

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-~~000~~

3. Address of Operator:

(505) 632-1544

10. Field and Pool, Exploratory Area

P.O. Box 340, Bloomfield, NM 87413

DAKOTA, MESA VERDE, CHACRA

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

990' F/N 990' F/W

SEC. 35-27N-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 Commingle Well

☐ Dispose Water

17. Describe Proposed or Completed Operations:

4-25-01 Rigged up.

Thru Cleaned out to top of retrievable bridge plug at 4815' with air foam unit.

5-2-01 Released plug and T. O. H.

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

Tagged sand at 6567'.

Cleaned out with air foam unit from 6567' to 7598'.

Landed 2 3/8" production tubing on flange at 7506'.

Rigged down and moved.

Well now commingled Dakota - Mesa Verde - Chacra, NMOCD order #DHC-659.



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: July 26, 2002

ACCEPTED FOR RECORD

APPROVED BY: _____ TITLE: _____ DATE: JUL 29 2002
CONDITIONS OF APPROVAL, IF ANY

FARMINGTON FIELD OFFICE
BY [Signature]

NMOCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL GAS
WELL — WELL — X DRY — Other FARMINGTON, NM
b. TYPE OF COMPLETION:
NEW WORK DEEP- PLUG DIFF.
WELL — OVER — EN — BACK — RESVR. X Other —

2. NAME OF OPERATOR

CAULKINS OIL COMPANY

3. ADDRESS OF OPERATOR

P.O. BOX 340

BLOOMFIELD, NM 87413

Ph. (505) 632-1544

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

990' F/N 990' F/W

At top prod. interval reported below

At total depth

14. PERMIT NO.

30-039-23638

DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED

6/15/85

16. DATE T.D. REACHED

7/2/85

17. DATE COMPL. (Ready to pro.)

10/30/00

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6577 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7650'

21. PLUG, BACK T.D., MD & TVD

7650'

22. IF MULTIPLE COMPL.

HOW MANY*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

0' - 7650'

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD and TVD)*

4258' - 4787' OTERO CHACRA

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE OF ELECTRIC AND OTHER LOGS RUN

GSL Log

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	426'	12 1/4"	260 sacks	
5 1/2"	15.5# & 17#	7650'	7 7/8"	1400 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4720'	

31. PERFORATION RECORD (Interval, size and number)

40 holes .34 diameter

4258'	4302'	4438'	4517'	4573'	4640'	4722'	4759'
4273'	4309'	4451'	4556'	4580'	4679'	4732'	4767'
4277'	4332'	4461'	4558'	4595'	4696'	4737'	4773'
4284'	4338'	4475'	4560'	4607'	4704'	4751'	4777'
4288'	4422'	4494'	4567'	4616'	4714'	4757'	4787'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4258' - 4787'	150,000# 20/40 Brady sand and 55,730 gal. 600 N2

33. * PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)					WELL STATUS (Producing or shut-in)	
		Flowing					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO	
		3/4"	→					
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATED	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY-API (CORR.)		
		→				ACCEPTED FOR RECORD		

34. DISPOSITION OF GAS: (Sold, used for fuel, vented, etc.)

Vented

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Robert I. Vargas

TITLE Superintendent

DATE October 31, 2000

This format is in lieu of Bureau of Land Management form 3160-4.

OPERATOR

ACCEPTED FOR RECORD

TEST WITNESSED BY

NOV 16 2000

FARMINGTON FIELD OFFICE
BY [Signature]



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

2ND AMENDMENT ADMINISTRATIVE ORDER DHC-659

Caulkins Oil Company
P.O. Box 340
Bloomfield, New Mexico 87413

Attention: Mr. Robert L. Verquer

*Breech "F" No. 45-M
API No. 30-039-23638
Unit D, Section 35, Township 27 North, Range 6 West, NMPM,
Rio Arriba County, New Mexico
Otero-Chacra (Gas - 82329),
Blanco-Mesaverde (Prorated Gas - 72319) and
Basin-Dakota (Prorated Gas - 71599) Pools*

Dear Mr. Verquer:

Reference is made to your recent application for an amendment to that portion of Amended Division Order No. DHC-659 dated December 22, 1987, that authorized the downhole commingling of Blanco-Mesaverde and Basin-Dakota Gas Pool production within the Breech "F" Well No. 45-M, to add the Otero-Chacra Gas Pool as a third commingled zone in the well.

It appearing that the subject well qualifies for approval for such amendment pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Otero-Chacra Gas Pool	Oil-0%	Gas-31%
Blanco-Mesaverde Gas Pool	Oil-46%	Gas-10%
Basin-Dakota Gas Pool	Oil-54%	Gas-59%


REMARKS: The operator shall notify the Aztec District Office of the Division upon implementation of commingling operations.

Pursuant to Rule 303.C.(2), the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

All other provisions contained within Amended Division Order DHC-659 that are not inconsistent with those provisions contained herein shall remain in full force and effect.

Approved at Santa Fe, New Mexico on this 5th day of June, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



LORI WROTENBERY
Director

S E A L

LW/DRC

cc: Oil Conservation Division - Aztec
Bureau of Land Management-Farmington

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMNM-03547

SUNDRY NOTICES AND REPORTS ON WELLS

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2. Name of Operator:

Caulkins Oil Company

9. API Well No.

30-039-23638-00C1

3. Address of Operator:

(505) 632-1544

P.O. Box 340, Bloomfield, NM 87413

10. Field and Pool, Exploratory Area

DAKOTA, MESA VERDE, CHACRA

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

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☐ Dispose Water

17. Describe Proposed or Completed Operations:

3-23-01

We request approval to downhole commingle this well by the following procedure.

T.I.H. and latch onto retrievable bridge plug set at 4815'.

T.O.H. with 2 3/8" Otero Chacra production tubing from 4720' with retrievable bridge plug.

T.I.H. with 2 3/8" production tubing, clean out to PBTB with air package.

Land tubing on doughnut at approximately 7560'.

Oil Conservation Division Order #R-11363.

Basin Dakota (71599), Mesa Verde (72319) and Otero Chacra (82329)

Perforations: Dakota (7368' - 7582'), Mesa Verde (4849' - 5481') and Otero Chacra (4258' - 4787')

Allocations

Dakota

Mesa Verde

Chacra

Oil

54%

46%

0%

Gas

59%

10%

31%

2001 MAR 28 PM 2:13

(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
ROBERT L. VERQUER

TITLE: Superintendent

DATE: March 23, 2001

APPROVED BY:

Ami Javal

TITLE: Petr. Eng.

DATE: 1/31/02

CONDITIONS OF APPROVAL, IF ANY

JAN 31 2002

OPERATOR

Caulkins Oil Company
BLM Sundry Notice
Breech "F" 45-M
March 23, 2001
Page 2

Please see attached 12 month production history.

Commingling will not reduce the production value in this well.

No new surface will be disturbed, location area will be cleaned up when workover operations are completed.

Estimated starting date, as soon as rig is available.

New Mexico Oil Conservation Division has been notified of this commingling procedure.

JAN 31 2002

mt

**LAST 12-MONTHS PRODUCTION
FOR
BREECH F 45-M**

DAKOTA

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
08/99	3,123	4	1	18	174	0.222
09/99	2,299	2	0	14	164	0.143
10/99	5,302	1	0	31	171	0.032
11/99	5,160	12	2	30	172	0.400
12/99	4,674	10	2	31	151	0.323
01/00	4,447	12	2	30	148	0.400
02/00	4,388	7	1	29	151	0.241
03/00	4,664	8	1	30	155	0.267
04/00	4,442	10	2	30	148	0.333
05/00	4,030	6	1	31	130	0.194
06/00	3,936	3	0	29	136	0.103
07/00	3,940	4	1	31	127	0.129
	50,405	79	13		152	0.232

MESA VERDE

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
08/99	497	3	0	18	28	0.167
09/99	367	2	0	14	26	0.143
10/99	844	0	0	31	27	0.000
11/99	821	11	2	30	27	0.367
12/99	750	8	1	31	24	0.258
01/00	714	10	2	30	24	0.333
02/00	704	7	1	29	24	0.241
03/00	747	6	1	30	25	0.200
04/00	714	9	1	30	24	0.300
05/00	654	5	1	31	21	0.161
06/00	636	3	0	29	22	0.103
07/00	640	3	0	31	21	0.097
	8,088	67	9		24	0.198

			CHACRA			
MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
11/00	159	0	0	2	80	0.000
12/00	3,106	0	0	30	104	0.000
01/01	1,467	0	0	31	47	0.000
02/01	2,438	0	0	27	90	0.000
	7,170	0	0		80	0.000

JAN 3 2002

MA