



SE NW Sec 22, T6S, R54W
LINCOLN COUNTY, COLORADO
API No. 05-73-06481-00

Date:	12/3/2012
Geological tops:	
Niobrara	3712
Dakota	4604
Stone Correl	5979
Wolfcamp	6214
LKC	6906
Marmaton	7258
Cherokee	7466
Atoka	7637
Morrow	7946
Spergen	8194
Arbuckle	8372

Drilled hole 12 1/4"
SURFACE CSG: 8 5/8" 24# J55 ST&C @ 401'
Cmt: 130 sks Class G yield 1.54, 14 ppg to surface

Drilled hole 7 7/8"

Production Casing: 5 1/2" 17# N80 LT&C @ 8,471'
Cmt: Leed, 381 sks 12 ppg, 1.79 yield
Cmt: Tail, 362 sks 13 ppg, 1.43 yield, full returns.

5 1/2" 17# J55		2 7/8" J55 EU 8RD		2 7/8" X 5 1/2"	
I.D.	4.892	I.D.	2.441		
Drift	4.767	Drift	2.347		
		Burst	7,260		
Lin f/bbl	43.01	Lin f/bbl	172.7500	Lin f/bbl	65.71
BBL/linft	0.0232	BBL/linft	0.00579	BBL/linft	0.0152

	Qty	Length	Depth in hole
Tubing			
KB difference		12.00	12.00
2 7/8" EU 8RD J55 tbg			12.00
TAC			12.00
2 7/8" EU 8RD J55 tbg			12.00
Seating Nipple			12.00
2 7/8" EU 8RD J55 tbg			12.00
			12.00
			12.00
Total Joints	0		
Rods			
Polish rod 1 1/2" x 22'		22.00	
Pony rod 2' x 7/8"			
Pony rod 4' x 7/8"			
Pony rod 6' x 7/8"			
Pony rod 8' x 7/8"			
7/8" rods			
3/4" rods			
2 1/2" x 2 x 20' RWBC w/2.5' spray metal plunger			

11/18/12	Perf 7,534'-40", 24 holes 0.52" dia.
11/19/12	Acidize 7,534'-40" w/ 600 gal 15% HCL
11/20/12	Set CIBP @ 7,520', perf 7,490'-7,504', 66 holes, 0.52" dia. Acidize w/1400 gal 15% HCL.
11/26/12	Set CIBP @ 7,485', perf 7,464'-74', 40 holes, 0.52" dia.
11/28/12	Set WRBP @7,455', perf 7432'-40', 32 holes Acidize 7,432'-40" w/800 gal 15% HCL.
11/29/12	Treated 7,432'-40" w/110 bbls 2% KCL w/ demulsifer.
12/01/12	Set WRBP @ 7,425', perf 7,396'-7,406' Acidize w/30 bbls 2% KCL, 1000 gal 15% HCL. w/demulsifer disp w/53 bbls 2% HCL.

