

ATLAS ROCKIES, LLC

Date:	1/24/2011	WI		SURVEYS:		Geological tops	
Prepared by:	Maddie Lariviere	NRI		475	0.51	Surface	3730
Lease	DIRKS	Surface	fee	1000	0.5	Pierre Shale	335
Well Number	843-1-11-L5	Mineral	fee	1500	0.89	Sharron Springs	2399
API	05-095-06292-00			2000	1.09	Niobrara Chalk	2445
Location	Lot 5 NWNW, Sec. 1 T8N-R44W			2400	2.67	Beecher Island	
BHL				2600	4.18	Carlile	
Field	Amherst					TD	2710
Unit							
County	Phillips						
State	Colorado						
GL	3730						
KB	3742						
Spud Date	1/7/2011						
Completion date	2/19/2011						
First gas sales							

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

Surface Cement

Cement w/ 120 sk Portland 1/11 ASTM C 150 Cement and displace w/680 gal of water Cir 6 brls cement to the pit.. 50 ft cement left in the 7" sp. Pumped by Schaal drilling. Plug down 2:15 PM 1/6/2011

Producing ZONE Niobrara

Hole Size	9 7/8	
Surf Casing	7" 20#	11 jts meas 450.30
Shoe		462.30

0	Hole Size	6 1/4	
	Prod csg	4 1/2 11.6#	64 jts meas: 2678.79

TOC 1,600

Cement Design

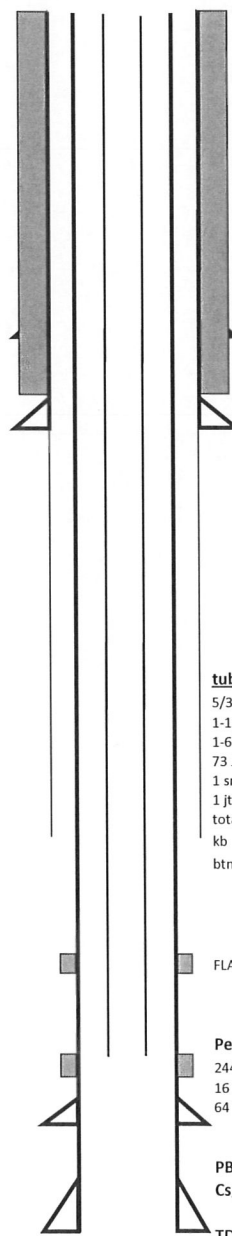
Rig up ADT Cementers and cement w/90 sks type 1 neat cement . Displace w/41 brls water. Plug down @ 9:45 am on 1/9/2011 held ok

Stimulation Treatment

Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel 50,020 #16/30 Daniels sand and 50,000 # 12/20 Texas Gold sand for a total of 100,020 # sand. 60.6 tons CO2. 548 BLWTR. 5 MIN- 606 PSI 10 MIN-592 PSI. 15 MIN -585 PSI . MAX RATE 13.8 AVG RATE 9.5 MAX PSI- 1066 AVG PSI 718 isip-648 psi

Comments

Date Completion history



tubing detail

5/31/2011	
1-10' SUB	10
1-6' SUB	6
73 JTS 2 3/8 TBG	2369.34
1 sn 2 3/8	1.10
1 jt 2 3/8	32.32
total tbg	2418.76
kb	12.00
btm tbg @	2430.76

FLAG JT 2210-2231

Perforations

2446-2462 W/ 4SPF
16 TOTAL FT
64 TOTAL SHOTS

PBTD	2,648.63
Csg shoe	2,690.79

TD 2,710