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|---|---|----------------------------------|---|-------------------------|
|  | WELL NAME: UL Lead King 344035-16 F 6H | FIELD: Phantom (Wolfcamp) | Well #: 4247500174 | Permit #: 845069 |
| | STATE: Texas | COUNTY: Ward | SRF LOC: 558 FWL, 2789 FNL SEC 34 ABS 1163 | |
| | API NO: 42-475-37683 | SPUD DATE: 11/1/2018 | BHL: 75 FEL, 1921 FSL SEC 35 ABS 1163 | |
| | PBTD: 24,540' Burst Sub | TD DATE: 3/8/2019 | FORMATION: Lower Wolfcamp B | |
| | TD: 24,660' TVD: 11,398' | CMPL DATE: 4/29/2019 | ELEVATION: 2605'; RKB 25' | |

| | PIPE RECORD | | | | | | HOLE DATA | | CEMENT DATA | | | | |
|------------------|-------------|-------|---------|--------------|-----|--------|-----------|----------|-------------|---------|------------------|-------|----------------|
| | OD | GRADE | THD | WEIGHT (ppf) | TOP | BTM | # JTS | BIT SIZE | DEPTH | SK | YIELD (cu ft/sk) | TOC | Method |
| Surf Csg | 13-3/8" | J-55 | STC | 54.50# | 0' | 924' | 21 | 17.500" | 924' | 1605 | 1.71 | 0' | Circ to Surf |
| Intermediate Csg | 10-3/4" | J-55 | BTC | 45.50# | 0' | 5057' | 118 | 12.250" | 5061' | 1190 | 2.28 | 0' | Circ to Surf |
| Intermediate Csg | 7-5/8" | HCL80 | BTC/USF | 29.70# | 0' | 11190' | 262 | 9.875" | 11205' | 765/515 | 2.01/2.27 | 0' | 2 stg; Circ DV |
| Production Csg | 5-1/2" | P110 | GeoConn | 23.00# | 0' | 24655' | 560 | 6.750" | 24660' | 1625 | 1.23 | 9916' | By CBL |

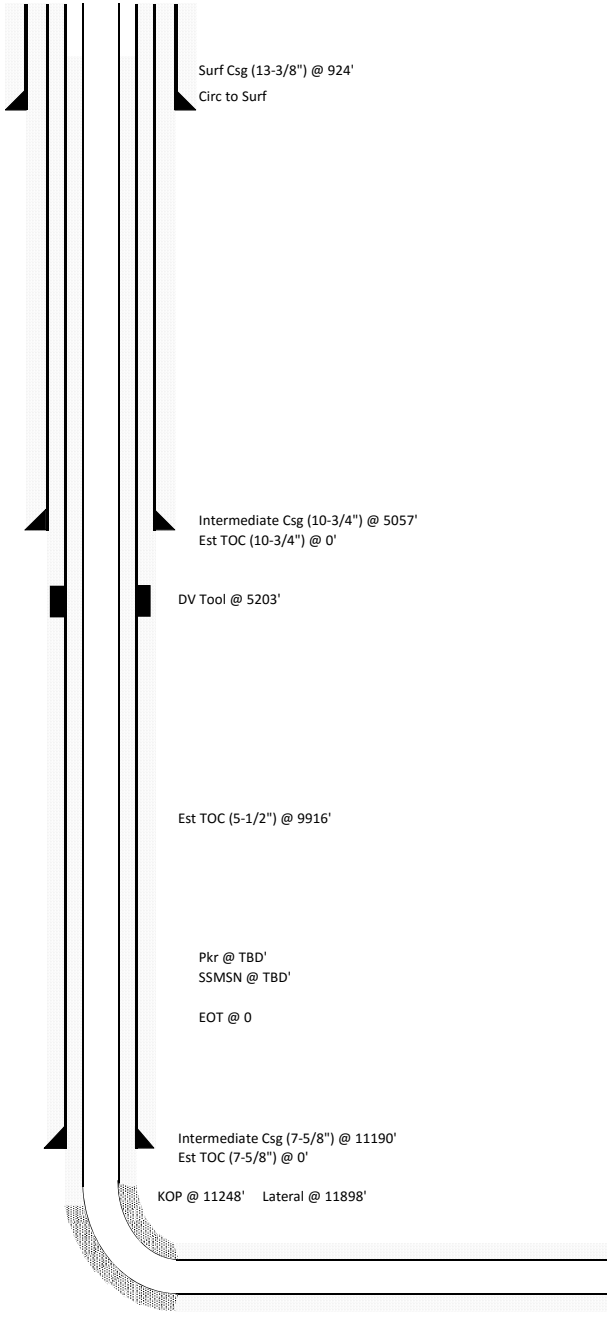
| | | | | | | | | | | | | | |
|-----|--|--|--|--|--|--|--|--|--|----------------------------|-----------|-------|--|
| Tbg | | | | | | | | | | | | | |
| | | | | | | | | | | Perfs/Top of Sleeve Depth: | See Below | LOGS: | |

| | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|----------------------|-----------------|--------------------|-----------------|-------------|--------------|
| HISTORY: | | | | | | | | | | Perforations: | | | | | |
| | | | | | | | | | | Formation | Top Perf | Bottom Perf | Net Feet | JSPF | Holes |
| | | | | | | | | | | Wolfcamp B | 11780 | 24516 | 12736 | | |

| TUBING/BHA Detail as of: 3/25/2019 | ID (in) | OD (in) | Jts | Length (ft) | Depth (ft) | PUMP/ROD Detail as of: 3/25/2019 | Rods | Length (ft) |
|------------------------------------|---------|---------|-----|-------------|-----------------|----------------------------------|--------------|-------------|
| KB Correction | | | | | 0.00 | KB Correction | | |
| Tubing Hanger | | | | | 0.00 | | | |
| 1 joint 2-7/8" tubing | | | | | 0.00 | | | |
| Tubing Sub | | | | | 0.00 | | | |
| Tubing Sub | | | | | 0.00 | | | |
| 2-7/8" Production tubing | | | | | 0.00 | | | |
| X-Nipple | | | | | 0.00 | | | |
| 1 joint 2-7/8" tubing | | | | | 0.00 | | | |
| On/Off Tool | | | | | 0.00 | | | |
| AS1-X Production Packer | | | | | 0.00 | | | |
| Tubing Sub | | | | | 0.00 | | | |
| XN-Nipple | | | | | 0.00 | | | |
| Tubing Sub | | | | | 0.00 | | | |
| Disc Sub/Muleshoe | | | | | 0.00 | | | |
| | | | | | EOT (KB) | 0.00 | | |
| | | | | | | | TOTAL | 0 |

Updated by: dgraeve
3/25/2019

| SHOE TRACT | | | | |
|------------------|-------------|--------------|-----------------|-----------------|
| | Length | ID (in) | Top Depth (ft) | Bttm Depth (ft) |
| Reaming Shoe | 2.40 | N/A | 24652.60 | 24655.00 |
| Joint 1 | 44.35 | 4.670 | 24608.25 | 24652.60 |
| Marker Joint | 22.05 | 4.670 | 24586.20 | 24608.25 |
| Float Collar | 1.10 | N/A | 24585.10 | 24586.20 |
| Joint 2 | 44.05 | 4.670 | 24541.05 | 24585.10 |
| Burst Sub | 1.00 | 4.625 | 24540.05 | 24541.05 |
| Joint 3 | 44.36 | 4.670 | 24495.69 | 24540.05 |
| Joint 4 | 44.32 | 4.670 | 24451.37 | 24495.69 |
| Joint 5 | 44.35 | 4.670 | 24407.02 | 24451.37 |



Circ to Surf
Calc
Est
By CBL
2 stg; Circ DV