

CLIENT COMPANY LOGO

WELL NUMBER MN01
DUAL ZONE COMPLETION SCHEMATIC DESIGN



| | | | | | | |
|---------------------|------------------|-----------------------|--------------------------------|---|-------------------------|-----------------------------|
| Client Name | Phone No | Email ID | Deviation (deg) | Type Formation Fluid | Density | Type of Hole |
| Star Oil Company | +1 7821080340 | abc@staroil.com | 12 | Gas Producing | | Cased Hole |
| Prepared For | Phone No | Email ID | Final MD (m) | Max Dogleg (deg/100 ft) | Completion Fluid | Open Hole Size (in) |
| John Smith | +1 21251436 | johnsmith@staroil.com | 3000 | 30 | Brine | 8.5 |
| Prepared By | Phone No | Email ID | Water Depth (m) | Gas Oil Ratio | BHP (psi) | Cased Hole Size (in) |
| Mike Stewart | +1 468725134 | mike@staroil.com | 220 | 350 | 7500 | 7" 29# |
| Approved By | Phone No | Email ID | Oil Water Contact (OWC) | Gas Oil Contact | RKB Elevation(m) | Profile of well |
| Richard Greg | +1 85451849 | clark@staroil.com | | 3250 | 28 | I Shape |
| Date | CO2 (ppm) | H2S (ppm) | Completion Fluid Type | Well Number - Pad Number - Slot number | | Field |
| 18-02-2025 | 0 | 0 | Water Based | MN01 - MNP 01 | | San Fucii |

| Casing Data | | | | | | | | Tubing Data | | | | | | | |
|--------------------------|---------------------------|--|----------|-------------|---------------|-----------------------|-----------------------|------------------|-----------------|------------------------|----------------|---------------------------|---------------|------------|--|
| Type | OD (in) | Weight (lb/ft) | Grade | ID (in) | Drift ID (in) | Connection | Depth (m) | OD (in) | Weight (lbm/ft) | Grade | Yield Strength | ID (in) | Drift ID (in) | Connection | |
| Conductor Casing | 20 | 106.5# | P-110 | 18.810 | 18.685 | Hurling LTC | 75.0m | 2-7/8" | 6.4 # | L-80 | 80ksi | 2.441 | 2.347 | EUE | |
| Surface Casing | 13 3/8 | 68 # | P-110 | 12.259 | 12.134 | Hunting SIFS | 150.0m | | | | | | | | |
| Intermediate Casing | 9 5/8 | 53.5# | P-110 | 8.500 | 8.375 | Hunting SIFS | 750.0m | | | | | | | | |
| Production Casing | 7 | 29.0# | L-80 | 6.125 | 6.000 | BTS | 3000m | | | | | | | | |
| Liner | | | | | | | | | | | | | | | |
| | | | | | | | | Perforation Data | | | | | | | |
| | | | | | | | | Zone | | Top of Perforation (m) | | Bottom of Perforation (m) | | | |
| | | | | | | | | Zone "C" | | 2550.0 | | 2560.0 | | | |
| | | | | | | | | Zone "D" | | 2760.0 | | 2775.0 | | | |
| Item | Assembly | Description | Material | Part Number | Serial Number | Top Connection | Bottom Connection | OD (in) | ID (in) | Drift ID (in) | Length (m) | Top Depth (in) | | | |
| Upper Completion | | | | | | | | | | | | | | | |
| 1 | Tubing Hanger | Tubing hanger with 2-7/8" EUE | P-110 | PN 01 | SN 01 | 7.00" LH Square Box | 2-7/8" 6.4 # EUE Pin | 7.000 | 2.441 | 2.347 | 10.00 | 28 | | | |
| 2 | Tubing | 2-7/8" L-80, EUE Tubing | L-80 | PN 02 | SN 02 | 2-7/8" 6.4 # EUE Box | 2-7/8" 6.4 # EUE Pin | 2.875 | 2.441 | 2.347 | 100.00 | 38.00 | | | |
| 3 | SCSSV | Tubing Retrievable Subsurface Safety Valve | L-80 | PN 03 | SN 03 | 2-7/8" 6.4 # EUE Box | 2-7/8" 6.4 # EUE Pin | 4.500 | 2.441 | 2.347 | 2.50 | 138.00 | | | |
| 4 | Tubing | 2-7/8" L-80, EUE Tubing | L-80 | PN 04 | SN 04 | 2-7/8" 6.4 # EUE Box | 2-7/8" 6.4 # EUE Pin | 2.875 | 2.441 | 2.347 | 2045.00 | 140.50 | | | |
| 5 | Hydraulic Packer | ABC Model 7.00" Hydraulic set Packer | P-110 | PN 05 | SN 05 | 2-7/8" 6.4 # EUE Box | 2-7/8" 6.4 # EUE Pin | 2.875 | 2.441 | 2.347 | 1.50 | 2185.50 | | | |
| 6 | Tubing | 2-7/8" L-80, EUE Tubing | L-80 | PN 06 | SN 06 | 2-7/8" 6.4 # EUE Box | 2-7/8" 6.4 # EUE Pin | 2.875 | 2.441 | 2.347 | 350.00 | 2187.00 | | | |
| 7 | No Go with LSSA | No Go Locater with seal assembly | L-80 | PN 07 | SN 07 | 2-7/8" 6.4 # EUE Box | Mule shoe | 4.125 | 2.990 | 2.850 | 3.50 | 2537.00 | | | |
| Zone C (2550.0m-2560.0m) | | | | | | | | | | | | | | | |
| 8 | Sealbore Packer | 7.00 x 4 Sealbore Packer "XYZ" Model | P-110 | PN 08 | SN 08 | 4.937-8 LH Square Box | 4.937-8 Stub Acme Pin | 5.560 | 4.000 | 3.995 | 1.50 | 2540.50 | | | |
| 9 | Sealbore Packer Extension | Sealbore Extension with 4.00" Sealbore | P-110 | PN 09 | SN 09 | 4.937-8 Stub Acme Box | 4.937-8 Stub Acme Pin | 5.560 | 4.000 | 3.995 | 3.50 | 2542.00 | | | |
| 10 | Crossover | Crossover | L-80 | PN 10 | SN 10 | 4.937-8 Stub Acme Box | 2-7/8" 6.4 # EUE Pin | 5.560 | 2.441 | 2.316 | 0.50 | 2545.50 | | | |
| 11 | Tubing | 2-7/8" L-80, EUE Tubing | L-80 | PN 11 | SN 11 | 2-7/8" 6.4 # EUE Box | 2-7/8" 6.4 # EUE Pin | 2.875 | 2.441 | 2.347 | 10.00 | 2546.00 | | | |
| 12 | SSD | (SSD) Sliding sleeve door with 2.313 "X" profile | L-80 | PN 12 | SN 12 | 2-7/8" 6.4 # EUE Box | 2-7/8" 6.4 # EUE Pin | 3.250 | 2.313 | 2.188 | 1.50 | 2556.00 | | | |
| 13 | Tubing | 2-7/8" L-80, EUE Tubing | L-80 | PN 13 | SN 13 | 2-7/8" 6.4 # EUE Box | 2-7/8" 6.4 # EUE Pin | 2.875 | 2.441 | 2.347 | 200.00 | 2557.50 | | | |
| 14 | LSSA | No Go Locater with seal assembly | L-80 | PN 14 | SN 14 | 2-7/8" 6.4 # EUE Box | Mule shoe | 4.125 | 2.990 | 2.850 | 3.50 | 2757.50 | | | |
| Zone D (2760.0m-2775m) | | | | | | | | | | | | | | | |
| 15 | Sealbore Packer | 7.00 x 4 Sealbore Packer "XYZ" Model | P-110 | PN 15 | SN 15 | 4.937-8 LH Square Box | 4.937-8 Stub Acme | 5.560 | 4.000 | 3.995 | 1.50 | 2761.00 | | | |
| 16 | Sealbore Packer Extension | Sealbore Extension with 4.00" Sealbore | P-110 | PN 16 | SN 16 | 4.937-8 Stub Acme Box | 4.937-8 Stub Acme Pin | 5.560 | 4.000 | 3.995 | 3.50 | 2762.50 | | | |
| 17 | Crossover | Crossover | L-80 | PN 17 | SN 17 | 4.937-8 Stub Acme Box | 2-7/8" 6.4 # EUE Pin | 5.560 | 2.441 | 2.316 | 0.50 | 2766.00 | | | |
| 18 | Tubing | 2-7/8" L-80, EUE Tubing | L-80 | PN 18 | SN 18 | 2-7/8" 6.4 # EUE Box | 2-7/8" 6.4 # EUE Pin | 2.875 | 2.441 | 2.347 | 10.00 | 2766.50 | | | |
| 19 | SSD | (SSD) Sliding sleeve door with 2.313 "X" profile | L-80 | PN 19 | SN 19 | 2-7/8" 6.4 # EUE Box | 2-7/8" 6.4 # EUE Pin | 3.250 | 2.313 | 2.188 | 1.50 | 2776.50 | | | |
| 20 | Tubing | 2-7/8" L-80, EUE Tubing | L-80 | PN 20 | SN 20 | 2-7/8" 6.4 # EUE Box | 2-7/8" 6.4 # EUE Pin | 2.875 | 2.441 | 2.347 | 200.00 | 2778.00 | | | |
| 21 | LSSA | No Go Locater with seal assembly | L-80 | PN 21 | SN 21 | 2-7/8" 6.4 # EUE Box | Mule shoe | 4.125 | 2.990 | 2.850 | 3.50 | 2978.00 | | | |
| Sump Packer | | | | | | | | | | | | | | | |
| 22 | Sump Packer | Sump Packer Model "DEF" with 4.00" ID | L-80 | PN 22 | SN 22 | 4.937 Square Box | Bottom Guide Shoe | 5.560 | 4.000 | 3.995 | 1.00 | 2979.00 | | | |

NOTES:

This design was prepared using Wellkin Energy's Crown Completions Proprietary Software

*Note : We need Wellkin Energy Logo As watermark *