

OIL CONSERVATION COMMISSION  
\_\_\_\_\_  
DISTRICT

OIL CONSERVATION COMMISSION  
BOX 871  
SANTA FE, NEW MEXICO

DATE 12-18-63

Re: Proposed NSP \_\_\_\_\_

Proposed NWU \_\_\_\_\_

Proposed NSL \_\_\_\_\_

Proposed NFO \_\_\_\_\_

Proposed DC ✓

Gentlemen:

I have examined the application dated 12-16-63  
for the Caulkins Oil Co Breeche AD 64 A-1-26A-1W  
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

Emory E. Arnold

CAULKINS OIL COMPANY

BOX 780

FARMINGTON, NEW MEXICO

December 16, 1963

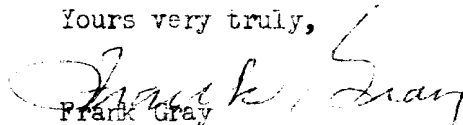
New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Gentlemen:

Submitted herewith for administrative approval is "Application for Dual Completion" for our Breech "E" well MD-64, Unit A of Section 1-26N-6W, Rio Arriba County. The initial potential test of the Dakota zone in this well was 5056 MCFPD; the Mesa Verde zone was 1502 MCFPD. Initial packer leakage tests completed October 8, 1963, showed no communication between zones.

Copies of this application have been mailed to operators of leases offsetting this well.

Yours very truly,

  
Frank Gray

cc New Mexico Oil Conservation Commission ✓  
1000 Rio Brazos Road  
Aztec, New Mexico



CAULKINS OIL COMPANY

BOX 780

FARMINGTON, NEW MEXICO

December 16, 1963

Occidental Petroleum Corporation  
10889 Wilshire Blvd.  
Los Angeles 24, California

Gentlemen:

In accordance with requirements of the New Mexico Oil Conservation Commission, we are sending you herewith a copy of our Application for Dual Completion for our Breech "E" well MD-64, NLM Section 1-26N-6W.

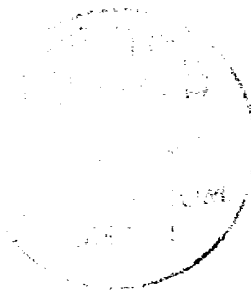
The tract on which this well is located adjoins your lease in Section 6-26N-5W.

Yours very truly,

*Frank Gray*  
Frank Gray

cc New Mexico Oil Conservation Commission  
Box 871  
Santa Fe, New Mexico

New Mexico Oil Conservation Commission ✓  
1000 Rio Brazos Road  
Aztec, New Mexico



CAULKINS OIL COMPANY

BOX 780

FARMINGTON, NEW MEXICO

December 16, 1963

El Paso Natural Gas Company  
P. O. Box 997  
Farmington, New Mexico

Attention: Mr. B. N. Canfield

Gentlemen:

In accordance with requirements of the New Mexico Oil Conservation Commission, we are sending you herewith a copy of our Application for Dual Completion for our Breech "E" well ND-64, NE1/4 Section 1-26N-6W.

This well offsets your leases in Section 36-27N-6W and Section 31-27N-5W.

Yours very truly,

*Frank Gray*  
Frank Gray

cc New Mexico Oil Conservation Commission  
Box 871  
Santa Fe, New Mexico

New Mexico Oil Conservation Commission ✓  
1000 Rio Brazos Road  
Aztec, New Mexico



## NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

## APPLICATION FOR DUAL COMPLETION

Field Name <b>BASIN DAKOTA</b>		County <b>RIO ARriba</b>		Date <b>DECEMBER 16, 1963</b>
Operator <b>CAULKINS OIL COMPANY</b>		Lease <b>BREBCH "E"</b>		Well No. <b>MD-64</b>
Location of Well <b>A</b>	Unit <b>1</b>	Section <b>1</b>	Township <b>26 NORTH</b>	Range <b>6 WEST</b>

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual completion of a well in these same pools or in the same zones within one mile of the subject well? YES X NO       

2. If answer is yes, identify one such instance: Order No. MC 1194 ; Operator, Lease, and Well No.:  
**Caulkins Oil Company**  
**State "A" MD-62 - NE, NE, Sec. 2-26N-6W**

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	<b>MESA VERDE</b>	<b>DAKOTA</b>
b. Top and Bottom of Pay Section (Perforations)	<b>4932-5490</b>	<b>7418-7596</b>
c. Type of production (Oil or Gas)	<b>GAS</b>	<b>GAS</b>
d. Method of Production (Flowing or Artificial Lift)	<b>FLOW</b>	<b>FLOW</b>

4. The following are attached. (Please mark YES or NO)

Yes a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.

Yes b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.

Yes c. Waivers consenting to such dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.\*

Yes d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

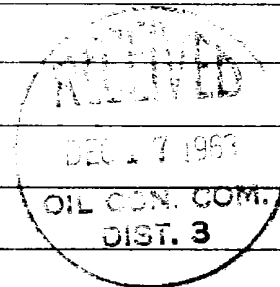
5. List all offset operators to the lease on which this well is located together with their correct mailing address.

**EL PASO NATURAL GAS COMPANY**

**P. O. BOX 997, FARMINGTON, N. M.**

**OCCIDENTAL PETROLEUM CORP.**

**10639 WILSHIRE BLVD., LOS ANGELES, CALIFORNIA**



6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES        NO       . If answer is yes, give date of such notification       .

CERTIFICATE: I, the undersigned, state that I am the SUPERINTENDENT of the CAULKINS OIL COMPANY (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

\* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed dual completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

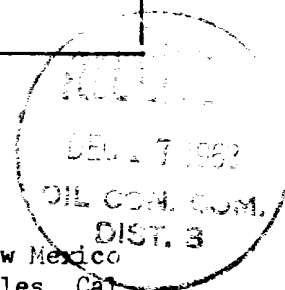
	R 6 W	R 5 W
T	CAULKINS D 11 PM 12	EL PASO PM 8 PM 67
27	35	36
N	Breech F CAULKINS	Johnson State CAULKINS
	MD 62	MD 64
T	2	1
26	P 93 D 113 State A	D 116 Breech E
N	CAULKINS	CAULKINS
	D 140	
	T 185 P 185 Breech D	12 P 189 Breech C
		NORTHWEST PRODUCTION 7 PMD 1-7 West

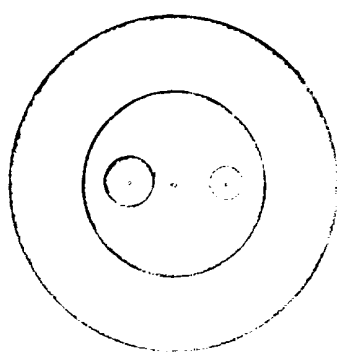
Prefixes used above:

- D Dakota
- M Mesa Verde
- P Pictured Cliffs

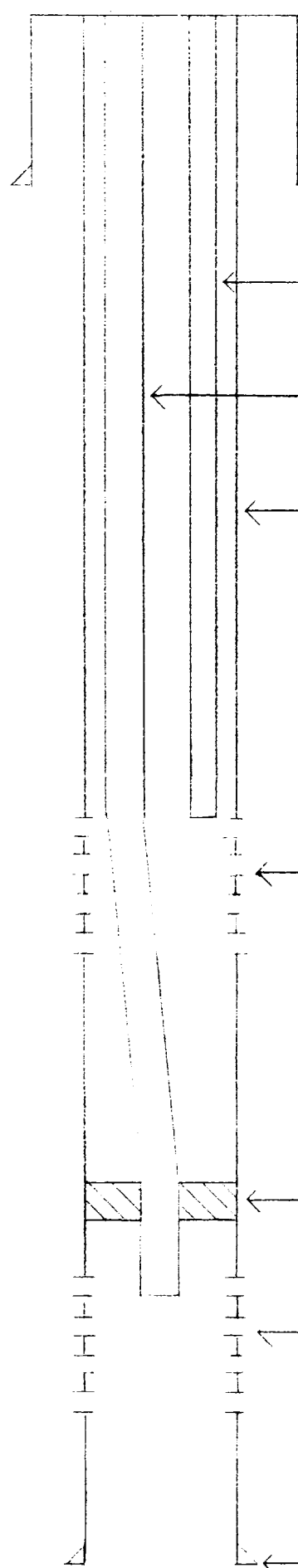
El Paso Natural Gas Company, P. O. Box 997, Farmington, New Mexico  
Occidental Petroleum Corp., 10889 Wilshire Blvd., Los Angeles, Cal.  
Caulkins Oil Company, 1130 First National Bank Building, Denver 2, Colo.

Area surrounding Calkins Oil Company's Mesa Verde-Dakota Dual completion Well MD-64, located 890 feet from the North line and 900' from the East line of Section 1, Township 26 North, Range 6 West, Rio Arriba County, New Mexico





← Top View



← 10-3/4" - 32.75# H-40 EH Casing run to 261' and cemented top to bottom with 200 sacks cement

← 1 1/4" 2.44# Jalcon Weld Tubing with Aztec Internal joints set at 5374'

← 2-3/8" OD 4.7# J & L "Slimhole" EUE J-55 Tubing set at 7349'

← 5 1/2" OD 15.50# J-55 Casing 0' to 6707'

5 1/2" OD 17.00# J-55 Casing 6707' to 7711'

This casing cemented as follows:

Through shoe with 150 sacks 12% gel cement followed by 100 sacks latex cement

Through stage collar at 5606' with 175 sacks

Incor Class C cement containing 4% gel

Through 2" tubing run outside of 5 1/2" casing with 175 sacks Incorpor Class C cement containing 4% gel.

Tubing was set at 3306 when cement was pumped in

← Mesa Verde Perforations, 2 holes per foot from 4932-40, 4952-62, 4982-88, 5276-84, 5346-50, 5364-70, 5400-04, 5416-22 and 5482-90

← Baker Model D Production Packer set at 7340'

← Dakota perforations, 2 per foot from 7418-24, 7428-34, 7450-56, 7472-78 and 4 per foot from 7506-18, 7542-62, 7592-96, 7624-40

← Total depth 7711'

CAULKINS OIL COMPANY

DUAL COMPLETION

Well Number: MD-64 Lease: Breech "E"

Location: 890' from North Line and 900'

from East Line of Section 1 T26N R6W

Rio Arriba County, New Mexico

