

PROPOSED WELL PLAN OUTLINE

WELL NAME LOCATION Meyer B31 #7
1410' FNL & 660' FWL, Sec 31, T2S, R38E, Lea County, NM

Ground I 3498'
Kelly Bus. 11' AGL

| Depth MD | FORMATION TOFS (from GL) | DRILLING PROBLEMS | TYPE OF FORMATION EVALUATION | HOLE SIZE | CASING PROGRAM | FRAC GRAD | FORM. PRES. GRAD. | Mud Weight & Type | Days |
|----------|--------------------------|---|--|-----------|---|-----------|-------------------|-------------------|------|
| 0 | | Possible Hole Enlargement & Sloughing | | 12-1/4" | | | Less than 8.3 | 8.4 - 9.5 Fresh | |
| 1000 | | | | | 8-5/8", 24#, J-55 ST&C @ 1,400' | | | | 3 |
| | Top Salt @ 1,410' | Washouts in Salt Section | | 7-7/8" | Circulate Cement | | | 10 Brine | |
| 2000 | | | | | | | Less than 8.4 | | |
| | Base Salt @ 2,565' | | Mud Loggers @ 2,600' | | | | | | |
| | Yates 2,700' | | H2S monitor equipment on @ 2,600' | | | | | | |
| | 7 Rivers 2,960' | | | | | | | | |
| 3000 | | | | | | | | | |
| | Queen 3,530' | | | | | | | | |
| | Penrose 3,660' | | | | | | | | |
| | Grayburg 3,810' | | | | | | | | |
| 4000 | San Andres 4,045' | | | | | | | | |
| | | Mud loss in San Andres is likely. Possible loss of returns. | | | | | | | |
| 5000 | | | | | | | | | 8 |
| | Glorietta 5,275' | Possible differential sticking thru Glorietta | | | | | | | |
| | Paddock 5,360' | Possible lost returns. | | | | | | | |
| | Blinberry 5,820' | Differential sticking in Blinberry | | | | | | | |
| 6000 | | | | | | | | | |
| | Tubb 6,345' | | | | | | | | 15 |
| | Drinkard 6,680' | | | | | | | | |
| | Abo 6,940' | | First Log Run: PEX_HALS_NGT SONIC TD - 5650' BHC Sonic- TD-2500 GR/Neut/Cal to surface | | | | | 10 ppq Starch Gel | |
| 7000 | | | | | | | | | |
| | Strawn 7,580' | Lost of full returns is likely upon drilling into Strawn. | Second Log Run: 20-30 rotary sidewall cores | | 5-1/2", 17#, L-80 LT&C set @ 7,950' | | | | 20 |
| | Woodford 7,925' | Offset data from: Meyer B-4 #19 | Possible Third Run: FMI imaging log | | Circulate cement either single or 2 stage | | | | |
| 8000 | TD 7,950' | | | | | | | | |
| 9000 | | | | | | | | | |

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