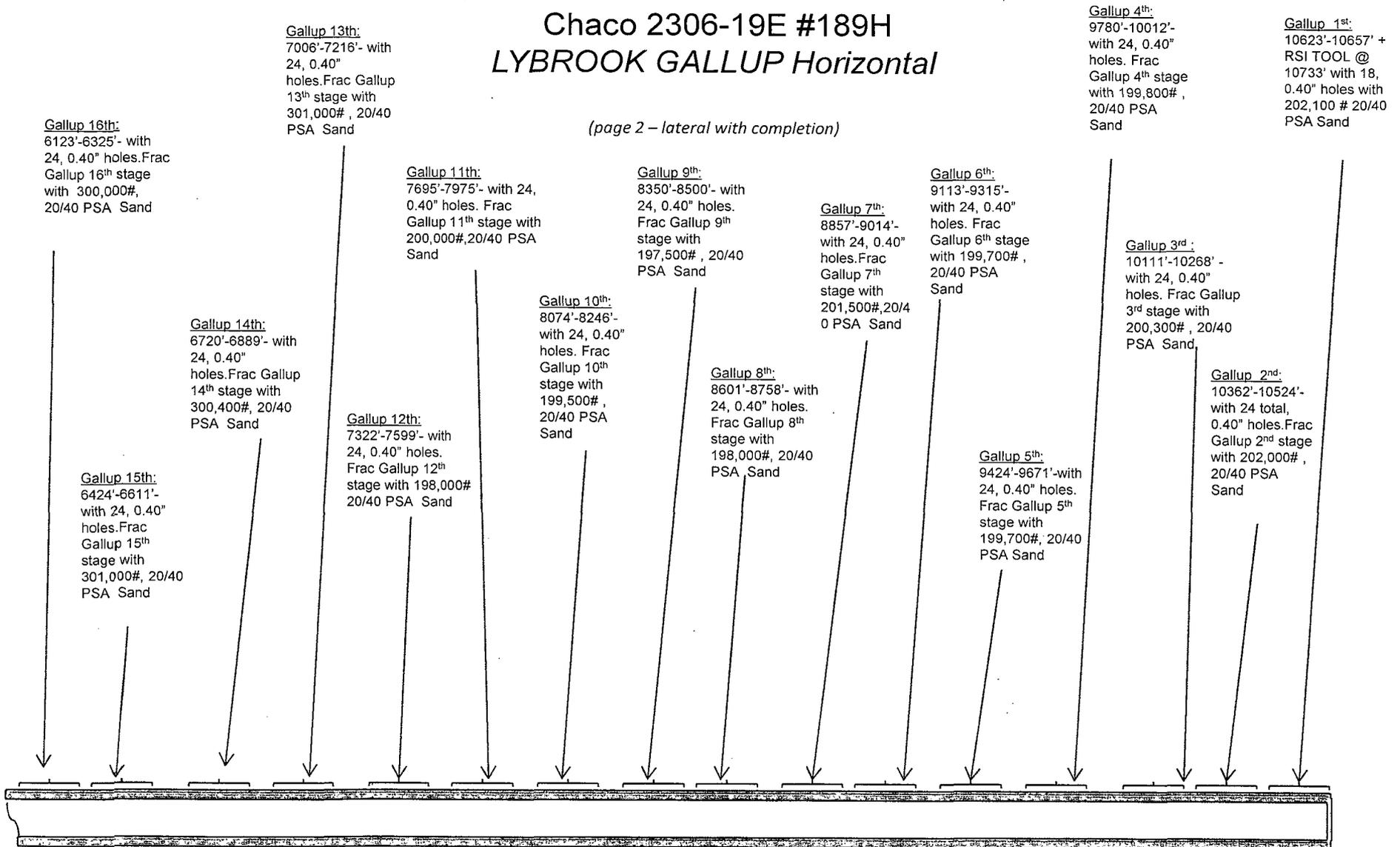
Tops	MD	TVD
Ojo Alamo	1324'	1314'
Kirtland	1628'	1604'
Pictured Cliffs	1950'	1907'
Lewis	2052'	2002'
Chacra	2393'	2320'
Cliff House	3573'	3412'
Menefee	3595'	3433'
Point Lookout	4367'	4178'
Mancos	4555'	4364'
Gallup	4975'	4783'



HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 sx	222 cu.ft.	Surface
8-3/4"	7"	842 sx	1249 cu. ft.	Surface
6-1/8"	4-1/2"	390 sx	553 cu. ft.	TOL 5960'

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(page 2 – lateral with completion)



See page 1 for upper portion of hole

ROUND SEP 23 '14
OIL CONS. DIV.

DIST. 3