

# NW Lybrook UT # 131H

## Lybrook Unit NW HZ(OIL)

(page 1)

Spud: 4/30/14

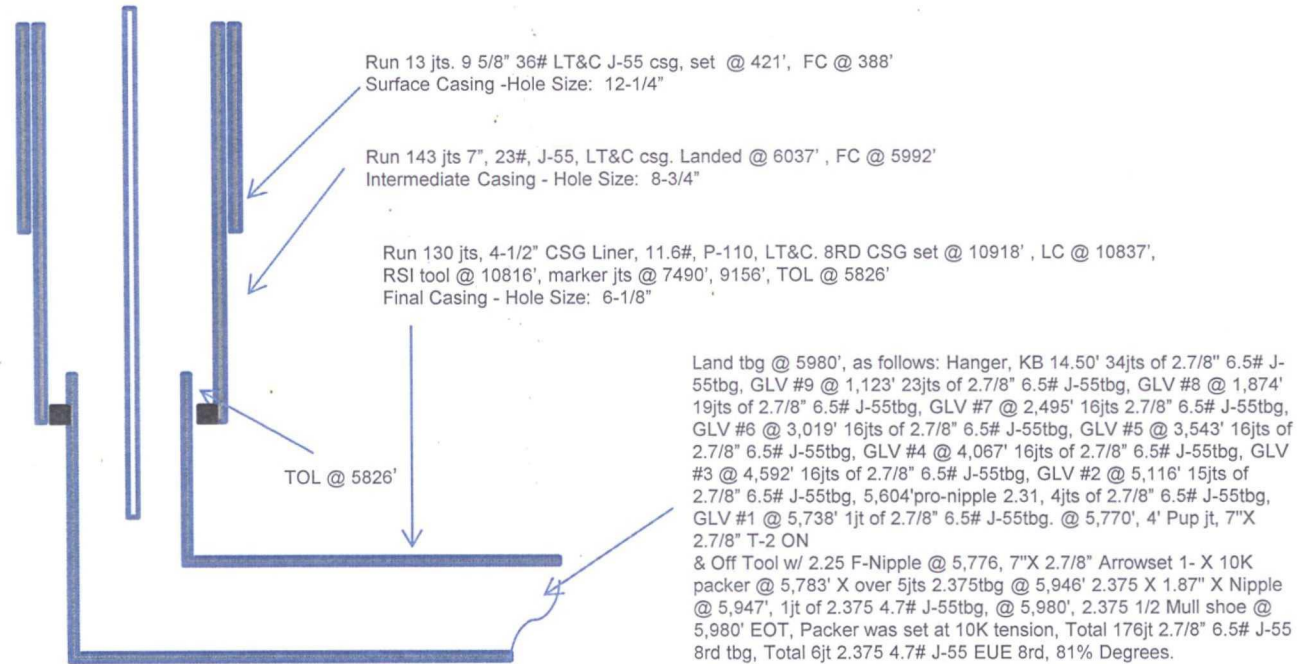
Completed: 1/29/15

SHL: 258' FSL & 352' FWL  
SW/4 SW/4 Section 25(M), T24N, R8W

BHL: 685' FNL & 229' FWL  
NW/4 NW/4 Section 35 (D), T24N, R 8W

San Juan ,NM  
Elevation: 6846'  
API: 30-045-35507

| Tops           | MD   | TVD  |
|----------------|------|------|
| OJO_ALAMO      | 1209 | 1204 |
| KIRTLAND       | 1345 | 1337 |
| PICTURE_CLIFFS | 1880 | 1853 |
| LEWIS          | 1977 | 1945 |
| CHACRA         | 2311 | 2264 |
| CLIFF_HOUSE    | 3424 | 3326 |
| MENEFEE        | 3474 | 3373 |
| PT_LOOKOUT     | 4308 | 4166 |
| MANCOS         | 4581 | 4424 |
| GALLUP         | 4974 | 4801 |



TD: 10921' MD  
TVD: 5456'  
PBTD: 10837' MD

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| HOLE SIZE | CASING | CEMENT | VOLUME       | CMT TOP   |
|-----------|--------|--------|--------------|-----------|
| 12-1/4"   | 9-5/8" | 245 sx | 222 cu.ft.   | Surface   |
| 8-3/4"    | 7"     | 912 sx | 1353 cu. ft. | Surface   |
| 6-1/8"    | 4-1/2" | 290 sx | 552 cu. ft.  | TOL 5826' |



Mj 1/29/15

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(page 2 – lateral with completion)

Gallup 1<sup>st</sup>:  
10628'-10753' +  
RSI TOOL @  
10816' with  
222,634# 20/40  
PSA Sand

Gallup 4<sup>th</sup>:  
9770'-9951'-  
with 24, 0.40"  
holes. Frac  
Gallup 4<sup>th</sup> stage  
with 252,464#,  
20/40 PSA  
Sand

Gallup 6<sup>th</sup>:  
9198'-9384'-  
with 24, 0.40"  
holes. Frac  
Gallup 6<sup>th</sup> stage  
with 219,526# ,  
20/40 PSA  
Sand

Gallup 3<sup>rd</sup>:  
10056'-10243'-  
with 24, 0.40"  
holes. Frac Gallup  
3<sup>rd</sup> stage with  
219,519# , 20/40  
PSA Sand

Gallup 2<sup>nd</sup>:  
10342'-10528'-  
with 24 total,  
0.40" holes.  
Frac Gallup 2<sup>nd</sup>  
stage with  
214,500# , 20/40  
PSA Sand

Gallup 5<sup>th</sup>:  
9482'-9670'-with  
24, 0.40" holes.  
Frac Gallup 5<sup>th</sup>  
stage with  
214,164# , 20/40  
PSA Sand

Gallup 7<sup>th</sup>:  
8912'-9098'-  
with 24, 0.40"  
holes. Frac  
Gallup 7<sup>th</sup>  
stage with  
177,359# ,  
20/40 PSA  
Sand

Gallup 9<sup>th</sup>:  
8280'-8526'- with  
24, 0.40" holes.  
Frac Gallup 9<sup>th</sup>  
stage with  
219,596# , 20/40  
PSA Sand

Gallup 10<sup>th</sup>:  
7934'-8180'-  
with 24, 0.40"  
holes. Frac  
Gallup 10<sup>th</sup>  
stage with  
229,057# ,  
20/40 PSA  
Sand

Gallup 11<sup>th</sup>:  
7648'-7834'- with 24,  
0.40" holes. Frac  
Gallup 11<sup>th</sup> stage with  
218,723# , 20/40 PSA  
Sand

Gallup 13<sup>th</sup>:  
7076'-7259'- with  
24, 0.40" holes.  
Frac Gallup 13<sup>th</sup>  
stage with  
266,844# , 20/40  
PSA Sand

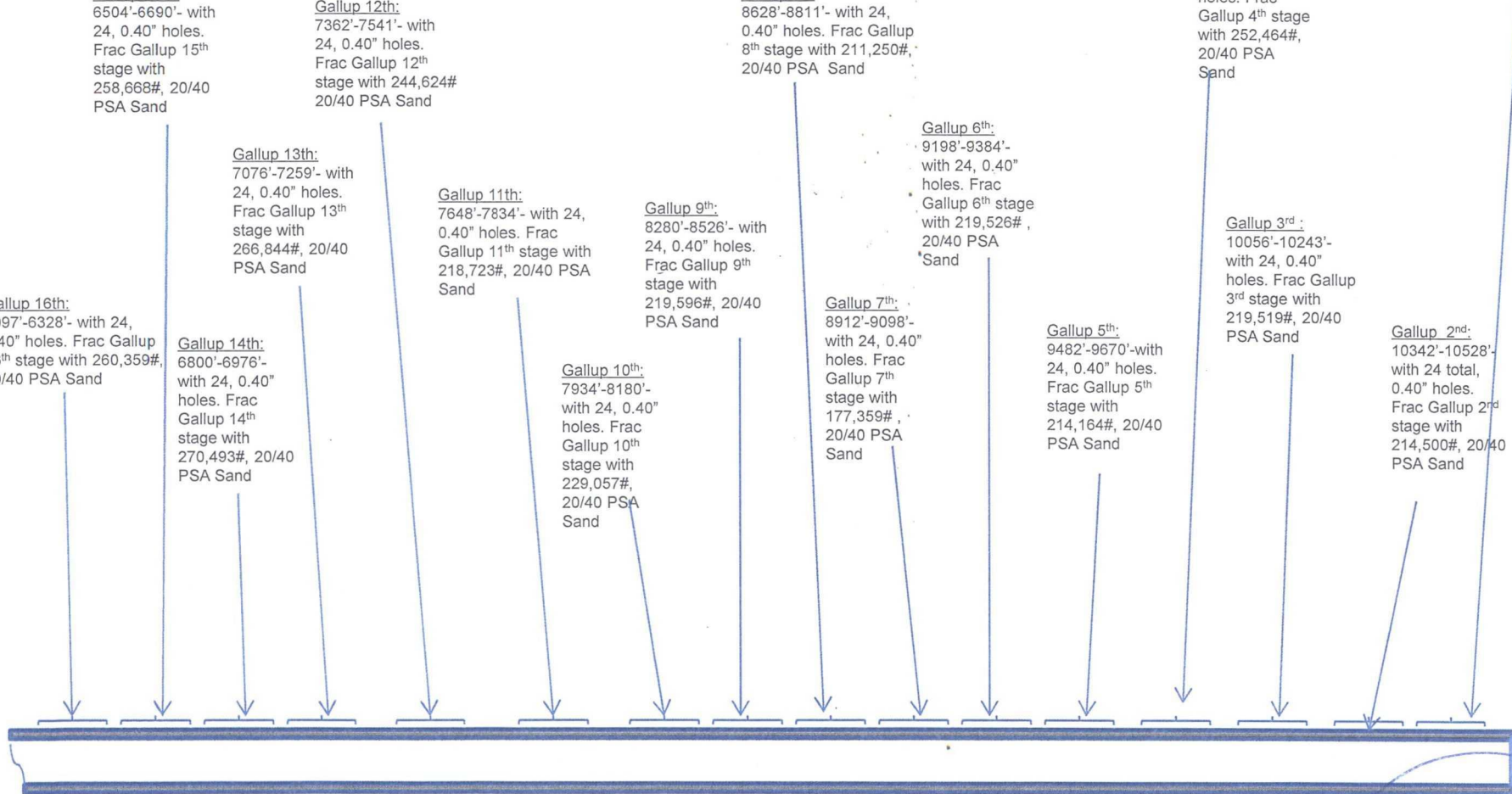
Gallup 14<sup>th</sup>:  
6800'-6976'-  
with 24, 0.40"  
holes. Frac  
Gallup 14<sup>th</sup>  
stage with  
270,493# , 20/40  
PSA Sand

Gallup 16<sup>th</sup>:  
6097'-6328'- with 24,  
0.40" holes. Frac Gallup  
16<sup>th</sup> stage with 260,359# ,  
20/40 PSA Sand

Gallup 15<sup>th</sup>:  
6504'-6690'- with  
24, 0.40" holes.  
Frac Gallup 15<sup>th</sup>  
stage with  
258,668# , 20/40  
PSA Sand

Gallup 12<sup>th</sup>:  
7362'-7541'- with  
24, 0.40" holes.  
Frac Gallup 12<sup>th</sup>  
stage with 244,624#  
20/40 PSA Sand

Gallup 8<sup>th</sup>:  
8628'-8811'- with 24,  
0.40" holes. Frac Gallup  
8<sup>th</sup> stage with 211,250# ,  
20/40 PSA Sand



See page 1 for upper portion of hole

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