



NIGHTHAWK PRODUCTION LLC

John Craig 7-2
 SW NE Sec 2, T10S, R56W
 Old Homestead Field
 LINCOLN COUNTY, COLORADO
 API No. 05-073-06413

ELEVATION
 R.B. 12'
 G.L. 5,270'
 KB 5,282'
 BHT 165°
 Spud date: 06/05/10
 Completion 05/31/10

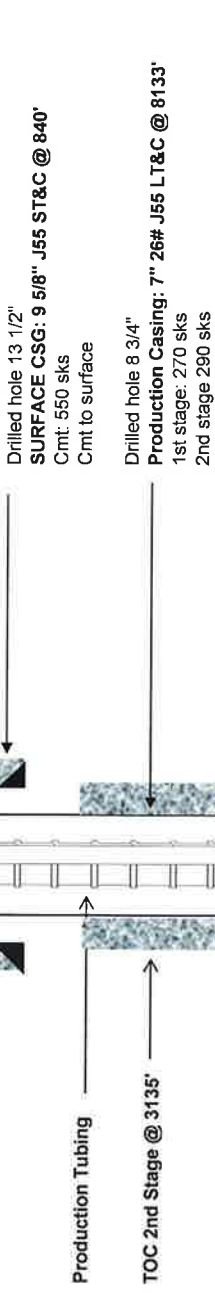
Lat: 39.20963
 Long: 103.62828
 1,980' FNL 1,980' FEL

Not to scale

Prepared By: Harold Mayland
 Date: 1/3/2013

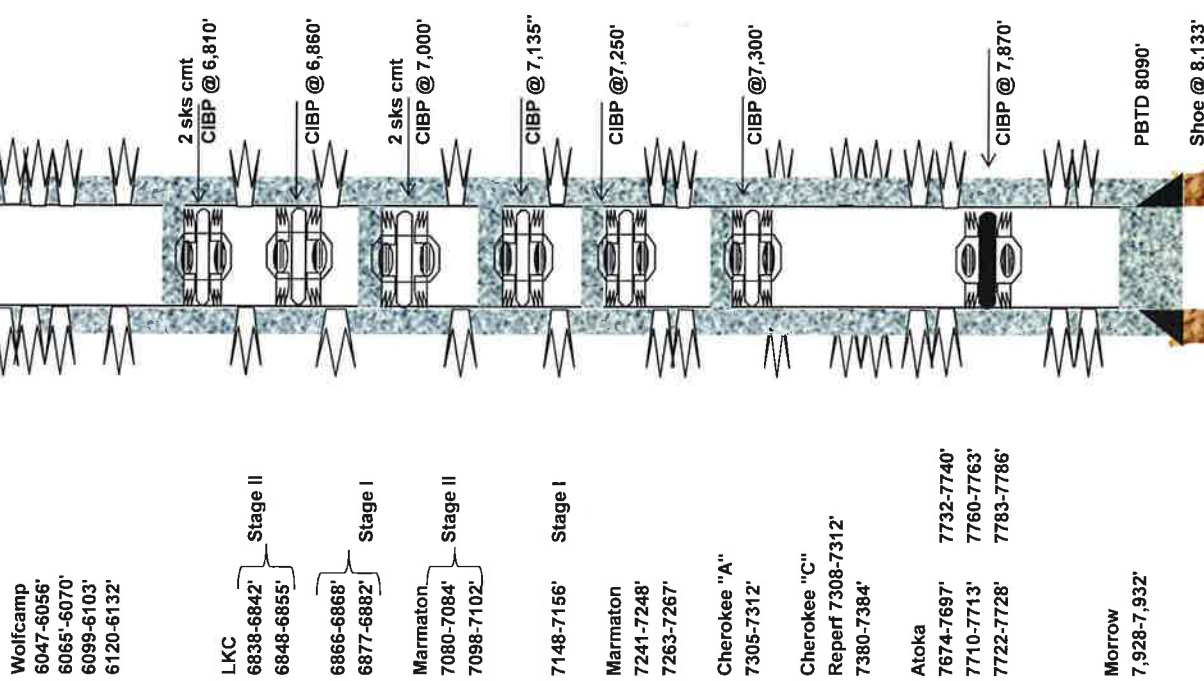
Geological tops:		
CARLISLE	3897	Wolfcamp
GREENHORN	4020	LKC
D SAND	4320	Marmaton
J SAND	4386	Cherokee
CHEYENNE	4580	Atoka
MORRISON	4681	Morrow
Lyons	5541	Missppn
Stone Corral	5743	Granite Wa

6004
 6817
 7092
 7306
 7482
 7813
 8058
 8289



7" 26# J55		2 7/8" J55 EU 8RD		2 7/8" X 7"	
I.D.	6.276	I.D.	2.441		
Drift	6.151	Drift	2.347		
Burst	4.980	Burst	7.700		
Lin ft/bbl	0.0383	Lin ft/bbl	172.7500	Lin ft/bbl	32.29
BBL/linft	26.135	BBL/linft	0.00579	BBL/linft	0.0302

Avg jt length		32.56	
Tubing	Qty	Length	Depth in hole
KB difference		10.00	10.00
2 7/8" EU 8RD J55 tbg	184	5,991.75	6,001.75
Seating nipple		1.10	6,002.85
7" x 2 7/8" compression packer		6.00	6,008.85
			6,008.85
			6,008.85
			6,008.85
Total Joints	184		



NOTE:
 06/09/10 Perf Morrow 7928-32'
 06/11/10 Acidized 7928-32' w/1500 gal 15% HCL
 06/14/10 Perforated Cherokee "C" 7380-84'
 06/16/10 Perforated Cherokee "A" 7305-7314'
 06/18/10 Acidized 7305-14' & 7380-84' w/1500 gal 15% HCL
 06/29/10 Frac 7305-14' w/19,692# 20/40 sand and 829 bbbl Dynaqua x-link gelled wtr. Spear headed 1000 gal 15% HCL
 07/26/10 Squeezed 7305-14' & 7380-84 w/150 sks cmt.
 08/04/10 Perf Atoka 7674-7786'
 08/09/10 Acidize 7674-7786' w/2000 gal 15% HCL, fracked w/18,750# 20/40 sand and 875 BBLS wtr.
 08/17/10 Set composite BP @ 7600', reperf 7380-84', stimulate w/gas guns.
 08/19/10 Acidized 7380-84' w/2000 gal 15% HCL
 08/25/10 Drilled out BP @ 7600'
 03/09/12 Drilled out CIBP @ 7,295, cleaned out to 7,870'
 04/03/12 Set CIBP @ 7,300', perf Marmaton 7248-67'.
 04/05/12 Acidized 7248-67' w/1200 gal 15% MCA.
 06/02/12 Set CIBP @ 7,250'.
 06/04/12 Perf 7,148 - 60'
 06/06/12 Set CIBP @ 7,135', Perf 7,098-7,102' & 7,080-84'
 09/26/12 Set CIBP @ 7,000', Perf 6,877-82', 6866-68'
 09/27/12 Set CIBP @ 6,860'
 10/04/12 Perf 6,838-42', 6,848-55'
 10/06/12 Set CIBP @ 6,810' Perf 6,120-32'
 10/07/12 Set CIBP @ 6,110', perf 6,099-6,103'
 11/04/12 Set WRBP @ 6,090', perf 6,065-70'
 11/05/12 Pull WRBP from 6,090'. Set WRBP @ 6,060', perf 6,046-55'
 11/06/12 Pull WRBP from 6,060'.
 01/02/13 Drill out CIBP @ 6,110'