

BLACK RAVEN ENERGY, INC.

Date:
 Prepared by: Maddie Lariviere
 Lease: BRINKEMA
 Well Number: 3-Mar
 API:
 Location: NENW, Sec. 33 T8N-R43W
 BHL:
 Field: Amherst
 Unit:
 County: Phillips
 State: Colorado
 GL:
 KB:
 Spud Date:
 Completion date:
 First gas sales:

WI
 NRI
 Surface fee
 Mineral fee
 SURVEYS:
 475
 2360
 2405
 2856
 2875

Geological tops
 Surface
 Sharron Springs
 Niobrara
 Carlile

A-sect: Wellhead Inc. LM-70
 B-sect: R&M LM-45
 Tree:

7 X 4 1/2 1500# Screw on mandrel
 4 1/2 X 2 3/8 1500# Screw on mandrel

Surface Cement
 Cement w/ 208 sk Portland 1/11 ASTM C 150 Cement
 and displace w/745 gal of water

Producing ZONE Niobrara

Hole Size 9 7/8
 Surf Casing 7" 20# 12 jts meas 458
 Shoe 458.00

0

Hole Size 6 1/4
 Prod csg 4 1/2 11.6# 2868

TOC 1,720

Cement Design
 Cement
 w/85 sks type 1 neat cement .
 Displace w/41 brls water.

Stimulation Treatment

Comments

Date Completion history

