S. Chaco UT #342H **Lybrook Gallup**

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Spud: 4/17/15

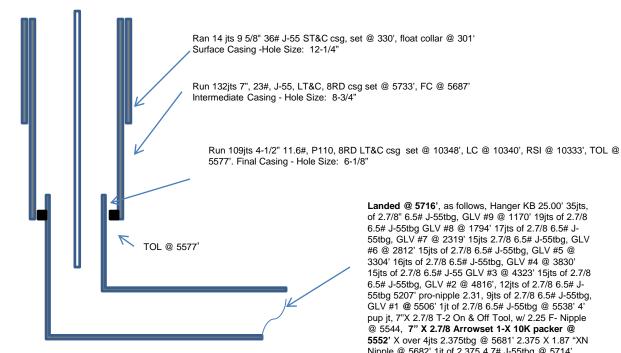
Completed: 8/2015

SHL: 1327' FNL & 200' FEL NE/4 NE/4 Section 2(A), T22N, R7W

BHL: 2322' FNL & 341' FEL NE/4 NE/4 Section 1 (H), T22N, R7W

Sandoval, NM Elevation: 7034' API: 30-043-21243

| Tops | MD | TVD |
|----------------|------|------|
| Ojo Alamo | 1200 | 1197 |
| Kirtland | 1475 | 1470 |
| Picture Cliffs | 1780 | 1774 |
| Lewis | 1879 | 1873 |
| Chacra | 2202 | 2194 |
| Cliff House | 3346 | 3335 |
| Menefee | 3396 | 3386 |
| Point Lookout | 4038 | 4027 |
| Mancos | 4200 | 4189 |
| Gallup | 4580 | 4569 |



TD: 10349' MD TVD: 5333' PBTD: 10340' MD Landed @ 5716', as follows, Hanger KB 25.00' 35jts, of 2.7/8" 6.5# J-55tbg, GLV #9 @ 1170' 19jts of 2.7/8 6.5# J-55tbg GLV #8 @ 1794' 17jts of 2.7/8 6.5# J-55tbg, GLV #7 @ 2319' 15jts 2.7/8 6.5# J-55tbg, GLV #6 @ 2812' 15jts of 2.7/8 6.5# J-55tbg, GLV #5 @ 3304' 16jts of 2.7/8 6.5# J-55tbg, GLV #4 @ 3830' 15jts of 2.7/8 6.5# J-55 GLV #3 @ 4323' 15jts of 2.7/8 6.5# J-55tbg, GLV #2 @ 4816', 12its of 2.7/8 6.5# J-55tbg 5207' pro-nipple 2.31, 9jts of 2.7/8 6.5# J-55tbg, GLV #1 @ 5506' 1jt of 2.7/8 6.5# J-55tbg @ 5538' 4' pup jt, 7"X 2.7/8 T-2 On & Off Tool, w/ 2.25 F- Nipple @ 5544, 7" X 2.7/8 Arrowset 1-X 10K packer @ 5552' X over 4jts 2.375tbg @ 5681' 2.375 X 1.87 "XN Nipple @ 5682' 1jt of 2.375 4.7# J-55tbg @ 5714' 2.375 1/2 mule shoe @ 5716' EOT, Packer was set at 10K Compression, Total 168jts 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 @ 5716'. NU wellhead, RD.

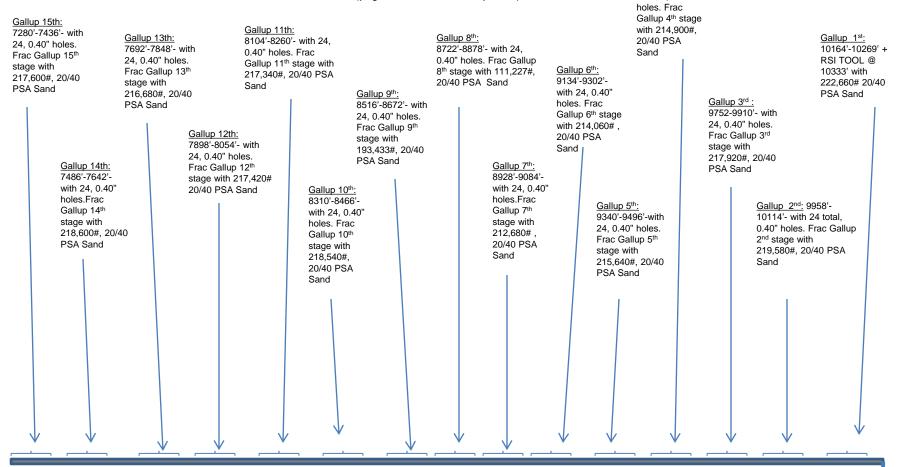
| HOLE SIZE | CASING | CEMENT | VOLUME | CMT TOP |
|------------------|--------|---------|-------------|-----------|
| 12-1/4" | 9-5/8" | 101sx | 162cu.ft. | Surface |
| 8-3/4" | 7" | 1107 sx | 1590cu. ft. | Surface |
| 6-1/8" | 4-1/2" | 470sx | 640cu. ft. | TOL 5577' |
| | | | | |
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Gallup 4th: 9546'-9702'-

with 24, 0.40"

(page 2 – lateral with completion)



S. Chaco UT 342H Lybrook Gallup

(page 2 – lateral with completion)

