

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

NMSW44

NMNM - 03552

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., Rgc.)

995' F/N 1580' F/W

SEC. 22-26N-6W

8. Well Name and No.

REUTER 344

9. API Well No.

30-039-06421-00S1

10. Field and Pool, Exploratory Area

BASIN DAKOTA

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

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Temporarily Abandon

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

17. Describe Proposed or Completed Operations:

12-22-99 We intend to temporarily abandon Basin Dakota then recompleat well in Blanco Mesa Verde formation by following procedure:

T.O.H. with 1 1/4" tubing from 7261'.

Run wireline set retrievable bridge plug and set at 7200'. Dakota perforations, 7256' - 7493'.

Pressure test 5" casing to 3000#.

Run GSL correlation log through Mesa Verde formation.

Perforate Mesa Verde zone (4810' - 5397') with 30 to 40 select fire shots.

Ball off perforations to 3000#.

Frac Mesa Verde with approximately 100,000# 20/40 Brady sand and 80,000 gallons Ambor 1020 with SPE.

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

Land tubing at approximately 5350'.

Flow to clean up, test and produce Mesa Verde to sales line.

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

Estimated starting date, January 17, 2000.

ATTACHED: NMOCD C-102 for Mesa Verde

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: December 23, 1999

APPROVED BY:

Chip Hansen  
CONDITIONS OF APPROVAL, IF ANY

TITLE: Acting Team Lead

DATE: 1/10/00

OPERATOR

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code 72319		<sup>3</sup> Pool Name MESA VERDE	
<sup>4</sup> Property Code 2462		<sup>5</sup> Property Name Reuter			<sup>6</sup> Well Number 344
<sup>7</sup> OGRID No. 003824		<sup>8</sup> Operator Name Caulkins Oil Company			<sup>9</sup> Elevation 6667 GL

<sup>10</sup> Surface Location

UL or lot no. C	Section 22	Township 26N	Range 6W	Lot Idn	Feet from the 955'	North/South line North	Feet from the 1580'	East/West line West	County Rio Arriba
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 320		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
	Signature <i>Robert L. Verquer</i> Printed Name Robert L. Verquer Title Superintendent Date December 22, 1999	
	<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date of Survey	
	Signature and Seal of Professional Surveyor:  Certificate Number	

BLM CONDITIONS OF APPROVAL

Operator Caulkins Oil Company

Well Name Reuter #344

Legal Location 995' FNL/ 1580' FWL

Sec. 22, T. 26 N, R. 6 W.

Lease Number NM-03552

Field Inspection Date 1-07-00

The following stipulations will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to the BLM and the operator a contradictory environmental stipulation. The failure of the operator to comply with these requirements may result in the assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on the location during construction, drilling and reclamation activity.

An agreement between operator and fee land owner will take precedence over BLM surface stipulations unless (In reference to 43 CFR Part 3160): 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal federal restoration requirements will be required.

**STANDARD STIPULATIONS FOR ALL WORKOVERS:** All surface areas disturbed during workover activities and not in use for production activities, will be reseeded the first July-September period after the well has been put back into production. This should occur in the first 12 months after completion of workover activities.

**SPECIAL STIPULATIONS FOR THIS SITE:**

1. Pits will be fenced during workover operation.
2. All disturbance will be kept on existing pad.
3. Empty and reclaim pit after work completed.
4. Pits will be lined with an impervious material at least 8 mils thick. Prior to closing the pit, the liner will be cut off at mud level. The excess liner will be hauled to a licensed disposal area.
5. No construction, drilling or completion activities shall be conducted between May 1 to July 15 because of antelope fawning.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
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ISC  
NMNM-03552

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

NMNM73764

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

8. Well Name and No.

REUTER 344

2. Name of Operator:

Caulkins Oil Company

9. API Well No.

30-039-06421

3. Address of Operator:

(505) 632-1544

10. Field and Pool, Exploratory Area

P.O. Box 340, Bloomfield, NM 87413

MESA VERDE

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

11. Country or Parish, State

995' F/N 1580' F/W

SEC. 22-26N-6w

Rio Arriba Co., New Mexico

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

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☐ Abandonment

☐ Change of Plans

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☒ Recompletion

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☐ Non-Routine Fracturing

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☐ Water Shut-Off

☐ Final Abandonment Notice

☐ Altering Casing

☐ Conversion to Injection

☐ Other \_\_\_\_\_

☐ Dispose Water

17. Describe Proposed or Completed Operations:

AMENDED REPORT

8-2-00

Rigged up.

T.O.H. and salvaged 1 1/4" production tubing.

8-3-00

Run wireline set retrievable bridge plug to 5420'.

Run Bond log, 5412' - 3950'. Run GSL log, 5412' - 3850'.

8-7-00

Perforated Mesa Verde zone, 4712' - 5397'.

T.I.H. with 2 7/8" work string with 5" R-3 packer to 4674'.

Balled off Mesa Verde perforation with 7 1/2% acid then released packer, knocked balls off.

8-8-00

Frac'd well with 49,000# 20/40 Arizona sand and 47,699 70 dhmq N2 foam.

Flowed well back over night through 1/2" choke.

8-9-00

Released packer and T.O.H. laying down 2 7/8" work string.

T.I.H. with 2 3/8" tubing with retrieving head on bottom.

Landed tubing on flange at 5334'.

Dakota zone is temporarily abandoned to test Mesa Verde completion.

Now flowing through tubing to clean up.

Waiting on first delivery of Mesa Verde zone to El Paso Field Services.

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:

August 22, 2000

APPROVED BY:

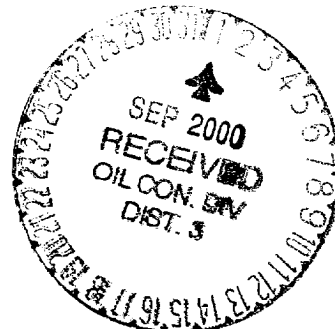
TITLE:

DATE:

AUG 24 2000

CONDITIONS OF APPROVAL, IF ANY

OPERATOR



STAMPED OFFICE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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7. Unit Agreement Name

NMNM73764

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GAS WELL

070 PAT

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REUTER 344

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Caulkins Oil Company

9. API Well No.

30-039-06421

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10. Field and Pool, Exploratory Area

P.O. Box 340, Bloomfield, NM 87413

MESA VERDE

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

995' F/N 1580' F/W

SEC. 22-26N-6w

11. Country or Parish, State

Rio Arriba Co., New Mexico

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T.O.H. and salvaged 1 1/4" production tubing.

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Run Bond log, 5412' - 3950'. Run GSL log, 5412' - 3850'.

8-7-00 Perforated Mesa Verde zone, 4712' - 5397'.

T.I.H. with 2 7/8" work string with 5" R-3 packer to 4674'.

Balled off Mesa Verde perforation with 7 1/2% acid then released packer, knocked balls off.

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Flowed well back over night through 1/2" choke.

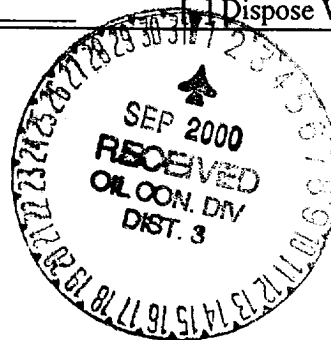
8-9-00 Released packer and T.O.H. laying down 2 7/8" work string.

T.I.H. with 2 3/8" tubing with retrieving head on bottom.

Landed tubing on flange at 5334'.

Now flowing through tubing to clean up.

Waiting on first delivery to El Paso Field Services.



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: August 15, 2000  
ROBERT L. VERQUER

APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY

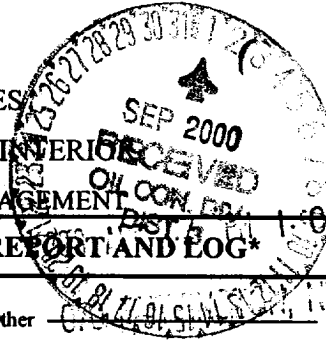
11G 2 2000

OPERATOR

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 WELL — GAS WELL X DRY — Other —  
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

995' F/N 1580' F/W

At top prod. interval reported below

At total depth

14. PERMIT NO.

30-039-06421

DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED

11/23/62

16. DATE T.D. REACHED

12/13/62

17. DATE COMPL. (Ready to pro.)

8/15/00

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

6679 DF

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7575'

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

7575'

22. IF MULTIPLE COMPL.  
HOW MANY\*

23. INTERVALS  
DRILLED BY

ROTARY TOOLS

0' - 7575

CABLE TOOLS

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

4712' - 5397' MESA VERDE

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE OF ELECTRIC AND OTHER LOGS RUN

GSL and Bond logs

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#	250'	12 1/4"	200 sacks	
5"	15#	7575'	7 7/8"	730 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5334'	

31. PERFORATION RECORD (Interval, size and number)

40 holes .34 diameter								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
								DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4712'	4800'	4898'	4957'	5068'	5264'	5315'	5363'	4712' - 5397'	49,000# 20/40 Arizona sand and 47,699 gallons 70 dhmq N2 foam
4718'	4810'	4904'	4968'	5091'	5268'	5325'	5372'		
4723'	4828'	4916'	4983'	5098'	5283'	5336'	5381'		
4738'	4858'	4927'	4990'	5245'	5303'	5341'	5390'		
4786'	4874'	4947'	5032'	5253'	5307'	5347'	5397'		

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	
8/15/00	3 hours	3/4"	→	.20	1076	trace		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATED	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY-API (CORR.)		
717	1098	→	1.60	8608	trace			

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

Vented

TEST WITNESSED BY

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 Z Vergara

TITLE

Superintendent

DATE

August 15, 2000