

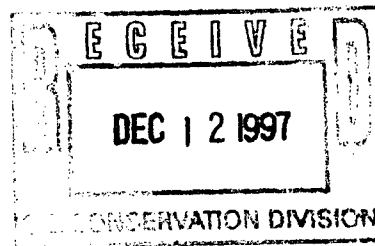
NSL 1/2/98

CAULKINS OIL COMPANY

P.O. BOX 340
BLOOMFIELD, NEW MEXICO 87413

December 5, 1997

State of New Mexico
Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505



Re: NSL Breech "A" 136
890' F/N and 990' F/E
Sec. 10-26N-6W
Rio Arriba County, New Mexico

Gentlemen:

We are requesting administrative approval for a non-standard location.

Original approval to drill and complete a Dakota well was received on November 26, 1963.

Well was spudded on November 27, 1963.

TD of 7605' was reached on December 19, 1963.

Permission was received to temporarily plug the Dakota zone and test the Tocito zone on June 13, 1997.

Perforating and treating has been completed. Commercial oil production from the Tocito zone has been developed.

A standard location for South Blanco Tocito well, Order No. R-326 requires that a Tocito well be drilled in the center of Northwest Quarter of Quarter Section.

Tocito zone dedicated acreage 80 acres.

All off-set acreage is operated by Caulkins Oil Company.

Sincerely,

A handwritten signature in cursive script that reads "Robert L. Verquer".

Robert L. Verquer
Superintendent

enc: BLM sundry notice dated December 3, 1997
State form C-102
Location map showing off-set wells

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

NMSF-079035-A

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 "A" 136

2. Name of Operator:

Caulkins Oil Company

9. API Well No.

30-039-06629

3. Address of Operator:

(505) 632-1544

10. Field and Pool, Exploratory Area

P.O. Box 340, Bloomfield, NM 87413

South Blanco Tocito

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

890' F/N 990' F/E Sec. 10-26N-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:

9-17-97

Rigged up.

Pressure tested 4 1/2" casing to top of R-3 packer set at 5563'.

Casing leaked - injection rate was 2 bbls/min. at 2500#.

Notified BLM and NMOC D of plans to repair casing.

T.O.H. with 2 3/8" tubing and model R-3 packer.

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

Set retrievable bridge plug at 4030'.

9-18-97

Isolated leak in casing at 2715'.

Set packer at 2336'.

Spotted 5 bbls class "B" neat cement down 2 3/8" tubing.

Displaced with 11 1/2 bbls H2O, squeezed hole at 2715' with 2800# pressure.

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: December 3, 1997

ROBERT L. VERQUER

APPROVED BY:

TITLE:

DATE:

CONDITIONS OF APPROVAL, IF ANY

9-18-97 Held pressure on cement for 30 minutes.

Released pressure -- had no returns.

T.O.H. laying down 2 3/8" tubing with packer.

9-19-97 Waiting on cement.
thru
9-28-97 Waiting on rig.

9-29-97 Rigged up.

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

Drilled out cement over hole in casing at 2715'.

Tested casing with 1000# - held OK for 30 minutes.

T.O.H. with bit.

T.I.H. to retrieve bridge plug at 4030'.

T.O.H. with retrievable bridge plug.

Ran wireline set cast iron bridge plug and set at 6921'.

Perforated Tocito zone with two holes per foot from 6836' to 6847' and 6865' to 6873'.

9-30-97 T.I.H. with 2 3/8" tubing to 6870'.

Swabbed well dry.

No oil show.

Gas volume was too small to measure.

Rigged down.

Waiting on frac equipment.

10-3-97 Rigged up.

T.O.H. laying down 2 3/8" tubing.

T.I.H. with 2 7/8" tubing and 4 1/2" model R-3 packer.

Set packer at 5515'.

Continued on page 3.

10-4-97 Nitrogen foam frac'd Tocito zone with 28,820# 20/40 Arizona sand.
Initial shut down pressure – 1750#.
15 minute shut-in pressure – 1180#.

10-6-97 T.O.H. laying down 2 7/8" tubing with R-3 packer.
T.I.H. and landed 2 3/8" tubing at 6840'.

11-3-97 Ran gas-oil ratio test.
Shut-in casing – 1180#.
Shut-in tubing – 893#.
Flowed well 1 hour through 3/4 choke to flow tank.
Produced 7.34 bbls oil and 49 MCF gas during 1 hour test.

11-18-97 Bottom hole pressure measured at 1548#.

11-21-97 Rigged up.
Drilled out cast iron bridge plug at 6921'.
Cleaned out casing with air package to 7570'.
Dakota bottom perforation at 7532'.
Landed tubing on doughnut at 7526'.
Well shut-in waiting on approval to commingle.

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

| | | | |
|---|--|---------------------------------|---|
| ¹ API Number 30-039-06629 | | ² Pool Code 06460 | ³ Pool Name South Blanco Tocito |
| ⁴ Property Code 2455 | ⁵ Property Name Brecch "A" | | ⁶ Well Number 136 |
| ⁷ OGRID No. 3824 | ⁸ Operator Name Caulkins Oil Company | | ⁹ Elevation 6645 |

¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| M | 10 | 26N | 6W | | 890' | North | 990' | East | Rio Arriba |

¹¹ 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | | | |
|-------------------------------------|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 80 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ 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

| | | | | | |
|----|--|--|--|--|--|
| 16 | | | | | ¹⁷ 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 5, 1997 |
| | | | | | ¹⁸ 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 Date of Survey Signature and Seal of Professional Surveyor: Certificate Number |

District I
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|---|--|--|--|--|---------------------------------|
| ¹ API Number 30-039-06629 | | ² Pool Code 71599 | | ³ Pool Name Basin Dakota | |
| ⁴ Property Code 2455 | | ⁵ Property Name Breech "A" | | | ⁶ Well Number 136 |
| ⁷ OGRID No. 3824 | | ⁸ Operator Name Caulkins Oil Company | | | ⁹ Elevation 6645 |

¹⁰ Surface Location

| | | | | | | | | | |
|--------------------|---------------|-----------------|-------------|---------|-----------------------|---------------------------|-----------------------|------------------------|----------------------|
| UL or lot no. M | Section 10 | Township 26N | Range 6W | Lot Idn | Feet from the 890' | North/South line North | Feet from the 990' | East/West line East | County Rio Arriba |
|--------------------|---------------|-----------------|-------------|---------|-----------------------|---------------------------|-----------------------|------------------------|----------------------|

¹¹ Bottom Hole Location If Different From Surface

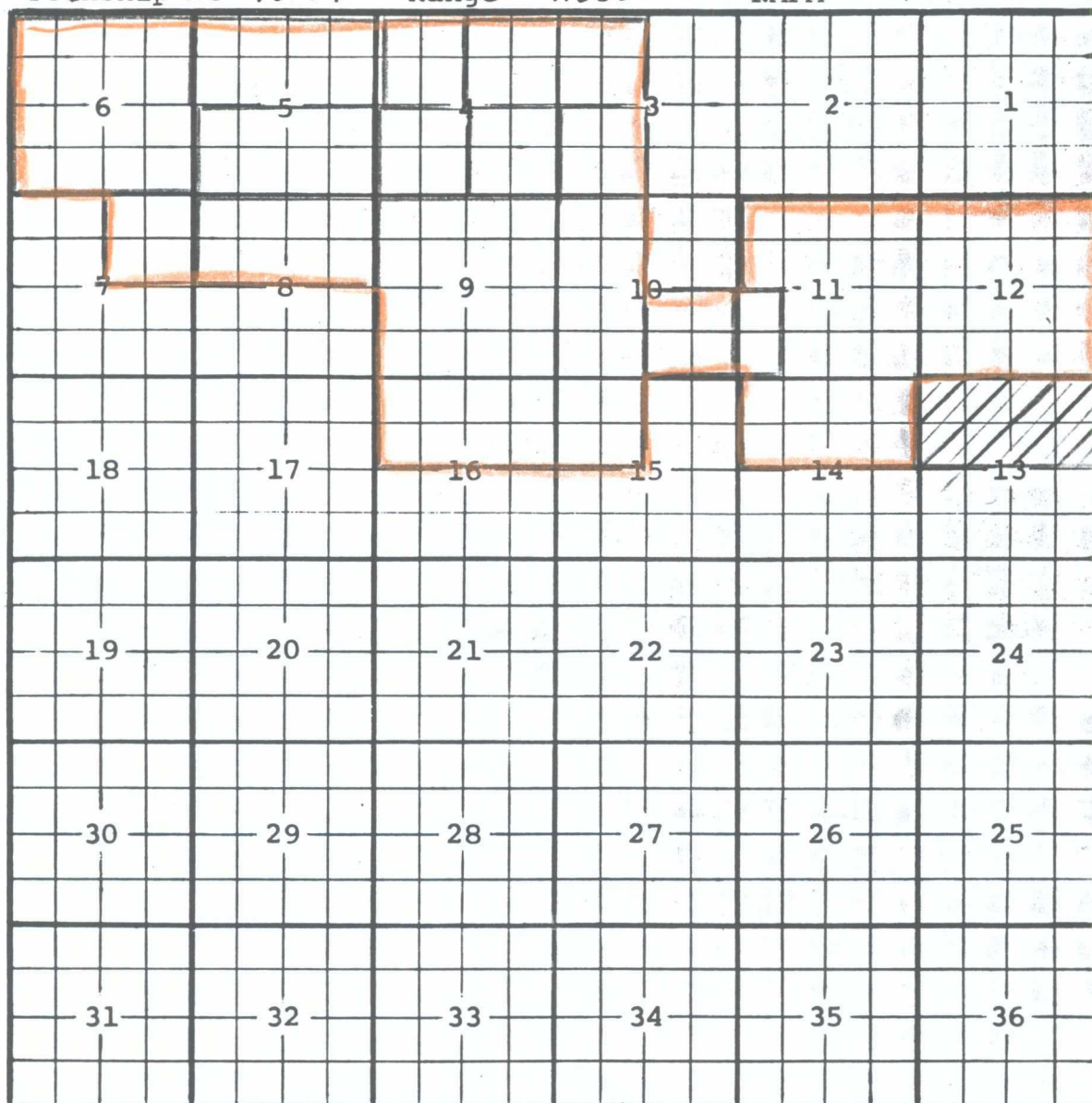
| | | | | | | | | | |
|--------------------------------------|---------|-------------------------------|-------|----------------------------------|---------------|-------------------------|---------------|----------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the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

| | | | | | | |
|----|--|--|--|---|--|--|
| 16 | | | | | ¹⁷ 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 5, 1997 | |
| | | | | ¹⁸ 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 | | |
| | | | | Date of Survey | | |
| | | | | Signature and Seal of Professional Surveyor: | | |
| | | | | Certificate Number | | |

County Rio ArribaPool South Blanco-Tocito OilTownship 26 NorthRange 6 West

NMPM



Description: All Sec. 9; $\frac{W}{2}$ Sec. 10; $\frac{NW}{4}$ Sec. 15; $\frac{N}{2}$ Sec. 16 (R-132, 3-26-52)

Ext: $\frac{SW}{4}$ Sec. 3; $\frac{SE}{4}$ Sec. 4 (R-166, 6-19-52) - $\frac{SE}{4}$ Sec. 10 (R-311, 4-10-53)

Pool Name Change (R-321) - $\frac{SW}{4}$ Sec. 4 (R-366, 9-17-53)

- $\frac{N}{2}$ Sec. 8 (R-394, 11-24-53) - $\frac{S}{2}$ Sec. 5; All Sec. 6 (R-406, 2-26-54)

- $\frac{NE}{4}$ Sec. 7 (R-409, 3-31-54) - $\frac{W}{2}$ $\frac{SW}{4}$ Sec. 11 (R-1239, 9-1-58) - $\frac{N}{2}$, $\frac{SE}{4}$, $\frac{E}{2}$ $\frac{SW}{4}$ Sec. 11;

All Sec. 12; $\frac{N}{2}$ Sec. 13; $\frac{N}{2}$ Sec. 14 (R-2858, 2-1-65)

Deletion: $\frac{N}{2}$ Sec. 13 (R-3281, 8-1-67) Ext: $\frac{NW}{4}$ Sec. 4 (R-7495, 4-5-84)

Ext: $\frac{NW}{4}$ Sec. 3, $\frac{NE}{4}$ Sec. 4 (R-8417, 3-24-87) Ext: $\frac{N}{2}$ Sec. 5 (R-9982, 10-1-93)