

**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-03554

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

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

2. Name of Operator:

Caulkins Oil Company

3. Address of Operator: (505) 632-1544

P.O. Box 340, Bloomfield, NM 87413

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

990' F/N 1090' F/E

SEC. 12-26N-6W

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OIL CON. DIV.
DIST. 3

8. Well Name and No.

BREECH "C" 144

9. API Well No.

30-039-08156-00-D1

10. Field and Pool, Exploratory Area

BASIN DAKOTA, SO. BLANCO TOCITO

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
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Temporary Abandonment</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

17. Describe Proposed or Completed Operations:

6-15-98 Following is a subsequent report of completed operations performed on well during 1997 workover program. Please excuse this late report as it was overlooked during reporting procedures for the prior year.

9-17-97 Rigged up.

thru Pulled and salvaged 1 1/4" Dakota tubing set in crossover at 6961'.

10-3-97 Pulled and salvaged 2 3/8" slimhole J and L tubing with crossover and seal assembly from model "D" packer set at 7436'.

T.I.H. with retrievable bridge plug and set at 7037' to TA Dakota perforations, 7456' to 7685'.

T.I.H. with 2nd retrievable bridge plug and set at 5717' to TA Tocito perforations, 6978' to 6992'.

Pressure tested 5 1/2" casing to top of retrievable bridge plug at 5717'.

Test failed - injection rate 4 bbls/min. at 1100# psi.

Ran Gas Spectrum Log with Bluejet Wireline Services through Mesa Verde zone.

T.I.H. with model "C" fullbore packer on 2 3/8" tubing searching for leak in casing.

Isolated holes in casing at 4908' and 2955'.

(continued on page 2)

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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 TITLE: Superintendent DATE: June 16, 1998
ROBERT L. VERQUER

APPROVED BY: _____ TITLE: _____ DATE: _____
CONDITIONS OF APPROVAL, IF ANY ACCEPTED

JUN 19 1998

[Signature]

NMOCD

FARMINGTON DISTRICT OFFICE

9-17-97 Set packer at 4750'.
thru Cemented hole in casing at 4908' with 100 sacks class "B" neat cement plus 2% CaCl, displaced with 18.8 bbls H₂O.
10-3-97 Squeezed and held 1500# on cement for 30 minutes.
(cont.) Released packer and tripped out of hole to 2800', reset packer.
Cemented hole in casing at 2955' with 400 sacks 65/35/6% gel plus 1/4# cellophane flake followed by 100 sacks class "B" neat cement plus 2% CaCl, displaced with 15 bbls H₂O.
Shut well in over weekend holding 800# on tubing and 1200# on casing.
Released packer set at 2800'.
T.O.H. with 2 3/8" tubing and packer.
T.I.H. with 2 3/8" tubing and bit.
Tagged cement at 2664'.
Drilled cement out and fell free at 3070'.
Tested casing with 1000# for 30 minutes – held OK.
Continued in hole.
Drilled out cement over hole in casing at 4908'.
Tested casing to 1500# for 30 minutes – held OK.
Continued in hole to top of retrievable bridge plug at 5717'.
Rolled hole with KCL water.
T.O.H. laying down 2 3/8" tubing.
Perforated Mesa Verde zone with one .32 diameter hole at the following depths:
5652', 5595', 5573', 5559', 5545', 5527', 5508', 5496', 5477', 5468', 5455', 5032', 5014', and 5006' (14 holes).
T.I.H. with 2 7/8" tubing with Baker model R-3 packer.
Set packer at 4970'.
Frac'd Mesa Verde perforations down 2 7/8" tubing with 85,620#, 20/40 mesh Arizona sand and 1500 bbls of 15# low gel slick water.
Initial shut down pressure, 750#.
T.O.H. laying down 2 7/8" frac string with R-3 packer.
T.I.H. with 1 1/2" production tubing.
Landed tubing on flange at 5302'.

10-6-97 Mesa Verde zone has been swabbed periodically since being completed but has been incapable of sustaining gas flow
thru due to high volume of water being produced. A sundry notice will be filed with our intentions to either P&A or isolate
Present water source in this zone.