

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-03547

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 "F" 45-M

2. Name of Operator:

Caulkins Oil Company

9. API Well No.

30-039-23638-00S3

3. Address of Operator:

(505) 632-1544

10. Field and Pool, Exploratory Area

P.O. Box 340, Bloomfield, NM 87413

OTERO CHACRA

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

11. Country or Parish, State

990' F/N 990' F/W

SEC. 35-27N-6W

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

☒ Recompletion

☐ New Construction

☒ Subsequent Report

☐ 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:

10-16-00 Pressure tested casing to 4000#, held OK.

Perforated zone, 4787' to 4258', with 40 select fire .34 diameter holes.

Balled off perforations with 1000 gallons 15% acid.

10-17-00 Nitrogen foam frac'd zone with 150,000# 20/40 Brady sand and 55,730 gallons 60Q N₂ foam.

Flowed well back through 3/4" choke.

10-30-00 Rigged up.

T.I.H. with 2 3/8" tubing.

Cleaned out to 4796' with air package.

Laid down 2 joints.

Landed tubing on doughnut at 4720'.

Flowed well overnight to clean up.

10-31-00 Shut in for 7 day potential test.



(continued on page 2)

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: January 11, 2001
ROBERT L. VERQUER

ACCEPTED FOR RECORD

APPROVED BY: STEVEN N. HAYDEN DEPUTY OIL & GAS INSPECTOR, DIST. 3
CONDITIONS OF APPROVAL, IF ANY

JUN 16 2001

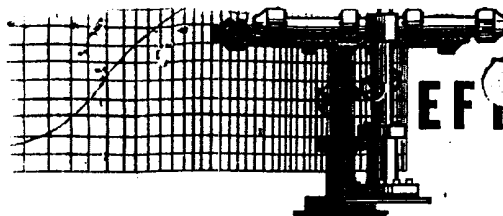
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Caulkins Oil Company
BLM Sundry Notice
Breech "F" 45-M
January 11, 2001
Page 2

- 11-7-00 Shut-in tubing - 511 psig. Casing – 505 psig.
3 hour potential test calculated at 340 MCF/D.
Bottom hole pressure test attached.
Well shut in waiting on NMOCD C-104 approval.
- 11-29-00 Well first delivered to Williams Field services through meter #39644.
Upon approval of NMOCD C-104 this well will produce as a single Chacra with Dakota and Mesa Verde
zones temporarily abandoned below a retrievable bridge plug set at 4815’.



BHP • BU • PI • DO • GWT • RFS • GOR • FL • TS

TEFTELLER, INC.

reservoir engineering data

MIDLAND, TEXAS / FARMINGTON, NEW MEXICO
GRAND JUNCTION, COLORADO

P. O. Box 5278
Midland, Texas 79704-5278
(915) 694-0477

Midland Fax (915) 694-7602
Farmington Fax (505) 325-1148
Grand Junction Fax (970) 241-7634

November 8, 2000

Caulkins Oil Company
Box 340
Bloomfield, NM 87413

Attn: Mr. Robert Verquer

Subject: Bottomhole Pressure Measurement
Breach No. F-45M
Rio Arriba County, New Mexico
File No. 2-50535-P

Dear Mr. Verquer:

Attached hereto are the results of a bottom hole pressure measurement which was conducted on the above captioned well November 7, 2000.

The data presented are in tabular and graphical form.

It has been our pleasure to have conducted this service for you. If we may be of further assistance, please call us at any time.

Respectfully submitted,

TEFTELLER, INC.

Neil Tefteller

NT:lw

Serving the Permian Basin & Rocky Mountain Area

Company: Caulkins Oil Company
Well: Breech No. F-45-1
Field:
Engineer: Neil Tefteller
Gauge Type: Amerada
Gauge Range: 0-2700
Gauge Depth: 4720 ft
Serial No.: 55170

County: Rio Arriba
State: New Mexico
Date: 11/7/2000
Well Type:
Test Type: Static Gradient
Status: Shut in
File Name: 50535

Tubing: 2 3/8 TO
Tubing: TO
Casing: TO
Perfs.:
Shut-in Time 168 hrs

Oil Level
H2O Level

Shut-in BHP 578 @ 4720 ft Shut-in BHT 135 F @ 4720 ft
Shut-in WHP 509 Shut-in WHT 0 F
Casing CSGP 505

[Tefteller Incorporated]

#	MD	TVD	PRESSURE	PSI/ft
1	0	0	509.00	
2	1000	1000	523.00	0.014
3	2000	2000	536.00	0.013
4	3000	3000	551.00	0.015
5	4000	4000	567.00	0.016
6	4320	4320	572.00	0.016
7	4520	4520	575.00	0.015
8	4720	4720	578.00	0.015

SN @ 4720'

