

**CAULKINS OIL COMPANY**

P.O. BOX 340  
BLOOMFIELD, NEW MEXICO 87415  
September 3, 1990

OIL CONSERVATION DIVISION  
RECEIVED  
'90 SEP 7 AM 8 21

New Mexico Conservation Division  
Post Office Box 2088  
Santa Fe, New Mexico

Re: NSL Breech "C" 144-E  
1650' F/W and 990' F/N  
Section 12, 26N 6W  
Rio Arriba County, New Mexico

Gentlemen,

Original approval to drill Dakota well received as amended April 6, 1990.

Extention of approval received April 9, 1990.

Well spudded May 30, 1990.

TD of 7647' reached June 25, 1990.

After reviewing logs, it was decided to dual complete well as a Tocito Oil-Dakota Gas Well.

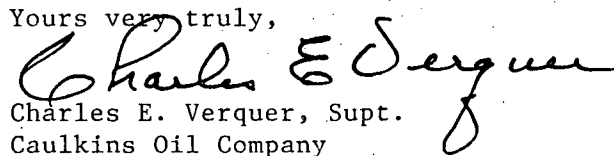
Standard location for South Blanco Tocito well, Order R-326, requires Tocito well be drilled in center of Northwest Quarter of Quarter Section.

Tocito Zone dedicated acreage 80 acres.

All off-set acreage to Tocito Zone operated by Caulkins Oil Company.

Map showing off-set wells in all zones surrounding this location attached.

Yours very truly,

  
Charles E. Verquer, Supt.  
Caulkins Oil Company

Attachments: APD  
C-102  
Location Map showing off-set wells

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
B. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR  
Caulkins Oil Company

3. ADDRESS OF OPERATOR  
P.O. Box 340 Bloomfield, New Mexico 87413

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
990' F/N and 1650' F/W  
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
30 Miles Southwest of Blanco, New Mexico

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 990'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 525'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
DRILLING OPERATIONS AUTHORIZED ARE 6630 GR

23. SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS" PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH |
|--------------|----------------|-----------------|---------------|
| 12 1/4"      | 9 5/8"         | 36#             | 300'          |
| 7 7/8"       | 7"             | 23# & 26#       | 7750'         |

5. LEASE DESIGNATION AND SERIAL NO.  
NM 03554  
6. IF INDIAN, ALLOTTEE OR TRIBAL NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Breech "C"  
9. WELL NO.  
144-E  
10. FIELD AND POOL, OR WILDCAT  
Basin Dakota  
11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
Section 12, 26N 6W  
12. COUNTY OR PARISH  
Rio Arriba  
13. STATE  
New Mexico

16. NO. OF ACRES IN LEASE  
1760  
17. NO. OF ACRES ASSIGNED  
TO THIS WELL  
320  
19. PROPOSED DEPTH  
7750'  
20. ROTARY OR CABLE TOOL  
Rotary

22. APPROX. DATE WORK WILL START\*  
June 1, 1989  
This entry is subject to procedural review pursuant to 43 CFR 310 and special permit to 43 CFR 3165.4.

| QUANTITY OF CEMENT |
|--------------------|
| 230 Cu.Ft.         |
| 1700 Cu.Ft.        |

It is proposed to drill new hole, surface to 7750', using 9.1# plus gel based mud. Float will be run in drill pipe at bit. ES Gamma and Porosity Logs will be run in open hole.

A Schaeffer 10" Model LWP, 6000# test BOP will be in use at all times while drilling below surface casing and until production casing is cemented. BOP will be tested at least one time during each 24 hour period and results recorded on daily drilling report.

9 5/8" 36# surface casing will be cemented at approx 400' with sufficient cement to circulate to surface, 200 Sacks, 230 Cu.Ft.

7" 23# and 26# J-55 Smls casing will be cemented surface to 7750' in 3 stages with sufficient cement to circulate to surface, approx. 1700 Cu.Ft.  
(OVER)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Charles E. Wagner TITLE Superintendent DATE 3-28-89  
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY AS AMENDED DATE APR 06 1989  
CONDITIONS OF APPROVAL, IF ANY:  
APPROVED BY AREA MANAGER DATE APR 06 1989  
APPROVED BY OPERATOR DATE APR 06 1989

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

## DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

## DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

## DISTRICT III

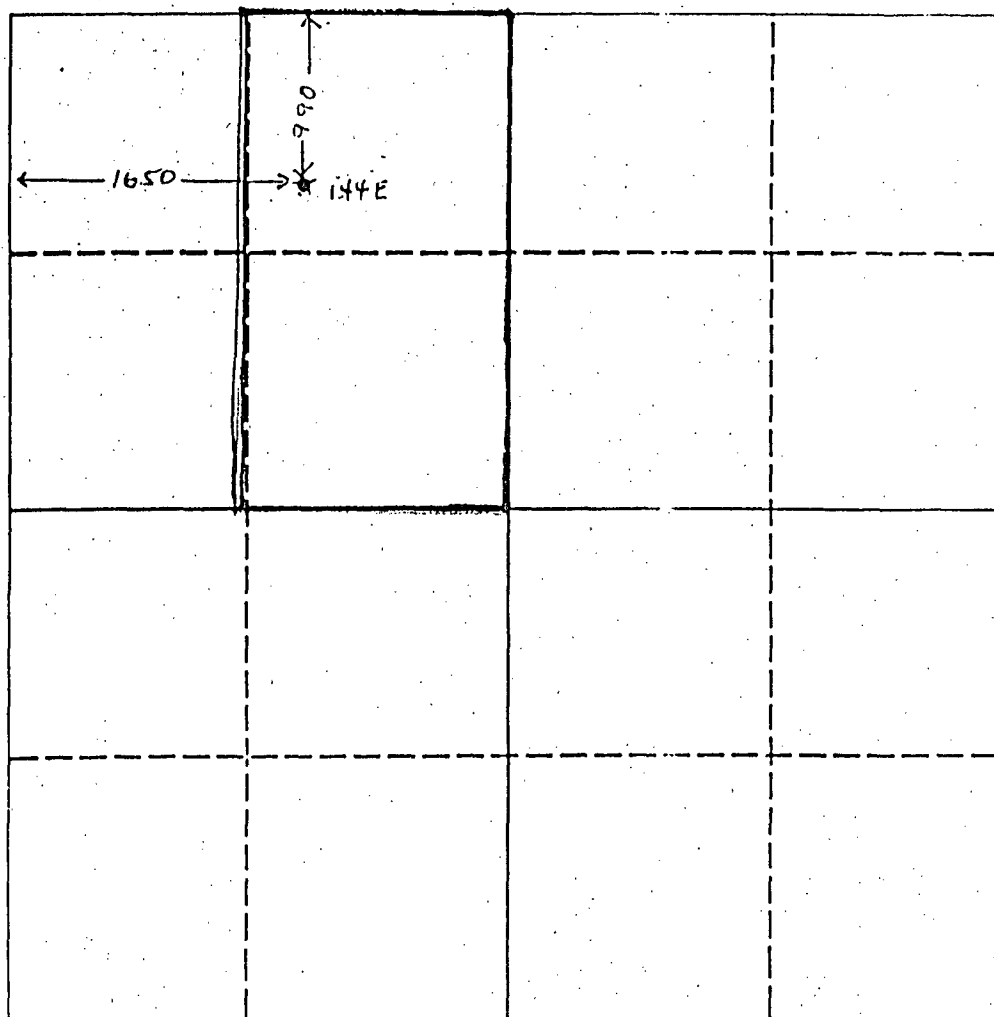
1000 Rio Brazos Rd., Artec, NM 87410

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

|   |               |                               |                     |                      |                                |
|---|---------------|-------------------------------|---------------------|----------------------|--------------------------------|
| Operator<br>Caulkins Oil Company  |               |                               | Lease<br>Breech "C" |                      | Well No.<br>144-E              |
| Unit Letter<br>C  | Section<br>12 | Township<br>26 North          | Range<br>6 West     | County<br>NMPM       | Rio Arriba                     |
| Actual Footage Location of Well:<br>990' feet from the North line and 1650' feet from the West line |               |                               |                     |                      |                                |
| Ground level Elev.<br>6630'   |               | Producing Formation<br>Tocito |                     | Pool<br>South Blanco |                                |
|   |               |                               |                     |                      | Dedicated Acreage:<br>80 Acres |

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_  
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).  
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



### OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature  
*Charles E. Verquer*

Printed Name  
Charles E. Verquer

Position  
Superintendent

Company  
Caulkins Oil Company

Date  
7-30-90

### 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.

12-14-88

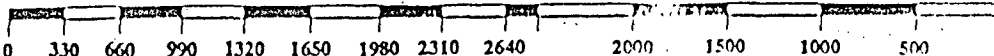
Date Surveyed

Signature & Seal of  
Professional Surveyor

San Juan Engineering  
J. Roger Miller

Certificate No.

9752

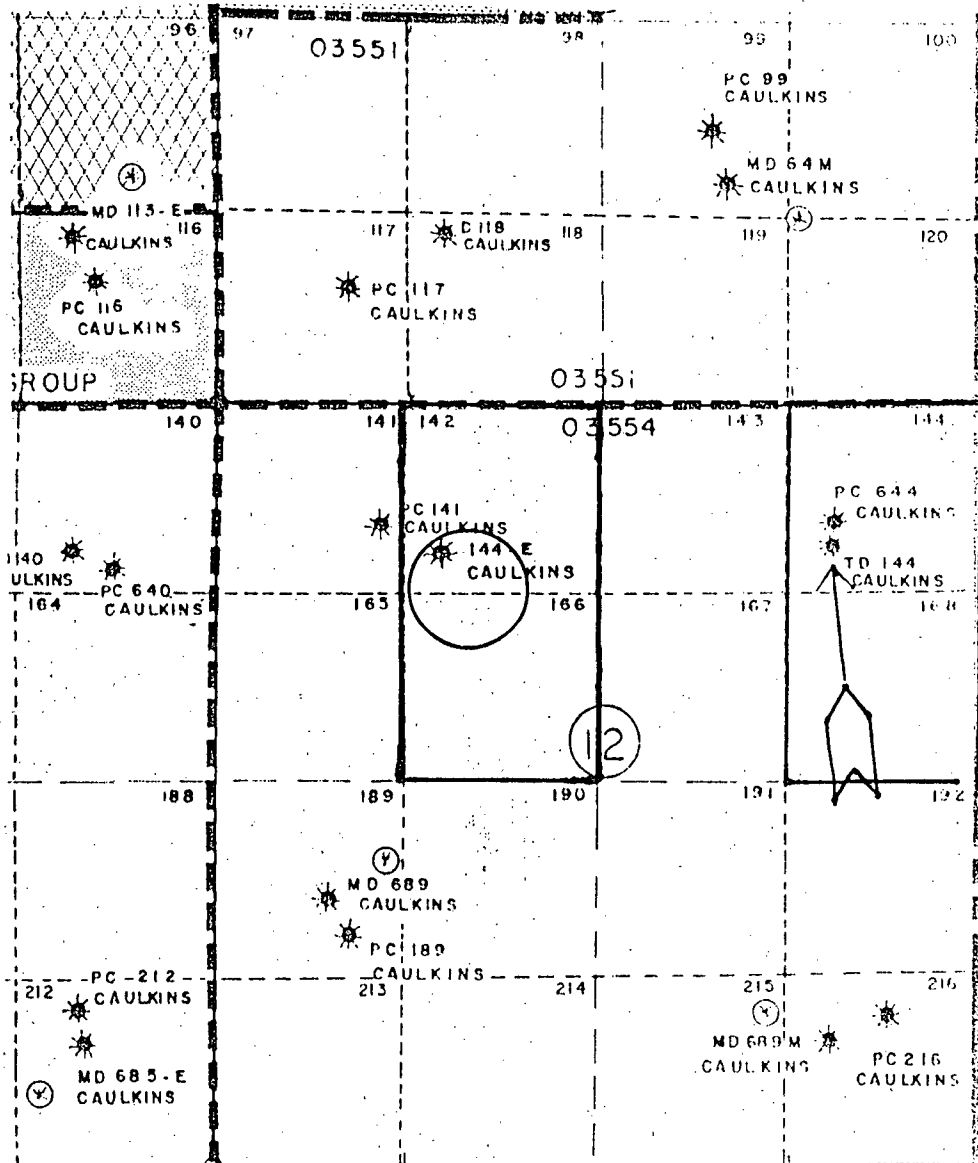


# CAULKINS OIL COMPANY

P.O. BOX 340

BLOOMFIELD, NEW MEXICO 87413

Breach "C" 144-E  
NE 1/4 NW 1/4 Section 12, 26N 6W  
Rio Arriba County, New Mexico



144-E Identified by circle.  
Dedicated acreage East half of Northwest Quarter.

144 Identified by arrow, is a producing dual completed  
Tocito Oil and Dakota Gas Well.  
Dedicated acreage East half of Northeast Quarter.  
Well 144 located 990' F/N and 1090' F/E Section 12, 26N 6W