

NE CHACO COM #292H

Chaco Unit NE HZ (oil) (page 1)

Spud: 6/16/14

Completed: 10/16/14

OIL CONS. DIV DIST. 3

OCT 30 2014

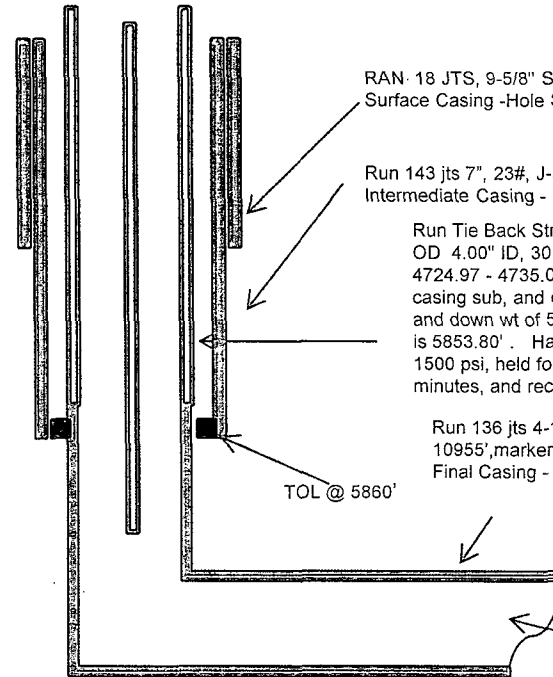
CONFIDENTIAL

SHL: 275' FSL & 197' FWL
SW/4 SW/4 Section 18(M), T23N, R6W

BHL: 1937' FSL & 139' FEL
NE/4 SE/4 Section 14 (I), T23N, R 7W

RIO ARRIBA., NM
Elevation: 6938'
API: 30-039-3123 7

Tops	MD	TVD
Ojo Alamo	1355'	1353'
Kirtland	1623'	1620'
Pictured Cliffs	1931'	1926'
Lewis	1998'	1993'
Chacra	2334'	2328'
Cliff House	3419'	3408'
Menefee	3433'	3421'
Point Lookout	4230'	4214'
Mancos	4388'	4372'
Gallup	4808'	4790'



RAN 18 JTS, 9-5/8" ST&C 36# L/S, CSG SET @ 401', FC @ 354"
Surface Casing - Hole Size: 12-1/4"

Run 143 jts 7", 23#, J-55, LT&C, 8RD csg, landed @ 5989', FC @ 5944'
Intermediate Casing - Hole Size: 8-3/4"

Run Tie Back String-No-Go, and 4 1/2" 11.6# N80 casing as follows; Seal Assembly with No-Go 5.85" OD 4.00" ID, 30 Jts 4 1/2" 11.6# N80 casing, 10.07' X 4 1/2" 11.6# N80 casing sub/ Marker Jt set @ 4724.97 - 4735.04', 125 Jts 4 1/2" 11.6# N80 casing, 8' casing sub, 1 Jt 4 1/2" 11.6# N80 casing, 1 X 2' casing sub, and casing hanger. Total length of all Tubulars ran in well = 5840.40'. Had an up wt of 68K and down wt of 58K. Landed with 40K on liner top and leaving 18K on hanger. Total with KB difference is 5853.80'. Had a difference of 5.74' from liner hanger depth @ 5859' Antelope tested 4 1/2" casing to 1500 psi, held for 30 minutes, and recorded on chart. Antelope tested 4 1/2" X 7' to 1500 psi, held for 30 minutes, and recorded on chart. Good test

Run 136 jts 4-1/2", 11.6#, N-80, LT&C. CSG set @ 11055' (TVD 5443'), LC @ 10973', RSI tools 10955', marker jts @ 7542' & 9240', TOL @ 5860'
Final Casing - Hole Size: 6-1/8"

TOL @ 5860'

TD: 11064' MD
TVD: 5444'
PBSD: 10973' MD

Land well at 5716' w/ 14.5' KB as follows 1/2 MS, 1 Jt of 2.375" J55 4.7lb 8rnd EUE tbg, 1.50" FN at 5685', 182 Jts of 2.375" J55 4.7lb 8rnd EUE tbg 183 jts total

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 sx	222 cu.ft.	Surface
8-3/4"	7"	982 sx	1425 cu.ft.	Surface
6-1/8"	4-1/2"	430 sx	582 cu.ft.	TOL 5860'

Lg 10/23/14

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(page 2 – lateral with completion)

Gallup 1st: 10761'-
10906' + RSI TOOL
@ 10955' with
201,500 # 20/40
PSA Sand

Gallup 17th:
5996'-6178'- with 24,
0.40" holes. Frac Gallup
17th stage with
243,000#, 20/40 PSA
Sand

Gallup 15th:
6558'-6770'- with
24, 0.40" holes.
Frac Gallup 15th
stage with
246,140#, 20/40
PSA Sand

Gallup 13th:
7225'-7437'- with
24, 0.40"
holes. Frac Gallup
13th stage with
240,440#, 20/40
PSA Sand

Gallup 11th:
7885'-8067'- with 24,
0.40" holes. Frac
Gallup 11th stage with
203,000#, 20/40 PSA
Sand

Gallup 9th:
8445'-8624'- with
24, 0.40" holes.
Frac Gallup 9th
stage with
201,480#, 20/40
PSA Sand

Gallup 8th:
8725'-8907'- with 24,
0.40" holes. Frac Gallup
8th stage with 199,800#,
20/40 PSA Sand

Gallup 6th:
9355'-9543'-
with 24, 0.40"
holes. Frac
Gallup 6th stage
with 201,540#,
20/40 PSA
Sand

Gallup 3rd:
10200'-10383'-
with 24, 0.40"
holes. Frac Gallup
3rd stage with
198,100#, 20/40
PSA Sand

Gallup 2nd:
10481'-
'10660'- with
24 total, 0.40"
holes. Frac
Gallup 2nd
stage with
201,500#,
20/40 PSA
Sand

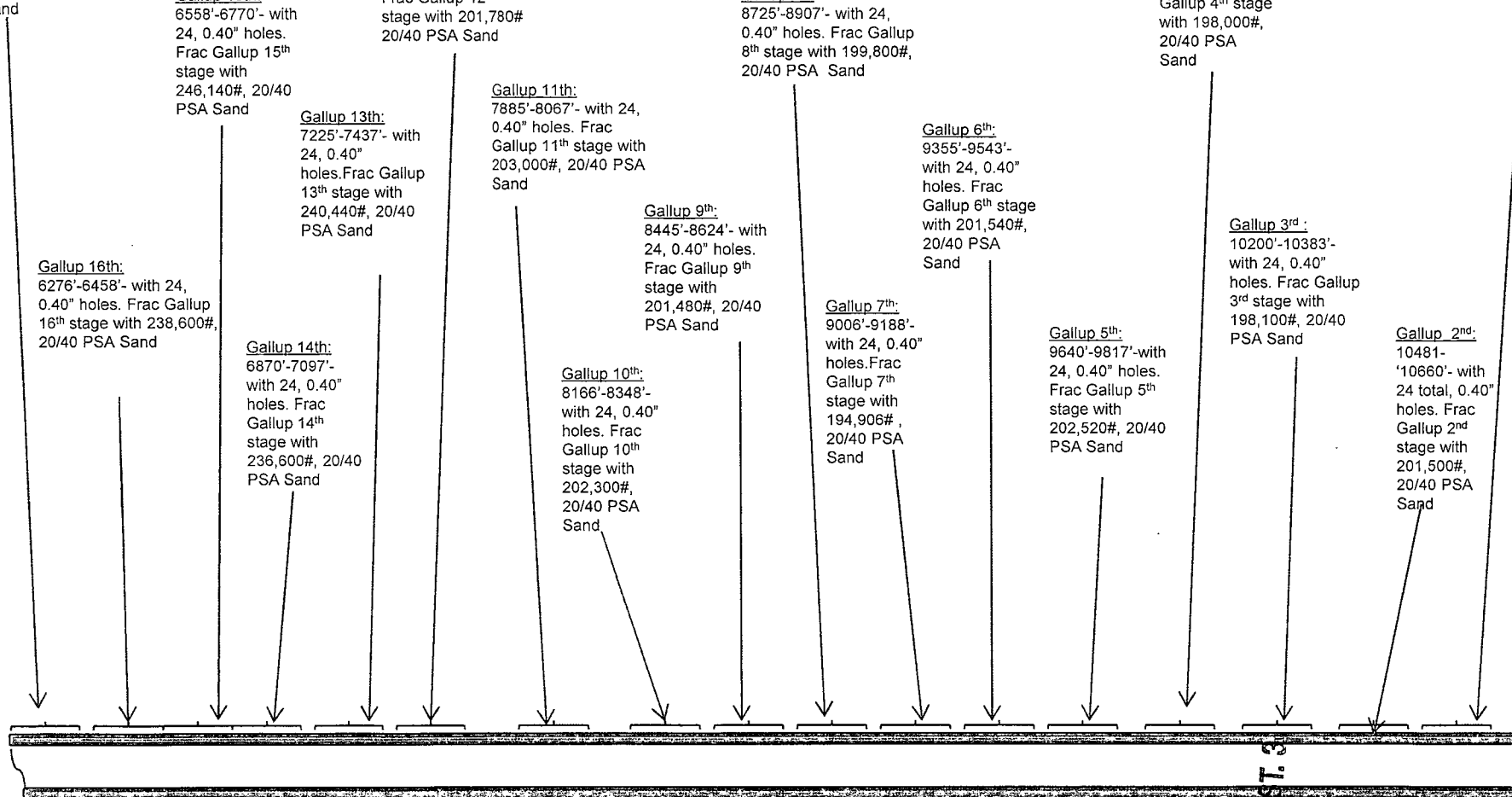
Gallup 5th:
9640'-9817'- with
24, 0.40" holes.
Frac Gallup 5th
stage with
202,520#, 20/40
PSA Sand

Gallup 7th:
9006'-9188'-
with 24, 0.40"
holes. Frac
Gallup 7th
stage with
194,906#,
20/40 PSA
Sand

Gallup 10th:
8166'-8348'-
with 24, 0.40"
holes. Frac
Gallup 10th
stage with
202,300#,
20/40 PSA
Sand

Gallup 14th:
6870'-7097'-
with 24, 0.40"
holes. Frac
Gallup 14th
stage with
236,600#, 20/40
PSA Sand

Gallup 16th:
6276'-6458'- with 24,
0.40" holes. Frac Gallup
16th stage with 238,600#,
20/40 PSA Sand



See page 1 for upper portion of hole

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