

CHACO 2206-02H #225H
LYBROOK GALLUP Horizontal
 (page 1)

Spud: 7/6/13
 Completed: 8/28/13

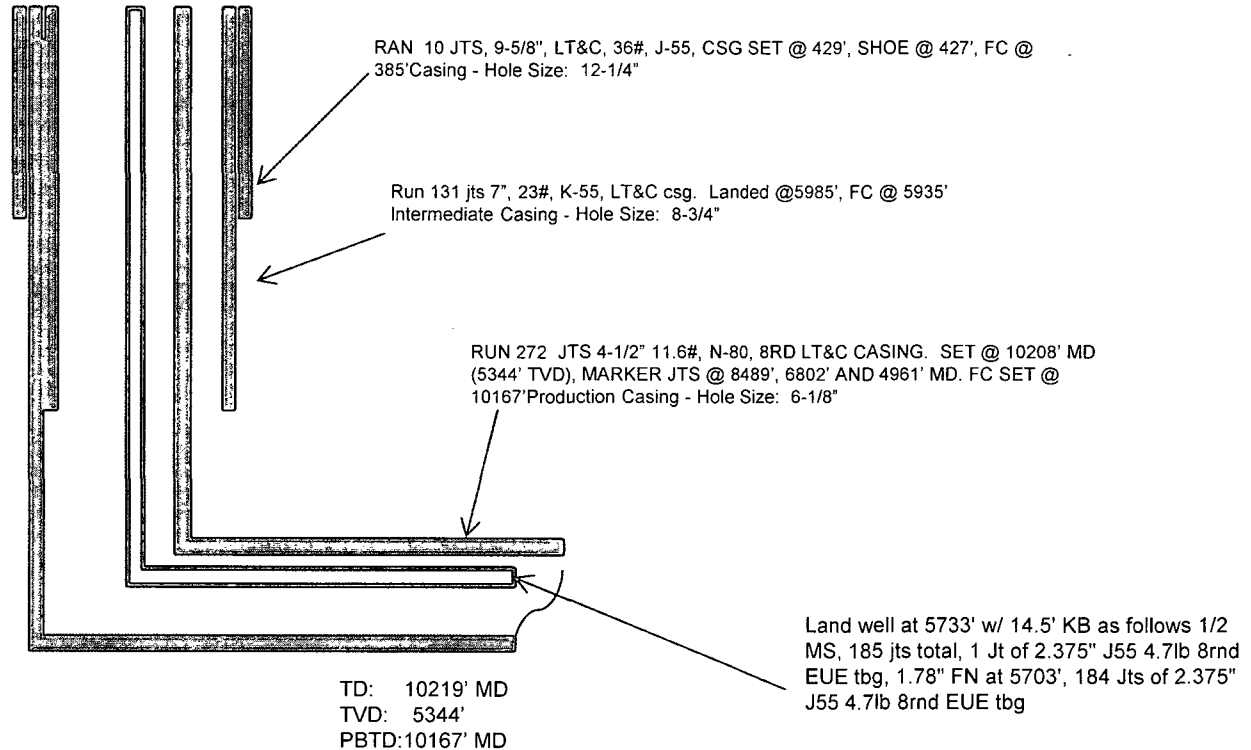
RCVD AUG 29 '13
OIL CONS. DIV.
DIST. 3

Surface Location: 1666' FNL & 278' FEL
 SE/4 NE/4 Section 2 (H), T22N, R6W

BHL: 592' FNL & 280' FWL
 NW/4 NW/4 Section 2 (D), T22N, R 6W

SANDOVAL Co., NM
Elevation: 6949' GR
API: 30-043-21149

<i>Tops</i>	<i>MD</i>	<i>TVD</i>
Ojo Alamo	1325'	1316'
Kirtland	1619'	1595'
Pictured Cliffs	1892'	1849'
Lewis	2015'	1962'
Chacra	2354'	2275'
Cliff House	3553'	3385'
Menefee	3588'	3417'
Point Lookout	4332'	4114'
Mancos	4524'	4302'
Gallup	4910'	4686'



CONFIDENTIAL

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	256 sx	299 cu.ft.	Surface
8-3/4"	7"	940 sx	1297 cu. ft.	Surface
6-1/8"	4-1/2"	460 sx	669 cu. ft.	1370' TOC

Lg 8/29/13

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Gallup 14th:
6005'-6200'-
with 32, 0.40"
holes. Frac Gallup
14th stage with
253,700# , 20/40
PSA Sand

Gallup 13th:
6248'-6513'-
with 32, 0.40"
holes. Frac Gallup
13th stage with
255,500# , 20/40
PSA Sand

Gallup 12th:
6564'-6784'-
with 32, 0.40"
holes. Frac Gallup
12th stage with
262,000# , 20/40
PSA Sand

Gallup 11th:
6878'-7138'-
with 32, 0.40"
holes. Frac Gallup
11th stage with
262,500# , 20/40
PSA Sand

Gallup 10th:
7225'-7447'-
with 32, 0.40"
holes. Frac Gallup
10th stage with
214,500# ,
20/40 PSA
Sand

Gallup 9th:
7549'-7765'-
with 32, 0.40"
holes. Frac Gallup
9th stage with
214,500# , 20/40
PSA Sand

Gallup 8th:
7835'-8066'-
with 32, 0.40"
holes. Frac Gallup
8th stage with
213,000# , 20/40
PSA Sand

Gallup 7th:
8125'-8322'-
with 32, 0.40"
holes. Frac
Gallup 7th
stage with
213,500# ,
20/40 PSA
Sand

Gallup 6th:
8390'-8646'-
with 32, 0.40"
holes. Frac
Gallup 6th stage
with 215,500# ,
20/40 PSA
Sand

Gallup 5th:
8714'-8944'-
with 32, 0.40"
holes. Frac
Gallup 5th stage
with 214,500# ,
20/40 PSA
Sand

Gallup 4th:
9014'-9230'-
with 32, 0.40"
holes. Frac
Gallup 4th stage
with 214,000# ,
20/40 PSA
Sand

Gallup 1st:
9916'-10162'-
with 214,500#
20/40 PSA
Sand

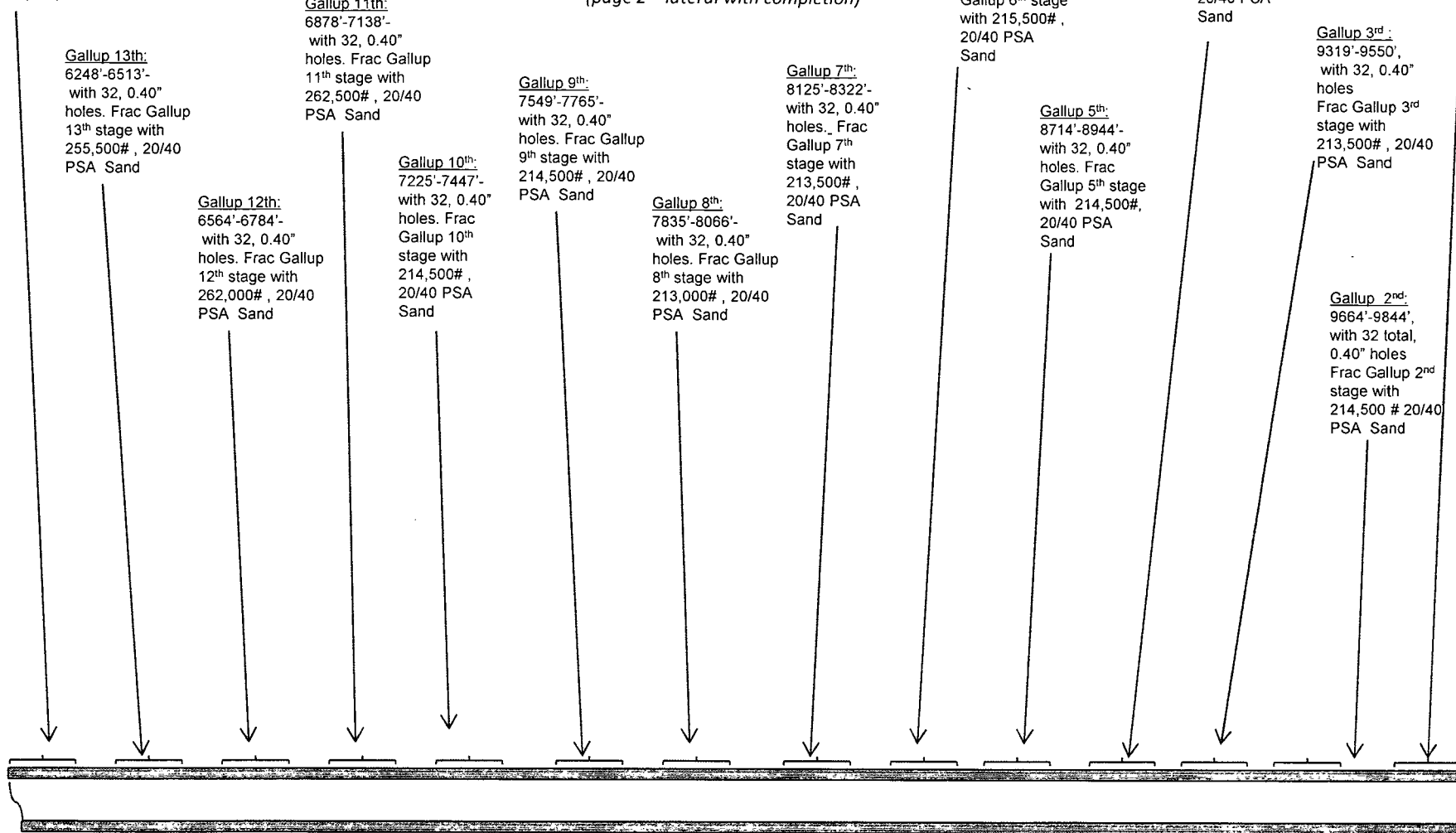
Gallup 3rd:
9319'-9550',
with 32, 0.40"
holes
Frac Gallup 3rd
stage with
213,500# , 20/40
PSA Sand

Gallup 2nd:
9664'-9844',
with 32 total,
0.40" holes
Frac Gallup 2nd
stage with
214,500 # 20/40
PSA Sand

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LYBROOK GALLUP Horizontal

(page 2 – lateral with completion)



See page 1 for upper portion of hole