

S. Chaco UT #346H Lybrook Gallup

(page 1)

Spud: 4/17/15

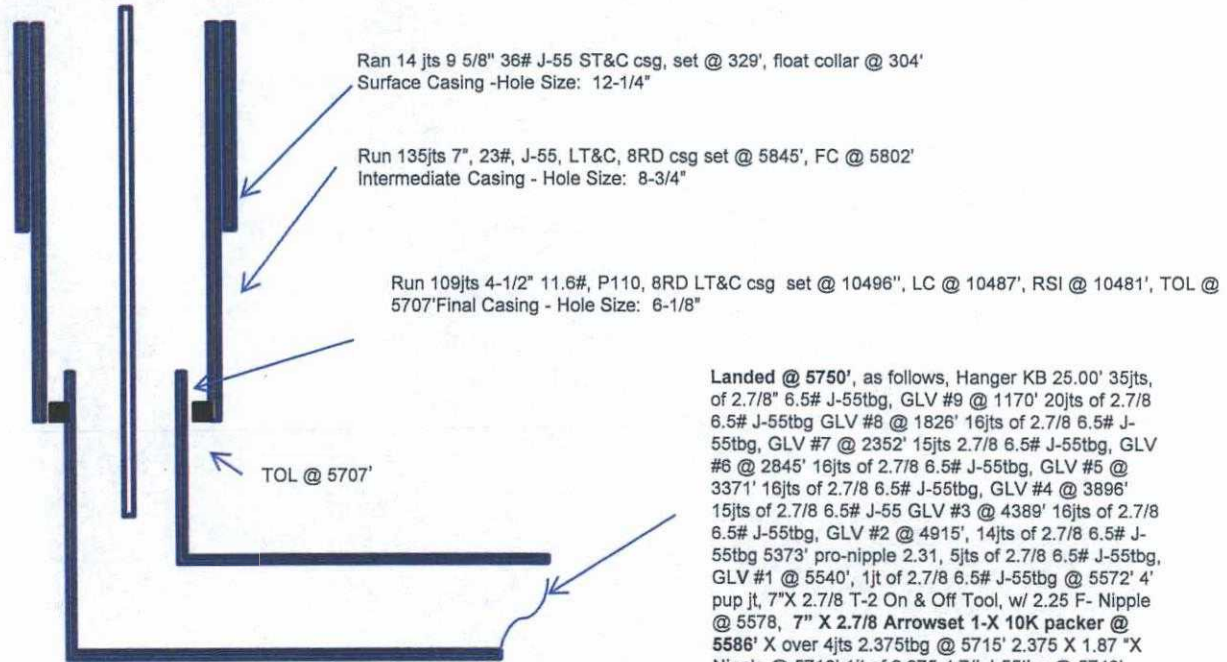
Completed: 8/2015

SHL: 1305' FNL & 200' FEL
NE/4 NE/4 Section 2(A), T22N, R7W

BHL: 1111' FNL & 333' FEL
NE/4 NE/4 Section 1 (A), T22N, R7W

Sandoval, NM
Elevation: 7034
API: 30-043-21241

Tops	MD	TVD
Ojo Alamo	1231	1223
Kirtland	1495	1480
Picture Cliffs	1811	1788
Lewis	1903	1878
Chacra	2227	2192
Cliff House	3362	3292
Menefee	3404	3333
Point Lookout	4130	4037
Mancos	4358	4259
Gallup	4724	4615



Landed @ 5750', as follows, Hanger KB 25.00' 35jts, of 2.7/8" 6.5# J-55tbg, GLV #9 @ 1170' 20jts of 2.7/8 6.5# J-55tbg GLV #8 @ 1826' 16jts of 2.7/8 6.5# J-55tbg, GLV #7 @ 2352' 15jts 2.7/8 6.5# J-55tbg, GLV #6 @ 2845' 16jts of 2.7/8 6.5# J-55tbg, GLV #5 @ 3371' 16jts of 2.7/8 6.5# J-55tbg, GLV #4 @ 3896' 15jts of 2.7/8 6.5# J-55 GLV #3 @ 4389' 16jts of 2.7/8 6.5# J-55tbg, GLV #2 @ 4915', 14jts of 2.7/8 6.5# J-55tbg 5373' pro-nipple 2.31, 5jts of 2.7/8 6.5# J-55tbg, GLV #1 @ 5540', 1jt of 2.7/8 6.5# J-55tbg @ 5572' 4' pup jt, 7" X 2.7/8 T-2 On & Off Tool, w/ 2.25 F- Nipple @ 5578, 7" X 2.7/8 Arrowset 1-X 10K packer @ 5586' X over 4jts 2.375tbg @ 5715' 2.375 X 1.87 "X Nipple @ 5716' 1jt of 2.375 4.7# J-55tbg @ 5748' 2.375 1/2 mule shoe @ 5750' EOT, Packe was set at 10K Compression, Total 169jts 2.7/8 6.5# J-55 8rd tbg, Total 5jt 2.375 4.7# J-55 EUE 8rd. Nipple down BOP. Set packer in tension. Landed tbg EOT @ 5750'. NU wellhead, RD.

TD: 10497' MD
TVD: 5328'
PBTD: 10487' MD

CONFIDENTIAL

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	127sx	203cu.ft.	Surface
8-3/4"	7"	1117 sx	1589cu. ft.	Surface
6-1/8"	4-1/2"	480sx	653cu. ft.	TOL 5707'

OIL CONS. DIV DIST. 3

SEP 03 2015

Mj 8/28/15

RV

3

S. Chaco UT 346H

Lybrook Gallup

(page 2 – lateral with completion)

Gallup 15th:
7552'-7398'- with
24, 0.40" holes.
Frac Gallup 15th
stage with
213,180#, 20/40
PSA Sand

Gallup 13th:
7966'-7810'- with
24, 0.40" holes.
Frac Gallup 13th
stage with
223,740#, 20/40
PSA Sand

Gallup 11th:
8378'-8222'- with 24,
0.40" holes. Frac
Gallup 11th stage with
218,600#, 20/40 PSA
Sand

Gallup 8th:
8996'-8840'- with 24,
0.40" holes. Frac Gallup
8th stage with 216,740#,
20/40 PSA Sand

Gallup 4th:
9820-9664'-
with 24, 0.40"
holes. Frac
Gallup 4th stage
with 213,387#,
20/40 PSA
Sand

Gallup 1st:
10416'-10292'-+
RSI TOOL @
10481' with
220,680# 20/40
PSA Sand

Gallup 9th:
8790'-8634'- with
24, 0.40" holes.
Frac Gallup 9th
stage with
220,550#, 20/40
PSA Sand

Gallup 6th:
9408'-9252'-
with 24, 0.40"
holes. Frac
Gallup 6th stage
with 215,260# ,
20/40 PSA
Sand

Gallup 3rd:
10026-9870'- with
24, 0.40" holes.
Frac Gallup 3rd
stage with
217,400#, 20/40
PSA Sand

Gallup 14th:
7760'-7604'-
with 24, 0.40"
holes. Frac
Gallup 14th
stage with
220,780#, 20/40
PSA Sand

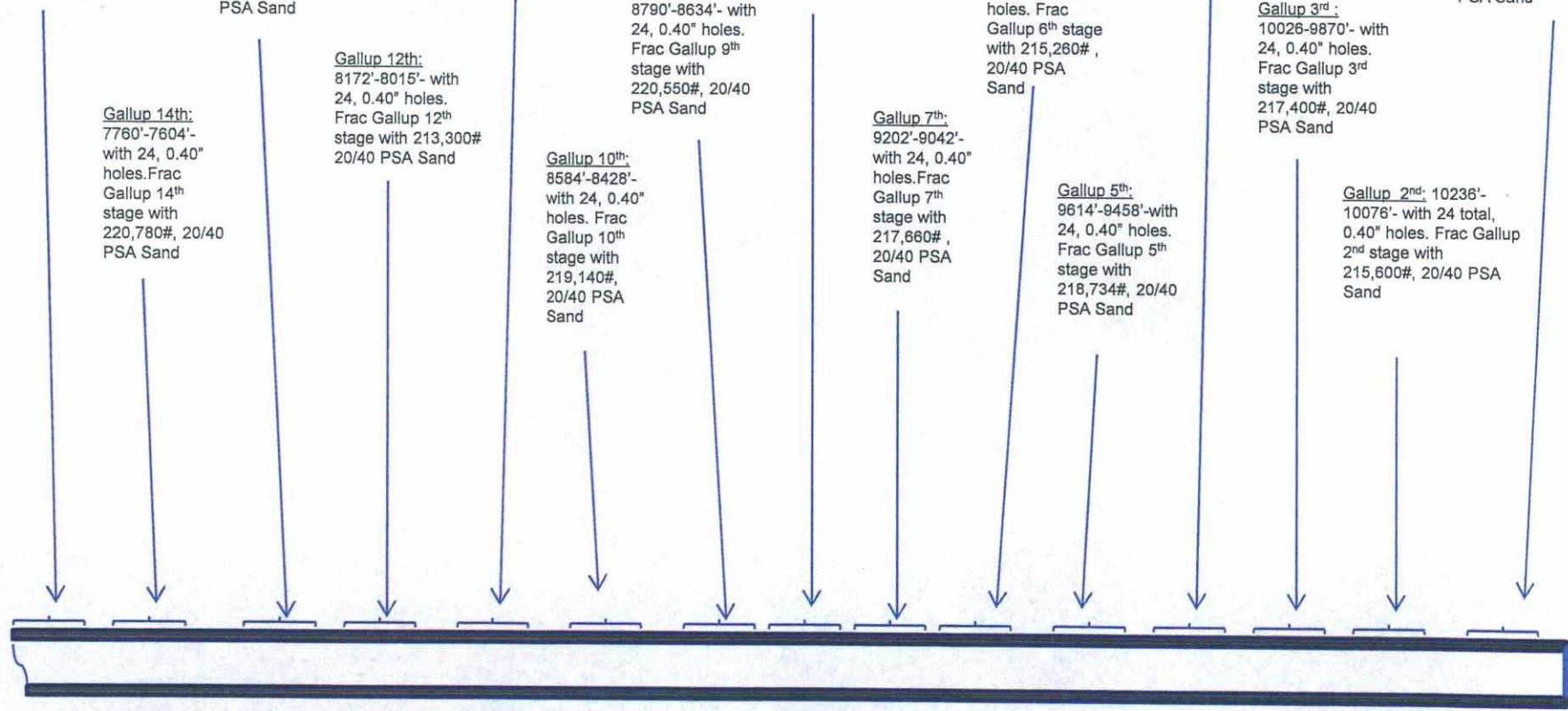
Gallup 12th:
8172'-8015'- with
24, 0.40" holes.
Frac Gallup 12th
stage with 213,300#
20/40 PSA Sand

Gallup 10th:
8584'-8428'-
with 24, 0.40"
holes. Frac
Gallup 10th
stage with
219,140#,
20/40 PSA
Sand

Gallup 7th:
9202'-9042'-
with 24, 0.40"
holes. Frac
Gallup 7th
stage with
217,660# ,
20/40 PSA
Sand

Gallup 5th:
9814'-9458'-with
24, 0.40" holes.
Frac Gallup 5th
stage with
218,734#, 20/40
PSA Sand

Gallup 2nd: 10236'-
10076'- with 24 total,
0.40" holes. Frac Gallup
2nd stage with
215,600#, 20/40 PSA
Sand

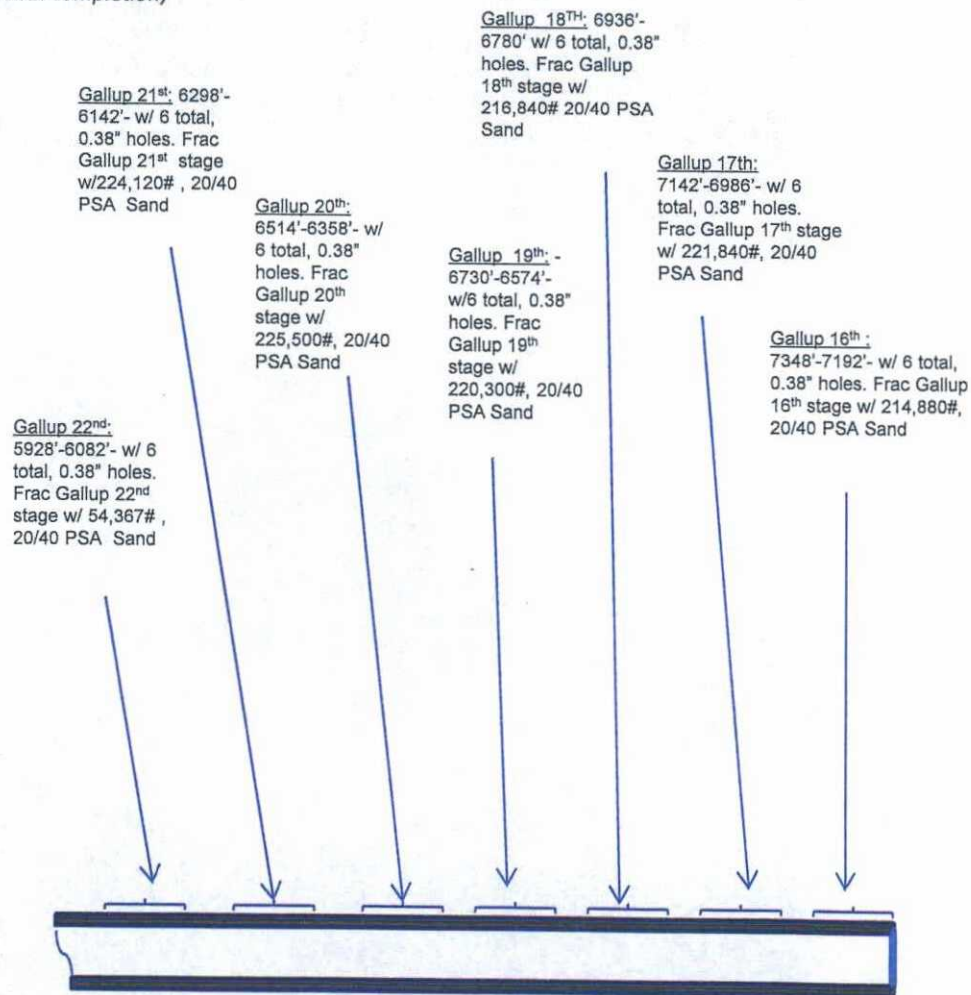


See page 1 for upper portion of hole

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(page 2 – lateral with completion)



See page 1 for upper portion of hole