

OIL CONSERVATION COMMISSION  
AZTEC DISTRICT

OIL CONSERVATION COMMISSION  
BOX 871  
SANTA FE, NEW MEXICO

DATE 11-15-62

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

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

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

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

Proposed DC XXXX

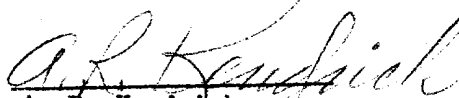
Gentlemen:

I have examined the application dated 11-14-62  
for the Compass Exploration Federal #1-4 H-4-26N-7W  
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approve \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

  
A. R. Kendrick

3 NMCCC

2 Compass - Denver

1 Compass - Farmington

1 El Paso Prod. (Reg. Mail)

1 NCRA (Reg. Mail)

1 File

## NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

## APPLICATION FOR DUAL COMPLETION

Field Name <b>Basin - Dakota</b>		Undesignated - <b>Callup</b>		County <b>Rio Arriba</b>	Date <b>November 14, 1962</b>
Operator <b>Compass Exploration</b>		Lease <b>Federal</b>		Well No. <b>1-4</b>	
Location of Well <b>H</b>	Unit <b>H</b>	Section <b>4</b>	Township <b>26 North</b>	Range <b>7 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 ☒ NO ☐

2. If answer is yes, identify one such instance: Order No. \_\_\_\_\_; Operator, Lease, and Well No.:

**Compass Exploration, Inc. - Federal #1-3**

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	<b>Callup</b>	<b>Dakota</b>
b. Top and Bottom of Pay Section (Perforations)	<b>6636-6662</b>	<b>7146-7377</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.

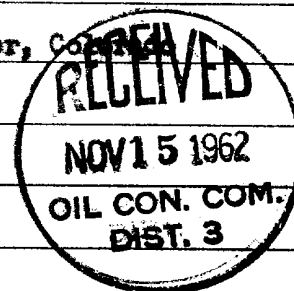
**Yes** c. Waivers consenting to such dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.\*

**No** 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 Products Company - Box 1565, Farmington, New Mexico**

**National Cooperative Refinery Association - 612 Patterson Bldg., Denver, Colorado**



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 **November 14, 1962**

CERTIFICATE: I, the undersigned, state that I am the **Representative** of the **Compass Exploration, Inc.** (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.

Original signed by T. A. Dugan

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.

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

6-1-56

PACKER-SETTING AFFIDAVIT  
(Dual Completions)

STATE OF New Mexico )  
County of San Juan ) ss

Thomas A. Dugan, being first duly sworn according to law, upon his oath deposes and says:

That he is of lawful age and has full knowledge of the facts herein below set out.

That he is employed by Compass Exploration, Inc. in the capacity of Consulting Engineer and as such is its authorized agent.

That on June 4, 1952, he personally supervised the setting of Packer Model 302 in Compass Exploration, Inc.'s  
(Make and Type of Packer) (Operator)

Federal Well No. 1-4, located in Unit  
(lease)  
Letter H, Section 4, Township 26N, Range 7W, NMPM,  
Rio Arriba County, New Mexico.

That said packer was set at a subsurface depth of 7100 feet,  
said depth measurement having been furnished by Wire Line.

That the purpose of setting this packer was to effect a seal in the annular space between the two strings of pipe where the packer was set so as to prevent the commingling, within the well-bore, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer. That this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

Compass Exploration, Inc.  
(Company)

T. A. Dugan  
(its Agent)

Subscribed and sworn to before me this the 14th day of Nov., AD, 1952.

Harry M. Kildow  
Notary Public in and for the County  
of San Juan

My Commission Expires May 7, 1956  
My Commission Expires \_\_\_\_\_

R 7 W

EL PASO PROD.-N.C.R.A.  COMPASS Fed. I-4 ○  4	EL PASO PROD.-N.C.R.A. ○  COMPASS Fed. I-3 ○  3	RINCON UNIT-E.P.N.  2	T 26 N
EL PASO PROD.-N.C.R.A.  9	EL PASO PROD.-N.C.R.A.  10	RINCON UNIT-E.P.N.  11	

Pictured Cliff Wells Not Shown

COMPASS EXPLORATION INC.  
709 BLOOMFIELD BLVD.  
FARMINGTON, NEW MEXICO

APPLICATION FOR DUAL GAS COMPLETION  
FEDERAL I-4 IN GALLUP & DAKOTA FORMATIONS  
SE/4 NE/4 Section 4 T 26 N-R 7 W  
Rio Arriba County New Mexico

DIAGRAMATIC SKETCH OF DUAL GAS COMPLETION  
FEDERAL I-4

9-5/8" O.D. Casing  
at 233'  
Cemented to Surface W/200 sx.  
1200' Top Second Stage Cement

Two Stage Tool @ 2950' Cemented  
with 420 cu ft HYS 400

4900' Top first stage cement

6656'  
I  
I  
6662' I

2-1/6" O.D. Tubing  
at 6667'

Top Gallup: 6224'  
Gallup Perforation: 6656'-6662'  
Base Gallup: 6815'

7146'  
I  
I  
7376' I

Baker Model "D" Packer  
at 7100'  
1-1/2" O.D. Tbg. @ 7108'  
5-1/2" Csg Set @ 7431'  
Cemented first stage w/938  
cu ft Cement  
8-3/4" hole to T.D. 7450'

Top Dakota: 7145'  
Dakota Perforation: 7146'-7160' 7240'-7246' 7286'-7310'  
7362'-7376'  
Base Dakota: 7410'

COMPASS EXPLORATION INC.  
709 BLOOMFIELD BLVD.  
FARMINGTON, NEW MEXICO

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