

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals)

5. Lease

NMNM-03551

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

1. Oil Well ☐ Gas Well ☐ Other ☐
GAS WELL

8. Well Name and No.

BREECH "E" 79

2. Name of Operator.

Caulkins Oil Company

9. API Well No.

30-039-29419-00C1

3. Address of Operator:

(505) 334-4323

1409 W. Aztec Blvd. Ste B7, Aztec, NM 87410

10. Field and Pool, Exploratory Area

DAKOTA, TOCITO

4. Location of Well (Footage, Sec., Twp., Rge.)

2595' F/N 1975' F/E

SEC. 1-26N-6W

11. Country or Parish, State

Rio Arriba Co., New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☐ Abandonment

☐ Change of Plans

☒ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Plugging Back

☐ Non-Routine Fracturing

☒ Casing Repair

☐ Water Shut-Off

☐ Final Abandonment Notice

☐ Altering Casing

☐ Conversion to Injection

☐ Other _____

☐ Dispose Water

17. Describe Proposed or Completed Operations:

7-16-07 Tests conducted on this well indicate a casing leak.

Thru Rigged up.

8-7-07 T.O.H. with 2 3/8" tubing.

T.I.H. with retrievable bridge plug and packer.

Set retrievable bridge plug at 5909', set packer at 5894'.

Tested retrievable bridge plug and packer, leaked.

Moved packer, reset, tested, leaked.

Dropped standing valve in tubing, tested, held OK.

T.O.H. with packer and retrievable bridge plug.

T.I.H. with new packer and retrievable bridge plug.

Set retrievable bridge plug at 5909', set packer at 5894', tested and leaked.

Moved retrievable bridge plug to 5973'.

Set packer at 5958', tested, leaked.

(continued on page 2)

RECEIVED
SEP 06 2007
Bureau of Land Management
Farmington Field Office

RCVD SEP 14 '07

OIL CONS. DIV.

DIST. 3

NOTE: The format is issued in lieu of U.S. BLM Form 3160-5

18. I HEREBY CERTIFY THE FOREGOING IS TRUE AND CORRECT

SIGNED: Robert L. Verquer
ROBERT L. VERQUER

TITLE: Superintendent DATE: September 4, 2007

ACCEPTED FOR RECORD

APPROVED BY: _____
CONDITIONS OF APPROVAL, IF ANY

TITLE: _____ DATE: SEP 13 2007

FARMINGTON FIELD OFFICE
BY [Signature]

NMOCD

7-16-07 T.O.H. with R-3 packer.
thru T.I.H. with fullbore packer.
8-7-07 Set packer at 1030', tested, held OK.
Set packer at 3030', tested casing, OK.
Set packer at 3419', tested casing, leaked 1000# to 600# in 1 minute through squeeze perforation at 3350'.
Tested below packer. Casing leaks 2 bbl/minute at 1000#.
Continued in hole with packer, set at 5945'.
Tested retrievable bridge plug at 5973', held 2000#, OK.
Moved packer to 5625'.
Tested, leaked 1 bmp at 1000#, through squeeze perforations, 5810' to 5690'.
Moved packer to 5366'.
Cemented squeeze perforations, 5690' to 5810', with 75 sacks (88.5 cu. ft.) 15 bbls type V neat cement, 15 bbls into displacement squeeze locked up with 2500# psi.
Released packer, reversed out, reset packer, pressured up on tubing to 2500#.
Held pressure on cement for 1 hour with no decrease in pressure.
Released packer, pulled 21 joints, set packer at 5171'.
Tested squeeze perforation at 5290', leaked 1 bpm at 800#.
Moved packer to 3549'.
Cemented squeeze perforations, 5150' to 5290', with 40 sacks (66 cu. ft.) 12 bbls type V cement with 10% gypsum, 2.5% bentonite and 2% CaCl.
Shut down displacement 4 bbls above squeeze perforation at 5150', waited 15 minutes.
Pressured up on squeeze with 2000#, held pressure on cement for 2 hours.
Released packer.
T.U.H. spotted 25 sacks (29.5 cu. ft.) 5.2 bbls at 3350'.
Moved packer to 2707', reversed out.
Set packer, pressured up to 1500#, held for 2 hours.
Released cementers.
Released packer, T.O.H.
T.I.H. with 4 3/4" bit on 2 3/8" tubing.
Tagged cement at 3205'.
Drilled out of cement at 3400'.
Pressure tested casing to 1000#, OK.

7-16-07 T.I.H. with 24 stands, tagged cement at 5054'.
thru Drilled out of cement at 5295'. Circulated hole clean.
8-7-07 T.O.H. with bit.
 T.I.H. with packer to 700'.
 Tested with 1000#, held OK.
 T.O.H. with packer.
 T.I.H. with 4 3/4" bit on 2 3/8" tubing.
 Tagged cement at 5361'.
 Drilled out of cement at 5703'.
 Circulated hole clean.
 T.O.H. with bit.
 T.I.H. with packer to 700'.
 Tested casing to 1000#, held OK.
 T.O.H. with packer.
 T.I.H. with retrieving head on 2 3/8" tubing.
 Latched onto retrievable bridge plug.
 T.O.H. with retrievable bridge plug.
 T.I.H. with 2 3/8" production tubing.
 Cleaned out to 8006' with air package.
 Landed tubing on doughnut at 7938'.
 Rigged down and moved.