

Federal #13-35 Existing WBD



| Details | | DEPTH | WELLBORE | DEPTH | Details |
|-------------------------------------------------------------------------------------------------------|--|-------|----------|-------|------------------------------------|
| **Per Abandonment Report all plugs were preimum cment. Assuming 1.15 cu ft/sk & 15.9 #/gal | | | | | |
| **Filled with 9.0ppg mud | | | | | |
| | | | | surf | 20sx surface balance plug |
| | | | | 45 | Plug 4 est btm |
| | | | | 170 | Plug 3 est top |
| 8-5/8" Surface Casing: (unk cement to surface) | | 262 | | 280 | 35sx balance plug |
| | | | | 1000 | Plug 2 est top |
| | | | | 1100 | 30sx balance plug Fox Hills |
| | | | | 6150 | Plug 1 est top |
| | | | | 6250 | 30sx balance plug D Sand |
| 7-7/8" Production Hole TD: | | 6,251 | | | |

| | | | | | | |
|--------------------------------|--------------|-----------------|---------------------------------------------|------------------|------------------|-------------------|
| WELL: | | Federal #13-35 | | | | |
| LOCATION: | | SWSW 610 FSL | Sec 35 610 FWL 40.702111, -103.837914 | 9N 58W | | |
| FORMATION: | | D SAND | 11/5/1988 Dry Hole | Date PDOP | 4/5/2024 2.5 | |
| API #: | | 05-123-14096 | | | | |
| Field: | | LILLI - #49970 | | | | |
| CURRENT STATUS | | 11/5/1988 PA | | | | |
| Spud: | | 10/19/1988 | | | | |
| Casing and Tubular Data | | | | | | |
| <u>Type</u> | <u>Size</u> | <u>Weight</u> | <u>Top</u> | <u>Bottom</u> | <u>Hole Size</u> | <u>Assumption</u> |
| Surface | 8-5/8" | 24 ppf | 0 | 262' | 12-1/4" | n/a |
| Open Hole | unk | n/a | 0 | 6,251' | unk | 7-7/8" |
| Elevation Data | | | | | | |
| GL | 4712 | feet | | | | |
| KB | 4724 | feet | | | | |
| Difference | 12 | feet | | | | |
| Formation Tops Data | | | | | | |
| <u>Formation</u> | <u>Depth</u> | | | | | |
| Base of Fox Hills | 1,400 | MD | Est From Induction Log | | | |
| Base of Upper Pierre | 2,900 | MD | Est From Induction Log | | | |
| Niobrara | 5,520 | MD | | | | |
| Fort Hays | 5,742 | MD | | | | |
| Codell | 5,794 | MD | | | | |
| X Bentonite | 6,144 | MD | | | | |
| D Sand | 6,252 | MD | | | | |
| J Silt | 6,314 | MD | | | | |