

ATLAS ROCKIES, LLC

Date: 11/10/2010
 Prepared by: Billy Hataway
 Lease: Einspahr
 Well Number: 944-35-14
 API: 05-095-06241-00
 Location: SWSW, SEC 35-T9N-R44W
 BHL:
 Field: Amherst
 Unit:
 County: Phillips
 State: Colorado
 GL: 3728
 KB: 3740
 Spud Date: Aug 27 2010
 Completion date: OCT 7 2010
 First gas sales: Oct 22 2010

WI
 NRI

SURVEYS:		Geological tops	
500	0.6	Surface	3728
1000	0.59	Pierre Shale	
1500	1.64	Sharron Springs	2410
2000	3.79	Niobrara Chalk	2443
2500	1.15	Beecher Island	
2750	1.16	Carlile	
		TD	2800

Cement

Cement w/ 127 sk Portland 1/11 ASTM C 150 Cement
 and displace w/752 gal of water er. Cir 12 brls cement to
 the pit.. 50 ft cement left in the 7" sp. Pumped by Schaal
 drilling.

Producing
 Zone: Niobrara

12 jts 7" 17#
 meas 481.10

Shoe

Surface fee
 Mineral fee

Hole Size 6 1/4
 Prod csg 4 1/2 11.6#

A-sect Wellhead Inc LM-70 7 X 4 1/2 1500#
 B-sect R&M LM-45 4 1/2 X 2 3/8 1500#

Tree

TOC 1,790
 Good bond 1,790

Cement design

Rig up ADT Cementers and cement
 w/90 sks type 1 neat cement .
 Displace w/42.6 brls water.
 Plug down @ 2:00 am on 8/30/10
 held ok

Stimulation Treatment

Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel
 50,080 #16/30 Daniels sand and 50,000 # 12/20 Daniels sand for a
 total of 100,080 # sand. 60 tons CO2. 542.8 BLWTR. 5 MIN- 558 PSI
 10 MIN-556 PSI. 15 MIN -549 PSI . MAX RATE 13.8 AVG RATE 11.3
 MAX PSI- 1058 AVG PSI 680

Comments

Date Completion history

tubing detail

10/21/2010
 73 JTS 2 3/8 TBG 2,396.38
 1 SN 2 3/8 1.10
 1 JT 2 3/8 TBG 32.81
 TOTAL TBG 2,430.29
 KB 12.00
 BTM TBG @ 2,442.29

Perforations

2458 TO 2466 W/ 6SPF
 2466 TO 2476 W/3SPF
 18 TOTAL FT
 78 TOTAL SHOTS

PBTD 2,754.36
 Csg shoe 2,796.36
 TD 2,800