NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
http://emnrd.state.nm.us/ocd/District III/3district.htm

# BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 5/23/07 Operator BP America Prod Co API #30-0 45-27535

Property Name Federal 32 6 9 Well No. 1 Location: Unit A Sec 9 Twp 32N Rng 06W

Well Status(Producing) Initial PSI: Tubing 91 Intermediate __ Casing 91 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

PRESSURE

| Testing | Bradenhead | INTERM | | |
|---|---|---|---|---|
| | BH | Int | Csg | Int | Csg |
| TIME 5 min | 0 | | 91 | | |
| 10 min | | | | | |
| 15 min | | | | | |
| 20 min | | | | | |
| 25 min | | | | | |
| 30 min | | | | | |

**FLOW CHARACTERISTICS**

| | **BRADENHEAD** | **INTERMEDIATE** |
|---|---|---|
| Steady Flow | | |
| Surges | | |
| Down to Nothing | | |
| Nothing | X | |
| Gas | | |
| Gas & Water | | |
| Water | | |

OIL CONS. DIV DIST. 3

JUL 29 2014

**If bradenhead flowed water, check all of the descriptions that apply below:**

CLEAR ___ FRESH ___ SALTY ___ SULFUR ___ BLACK ___

**5 MINUTE SHUT-IN PRESSURE** BRADENHEAD ___ INTERMEDIATE ___

REMARKS:
NMOCD form completed by Chris Sandoz on 7/24/14 based on COGCC form dated 5/23/07

By Jody Garner Witness ___

Tech
(Position)

E-mail address ___

# BLM - COGC Colorado Bradenhead Test Report

Witness: Fm ( ) Well Name/Number: Federal 32-6-9 No.1 API# 3004527585

Fm ( )

A # Fm ( ) Operator: BP America Critical Area: Date: 5/23/07

A # Fm ( ) Qtr: NENE SEC: 9 Twn: 32 Rng: 6 Fed / Ind / State / Fee / Mineral

Well Status (circle one): (Flowing) Shut-In Clock/Intermitter / Gas Lift (Pumping) Injection Plunger Lift

Number of Casing Strings (circle one): (Three) Liner

STEP: 1: RECORD ALL TUBING AND CASING PRESSURES AS FOUND.

STEP 2: SAMPLE NOW, IF INTERMEDIATE OR SURFACE CASING PRESSURE > 25 PSI. (In sensitive areas, 5 PSI.)

STEP 3: BRADENHEAD TEST

| STEP 1: Record all pressures as found | Tubing Fm ( ) | Tubing Fm ( ) | Production Casing Fm ( ) | Interm Casing | Surface Casing |
|---|---|---|---|---|---|
| | | 91 | 91 | -3# | Ø |

Buried Valve? No Confirmed open? _____

With gauges monitoring production, intermediate casing and tubing pressures, open surface casing (bradenhead) valve. (If no intermediate casing, monitor only the production casing and tubing pressure.) Record pressures at five minute intervals. Define characteristic of flow in "Bradenhead Flow" column using letter designations below:

O = No flow; C = Continuous; D = Down to 0; V = Vapor; H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas

| STEP 3: BRADENHEAD TEST | | | | | |
|---|---|---|---|---|---|
| Elapsed Time (Min:Sec) | Tubing Fm ( ) | Tubing Fm ( ) | Prod Casing | Interm Casing | Bradenhead Flow |
| 00: | | 91 | 91 | | Ø |
| 05: Valve. | | | | End | Test. |
| 10: | | | | | |
| 15: | | | | | |
| 20: | | | | | |
| 25: | | | | | |
| 30: | | | | | |
| Note instantaneous Bradenhead PSIG at end of test: | | | | | Ø |

| BRADENHEAD SAMPLE TAKEN (circle) | | |
|---|---|---|
| Yes (No) | Gas | Liquid |
| Character of Bradenhead Fluid: Clear Fresh Salty Sulfur Black _____ | | |
| Sample Cylinder Number: | | |

STEP 4: INTERMEDIATE CASING TEST

Buried Valve? No Confirmed open? _____

With gauges monitoring production casing and tubing pressures, open the intermediate casing valve. Record pressures at five minute intervals. Characterize flow in "Intermediate Flow" column using letter designations below:

O = No flow; C = Continuous; D = Down to 0; V = Vapor; H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas

| STEP 4: INTERMEDIATE CASING TEST | | | | |
|---|---|---|---|---|
| Elapsed Time (Min:Sec) | Tubing Fm ( ) | Tubing Fm ( ) | Production Casing | Intermediate Flow |
| 00: Vac. | | 91 | 91 | Ø |
| 05: Valve. | | | End | Test. |
| 10: | | | | |
| 15: | | | | |
| 20: | | | | |
| 25: | | | | |
| 30: | | | | |
| Note instantaneous Intermediate PSIG at end of test: | | | | Ø |

| INTERMEDIATE SAMPLE TAKEN (circle) | | |
|---|---|---|
| Yes (No) | Gas | Liquid |
| Character of Intermediate Fluid: Clear Fresh Salty Sulfur Black _____ | | |
| Sample Cylinder Number: | | |

Remarks: _____

STEP 5: Send report to BLM within 30 days and to COGC within 10 days. Include wellbore diagram (if not previously submitted or if wellbore configuration has changed since prior diagram). Attach gas and liquid analysis if sampled. See reverse for details.

Test Performed by: Jody Garner Title: Tech. Phone Number: 505-947-4246

and certified true and correct. John R. Keene Date: 5/23/07

Witnessed By: _____ Witness Title: _____ Agency: _____