

**CAULKINS OIL COMPANY**

P.O. BOX 340  
BLOOMFIELD, NEW MEXICO 87415

September 3, 1990

OIL CONSERVATION DIVISION  
RECEIVED  
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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.

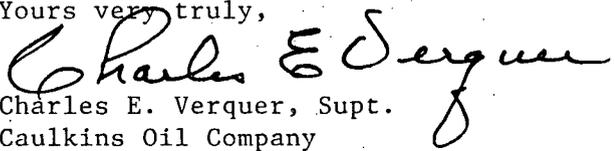
Standard location for South Blanco Tocito well, Order R-326, requires Tocito well be drilled in center of Northwest Quarter of Quarter Section.

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 drilg. unit loc. if any)  
 990'

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

16. NO. OF ACRES IN LEASE  
 1760

19. PROPOSED DEPTH  
 7750'

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 320

20. ROTARY OR CABLE TOOL  
 Rotary

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

5. LEASE DESIGNATION AND SERIAL NO.  
 NM 03554  
 6. IF INDIAN, ALLOTTEE OR TRIBE 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 BLM. AND SURVEY OR AREA  
 Section 12, 26N 6W  
 12. COUNTY OR PARISH  
 Rio Arriba  
 13. STATE  
 New Mexico

22. APPROX. DATE WORK WILL START\*  
 June 1, 1989

23. SUBJECT TO COMPLIANCE WITH ATTACHED PROPOSED CASING AND CEMENTING PROGRAM  
 "GENERAL REQUIREMENTS"  
 This proposal is subject to procedural review pursuant to 43 CFR 310 and approval pursuant to 43 CFR 3165.4

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	300'	230 Cu.Ft.
7 7/8"	7"	23# & 26#	7750'	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 \_\_\_\_\_

"Approval of this lease does not constitute approval of the conditions of approval, if any, which shall be a part of the lease and shall be binding on the lessee."  
 holds legal or other interest in or title to this land.

\*See Instructions On Reverse Side

APPROVED  
 AS AMENDED  
 APR 06 1989  
 [Signature]  
 AREA MANAGER

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.

OPERATOR

Submit to Appropriate District Office  
 State Lease - 4 copies  
 Fee Lease - 3 copies

**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

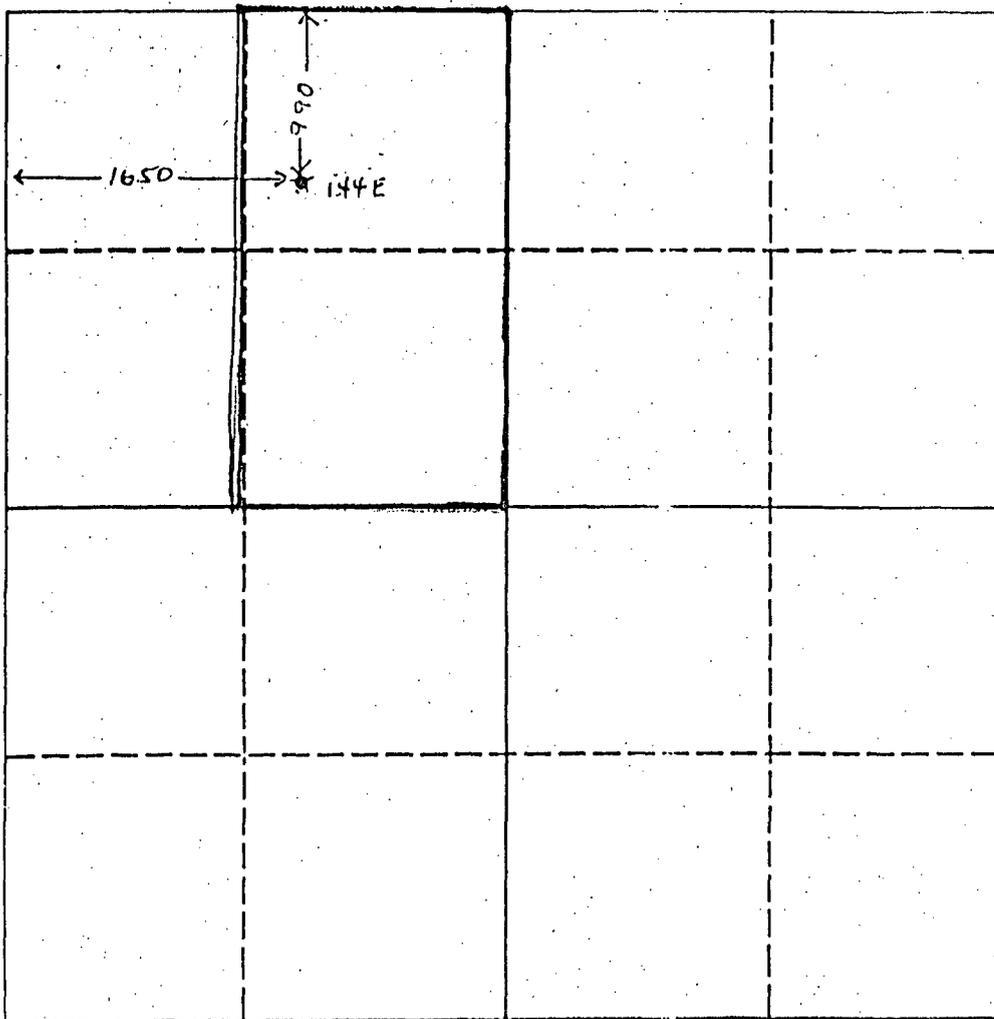
**DISTRICT III**  
 1000 Rio Brazos Rd., Artec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

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

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. 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.



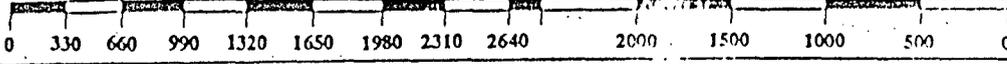
**OPERATOR CERTIFICATION**  
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

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.  
 Date Surveyed: **12-14-88**

Signature & Seal of Professional Surveyor:  
**San Juan Engineering**  
**J. Roger Miller**

Certificate No.: **9752**

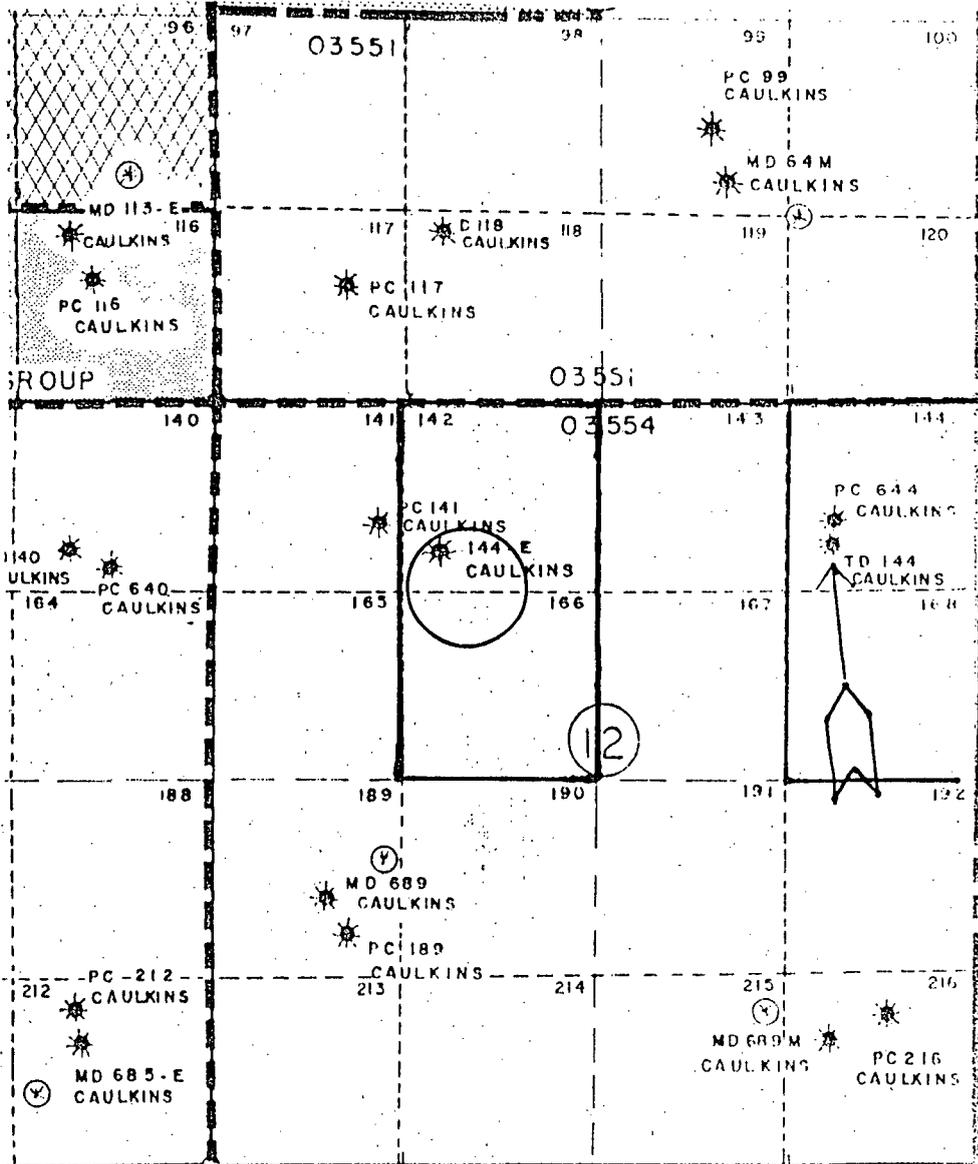


# CAULKINS OIL COMPANY

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