

ATLAS RESOURCES, LLC

Date: 11/30/2011
 Prepared by: Maddie Lariviere
 Lease: DIRKS
 Well Number: 943-22-32
 API: 05-095-06323-00
 Location: SWNE, Sec. 22 T9N-R43W
 BHL:
 Field: Amherst
 Unit:
 County: Phillips
 State: Colorado
 GL: 3632
 KB: 3644
 Spud Date: 11/30/2011
 Completion date: 2/7/2012
 First gas sales: 1/12/2012

WI					
NRI				500	0.47
Surface	fee			1000	1.4
Mineral	fee			1500	2.82
				2000	4.98
				2300	3.61
				2600	1.02

Geological tops	
Surface	3632
Pierre Shale	370
Sharron Springs	2348
Niobrara Chalk	2398
TD	2655

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/728gal of water Cir 5 brls cement to
 the pit. 50 ft cement left in the 7" sp. Pumped by Schaal
 drilling. Plug down 12:45 PM 11/29/2011

Producing ZONE Niobrara

Hole Size 9 7/8
 Surf Casing 7" 17# 12 jts meas 468.44
 Shoe 480.44

Hole Size 6 1/4
 Prod csg 4 1/2 10.5# 63 jts meas: 2629.62

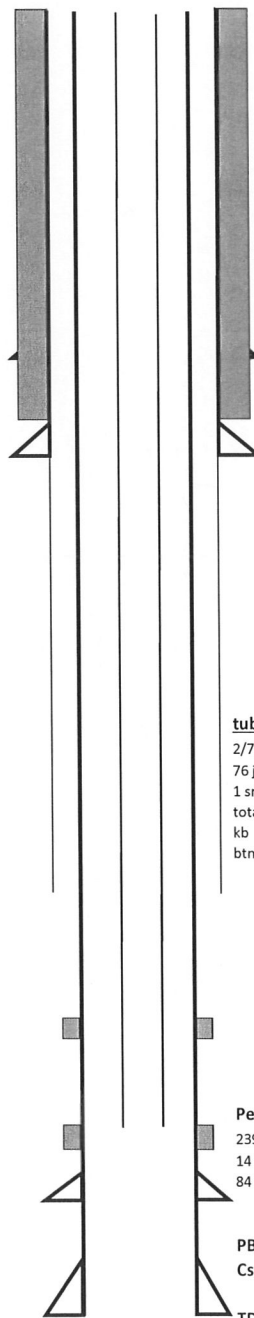
TOC 1,892

Cement Design

Rig up ADT Cementers and cement
 w/75 sks type 1 neat cement .
 Displace w/41.3 brls water.
 Plug down @ 2:30 am on 12/10/2011
 held ok

Stimulation Treatment

Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel
 50,020 #16/30 Daniels sand and 50,100 # 12/20 Texas Gold sand for a
 total of 100,120 # sand. 60.11 tons CO2. 547 BLWTR. 5 MIN- 676 PSI
 10 MIN-661 PSI. 15 MIN -650 PSI MAX RATE 13.9 AVG RATE 7.3
 MAX PSI- 1123 AVG PSI 697 isip-708 psi



tubing detail

2/7/2012
 76 jts 2 3/8 2442.74
 1 sn 2 3/8 1.10
 total tbg 2443.84
 kb 12.00
 btm tbg @ 2455.84

Perforations

2396-2410 W/ 6SPF
 14 TOTAL FT
 84 TOTAL SHOTS

PBTD 2,599.50
 Csg shoe 2,641.62
 TD 2,655