

NIGHTHAWK PRODUCTION LLC

John Craig 2-2
NE NE Lot 2 Sec 2, T10S, R56W
LINCOLN COUNTY, COLORADO
API No. 05-73-06563-00

Prepared By: Harold Mayland

Date: 5/8/2014
1/7/1900

Geological tops:

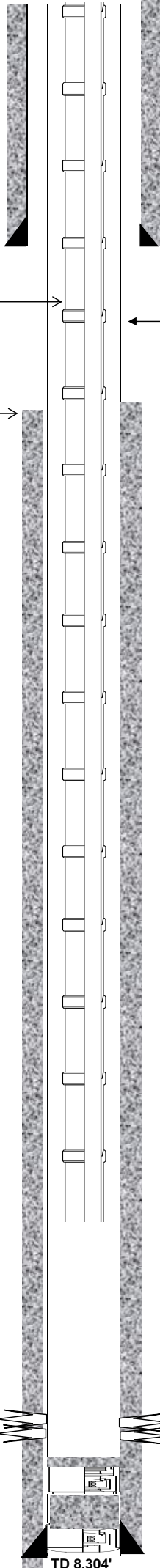
| | | | |
|--------------|------|--------------|------|
| Dakota | 4315 | Atoka | 7563 |
| Cheyenne | 4562 | Morrow | 7779 |
| Stone Correl | 5733 | Mississipan | 7956 |
| Wolfcamp | 5937 | M2 | 7968 |
| LKC | 6701 | M1 | 7992 |
| Marmaton | 6974 | Spergen | 8031 |
| Cherokee | 7298 | Simpson | 8134 |
| | | Granite Wash | 8252 |

ELEVATION

R.B. 5,272'
G.L. 5,257'
KB 15'
BHT 205'
Spud date: 04/23/14
TD Date: 05/03/14
Completion

Lat: 39.21284
Long: -103.62810
837' FNL 1842' FEL

Not to scale



Drilled hole 12 1/4"

SURFACE CSG: 8 5/8" 24# J55 ST&C @ 307'

Cmt: 147 sks "G" 14 PPG, 1.54 yield
3 bbls cmt to surface

Drilled hole 7 7/8"

Production Casing: 5 1/2" 17# N80 LT&C @ 8,303'

Lead cmt: 960 sks TXT Lite, 12 ppg 1.79 yield
Tail cmt: 399 sks TXI Lite, 13 ppg 1.89 yield

Production Tubing

TOC 1,026'

5 1/2" 17# N80
I.D. 4.892
Drift 4.767
Burst 7,740
Lin ft/bbl 43.01
BBL/linft 0.0232

2 7/8" J55 EU 8RD
I.D. 2.441
Drift 2.347
Burst 7,260
Lin ft/bbl 172.7500
BBL/linft 0.00579

2 7/8" X 5 1/2"
Lin ft/bbl 65.71
BBL/linft 0.0152

| TUBING | Qty | Length | Depth in hole |
|--|-----|--------|---------------|
| Avg Jt length | | | |
| KB difference | | | 0.00 |
| 2 7/8" EU 8RD J55 tbg | | | 0.00 |
| 2 7/8" X 5 1/2" TAC | | | 0.00 |
| 2 7/8" EU 8RD J55 tbg | | | 0.00 |
| 2 7/8" EU 8RD seating nipple | | | 0.00 |
| 2 7/8" EU 8RD J55 tbg | | | 0.00 |
| 2 7/8" x 6' Perf Pup | | | 0.00 |
| 2 7/8" x 2 3/8" x-over | | | 0.00 |
| 2 3/8" XN Nipple 1.81. | | | 0.00 |
| 2 3/8" x 8' pup jt | | | 0.00 |
| 2 3/8" tap bull plug | | | 0.00 |
| RODS | | | |
| Polish rod 1 1/2" x 30' w/1 1/4" Liner | | | |
| 7/8" Pony rod | | | |
| 7/8" rods EL | | | |
| 3/4" rods S88 | | | |
| 1 1/2" K bars | | | |
| 7/8" X 2' Stabilizer pony rod | | | |
| 2 1/2" x 2" x 26' RWBC 230" stroke | | | |

NOTE:

Marmaton
7,212'-7,218'
7,264'-7,267'

Cherokee
7,298'-7,302'

Morrow
7,800'-7,810'
7,836'-7,848'

Mississipan
7,992'-8,030'

PBTD @ 8,210'

Collar @ 8,210'

Shoe @ 8,303'

TD 8,304'