

CHACO 2308-04D #282H

Nageezi Gallup / Basin Mancos (page 1)

Spud: 1/7/15

Completed: 4/15/15

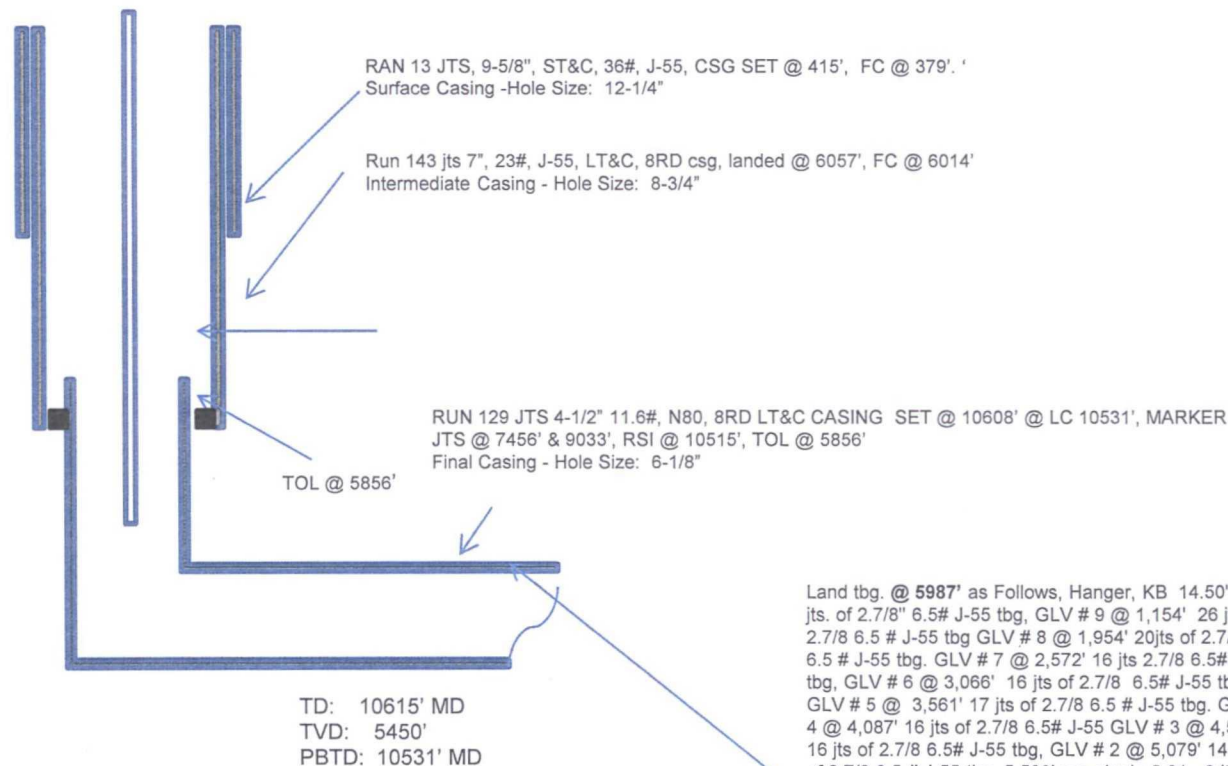
SHL: 480' FNL & 777' FWL
NW/4 NW/4 Section 4 (D), T23N, R8W

BHL: 385' FNL & 240' FWL
NW/4 NW/4 Section 5 (D), T23N, R 8W

SAN JUAN NM
Elevation: 7078
API: 30-045-35616

Tops	MD	TVD
Ojo Alamo:	1261'	1158'
Kirtland:	1419'	1412'
Picture Cliffs:	1886'	1875'
Lewis:	2016'	2004'
Chacra:	2278'	2264'
Cliff House:	3378'	3357'
Menefee:	3423'	3402'
Point Lookout:	4283'	4257'
Mancos:	4497'	4470'
Gallup:	4851'	4823'

CONFIDENTIAL



HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 sx	222 cu.ft.	Surface
8-3/4"	7"	1187 sx	1622 cu.ft.	Surface
6-1/8"	4-1/2"	380 sx	538 cu. ft.	TOL 5856'

Land tbg. @ 5987' as Follows, Hanger, KB 14.50' 37
jts. of 2.7/8" 6.5# J-55 tbg, GLV # 9 @ 1,154' 26 jts of
2.7/8 6.5 # J-55 tbg GLV # 8 @ 1,954' 20jts of 2.7/8
6.5 # J-55 tbg. GLV # 7 @ 2,572' 16 jts 2.7/8 6.5# J-55
tbg, GLV # 6 @ 3,066' 16 jts of 2.7/8 6.5# J-55 tbg,
GLV # 5 @ 3,561' 17 jts of 2.7/8 6.5 # J-55 tbg. GLV #
4 @ 4,087' 16 jts of 2.7/8 6.5# J-55 GLV # 3 @ 4,583'
16 jts of 2.7/8 6.5# J-55 tbg, GLV # 2 @ 5,079' 14 jts
of 2.7/8 6.5 # J-55 tbg, 5,509' pro-nipple 2.31 , 9 jts of
2.7/8 6.5 # J-55 tbg, GLV # 1 @ 5,789' 1 jt of 2.7/8 6.5
J-55 tbg. @ 5,822' 4' Pup jt, 7"X 2.7/8 T-2 ON & Off
Tool,w/ 2.25 F-Nipple, @ 5,824 (7.0"X 2.7/8 Arrowset
1- X Carbide packer, @ 5,831' X over 4 jts 2.375
tbg, @ 5,954' 2.375 X 1.87 " X N- Nipple' @ 5,956' 1jt
of 2.375 4.7# J-55 tbg, @ 5,987' 2.375 1/2 Mull shoe
@ 5,987' EOT .(Packer was set at 10 K tension.)
Total 188 jt 2.7/8 6. 5# J-55 8rd tbg, Total 5 jt
2.375 4.7# J-55 eue 8 rd, 72% Degrees,

Lg 4/21/15

OIL CONS. DIV DIST. 3

APR 28 2015

fv

2

CHACO 2308-04D #282H Nageezi Gallup / Basin Mancos (page 1) (page 2 – lateral with completion)

Mancos 15th:
 6113'-6329'- with
 24, 0.40" holes.
 Frac Gallup 15th
 stage with
 263,317#, 20/40
 PSA Sand

Mancos 13th:
 6745'-6961'- with
 24, 0.40" holes.
 Frac Gallup 13th
 stage with
 264,289#, 20/40
 PSA Sand

Mancos 11th:
 7377'-7563'- with 24,
 0.40" holes.
 Frac Gallup 11th
 stage with 262,844#,
 20/40 PSA Sand

Gallup 8th:
 8235'-8436'- with 24,
 0.40" holes. Frac Gallup
 8th stage with 215,796#,
 20/40 PSA Sand

Gallup 6th:
 8837'-9038'-
 with 24, 0.40"
 holes. Frac
 Gallup 6th stage
 with 215,161# ,
 20/40 PSA
 Sand

Gallup 4th:
 9439'-9640'-
 with 24, 0.40"
 holes. Frac
 Gallup 4th stage
 with 216,425#,
 20/40 PSA
 Sand

Gallup 1st:
 10327'-10452' +
 RSI TOOL @
 10513' with
 164,076# 20/40
 PSA Sand

Mancos 14th:
 6429'-6649'-
 with 24, 0.40"
 holes. Frac
 Gallup 14th
 stage with
 263,404#, 20/40
 PSA Sand

Mancos 12th:
 7061'-7277'- with
 24, 0.40" holes.
 Frac Gallup 12th
 stage with 262,848#
 20/40 PSA Sand

Mancos 9th:
 7949'-8135'- with
 24, 0.40" holes.
 Frac Gallup 9th
 stage with
 214,534#, 20/40
 PSA Sand

Gallup 7th:
 8536'-8737'-
 with 24, 0.40"
 holes. Frac
 Gallup 7th
 stage with
 215,444# ,
 20/40 PSA
 Sand

Gallup 5th:
 9138'-9339'-with
 24, 0.40" holes.
 Frac Gallup 5th
 stage with
 215,6180#,
 20/40 PSA
 Sand

Gallup 3rd :
 9740'-9939'- with
 24, 0.40" holes.
 Frac Gallup 3rd
 stage with
 219,024#, 20/40
 PSA Sand

Gallup 2nd:
 10041'-
 10227'- with
 24 total, 0.40"
 holes. Frac
 Gallup 2nd
 stage with
 215,595#,
 20/40 PSA
 Sand

See page 1 for upper portion of hole