

ATLAS RESOURCES, LLC

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|--------------|------------------------|---------|-----|----------|------|-----------------|------|
| Date: | 3/6/2012 | WI | | SURVEYS: | | Geological tops | |
| Prepared by: | Maddie Lariviere | NRI | | 500 | 0.58 | Surface | 3680 |
| Lease | STATE | Surface | fee | 1000 | 0.87 | Pierre Shale | 230 |
| Well Number | 844-36-32 | Mineral | fee | 1500 | 0.49 | Sharron Springs | 2345 |
| API | 05-095-06435 | | | 2000 | 0.67 | Niobrara Chalk | 2389 |
| Location | SWNE, Sec. 36 T8N-R44W | | | 2500 | 1.13 | TD | 2639 |

BHL
Field Amherst
Unit
County Phillips
State Colorado
GL 3680
KB 3692
Spud Date 3/6/2012
Completion date N/A
First gas sales 4/12/2012

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/ 121 sk Portland 1/11 ASTM C 150 Cement
and displace w/766 gal of water Cir 6 brls cement to
the pit. 30 ft cement left in the 7" sp. Pumped by Schaal
drilling. Plug down 2:00 PM 3/6/2012

Producing ZONE Niobrara

Hole Size 9 7/8
Surf Casing 7" 17# 12 jts meas 463.50
Shoe 475.50

Hole Size 6 1/4
Prod csg 4 1/2 11.6# 63 jts meas: 2616.60

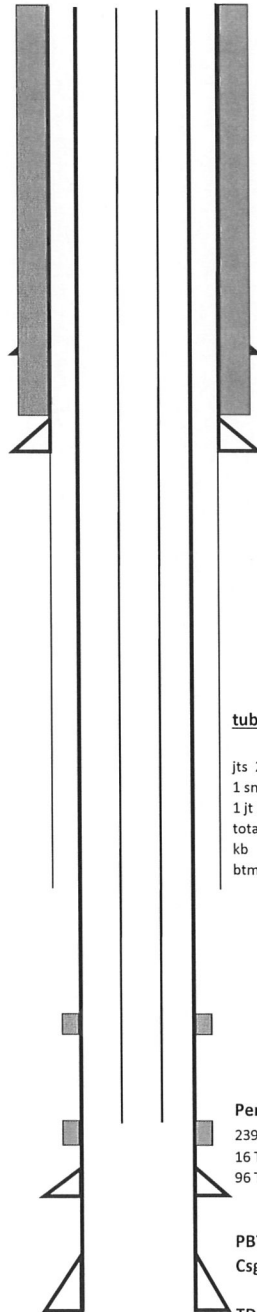
TOC 1,690

Cement Design

Rig up ADT Cementers and cement
w/75 sks type 1 neat cement .
Displace w/41 brls water.
Plug down @ 12:30 am on 3/10/2012
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. 60.08 tons CO2. 537 BLWTR. 5 MIN- 639 PSI
10 MIN-616 PSI. 15 MIN -600 PSI MAX RATE 13.6 AVG RATE 8.8
MAX PSI- 1146 AVG PSI 730 isip-746 psi



tubing detail

jts 2 3/8
1 sn 2 3/8
1 jt 2 3/8
total tbg
kb 12.00
btm tbg @

Perforations

2390-2406 W/ 6SPF
16 TOTAL FT
96 TOTAL SHOTS

PBTD 2,586.63
Csg shoe 2,628.61
TD 2,639