

ATLAS ROCKIES, LLC

Date:	11/8/2010
Prepared by:	Billy Hataway
Lease	Flatland
Well Number	944-35-44
API	05-095-06233-00
Location	SESE,SEC35-T9N-R44W
BHL	
Field	Amherst
Unit	
County	Phillips
State	Colorado
GL	3717
KB	3729
Spud Date	8/28/2010
Completion date	10/7/2010
First gas sales	10/26/2010

WI NRI

SURVEYS:	Geological tops	
500	Surface	3717
1000	Pierre Shale	
1500	Sharon Springs	2400
2000	Niobrara Chalk	2431
2500	Beecher Island	
2660	Carlisle	
	TD	2732

Hole Size	9 5/8	12 JT meas: 460.60
Surf Casing	7" 17#	

Cement

Cement w/ 115 sk Portland 1/11 ASTM C 150 Cement and displace w/716 gal of water er. Cir 6 bris cement to the pit. 50 ft cement left in the 7th sp. Pumped by Schaal drilling. Plug down @ 11:30am 8/28/2010

Zone Niobrara

12 Jts 7" 17# stc
meas 460.60

Shoe 472.50

Surface	fee	Hole Size	6 1/4
Mineral	fee	Prod rsg	4 1/2 11.6# 66 lts meas 2700.95

	A-sect	B-sect	C-sect	D-sect
Wellhead Inc	LM-70	p8M	LM-15	
	7 X 4 1/2	4 1/2 X 2 3/8		
	1500#	1500#		
	Screw on mandrel	Screw on mandrel		

	Tree	TOC
10/22/2010	1 jt 2 3/8	1.870
	1 jt 2 3/8	10.00
	1 jt 2 3/8	10.00
	72 jt 2 3/8	2364.14
	1 sn	1.10
	1 jt 2 3/8	32.83
	total tbg	2418.07
	kib	12.00
	bim tbg @	2430.07

TOC	1,870
Good bond	1,880

Cement design

Cement design!
Rig up ADT Cementers and cement
w/81 sks type 1 neat cement.
Displace w/41.5 brls water.
Plug down @ 8:30 am on 8/31/10
held ok

Stimulation Treatment

Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel
 50,000 #16/30 Daniels sand and 50,060 # 12/20 Daniels sand for a
 total of 100,060 # sand. 60 tons CO₂. 541.6 BLWTR. 5 MIN- 531 PSI
 10 MIN-402 PSI. 15 MIN -442 PSI . MAX RATE 15.4 AVG RATE 11.7
 MAX PSI- 1107 AVG PSI 676
 isip=535psi

Perforations
 2446to 2454 w/6spf 48 shoyos for 8 net ft
 2454 to 2465 w/3spf33 shots for 11 net ft
 19 TOTAL FT
 81 TOTAL SHOTS

PBTD	2,671.11
Csg shoe	2,712.95
TD	2.732

Comments

Date _____ Completion history _____