

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Coalition Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 780, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

990' from South and West lines of;
Section 35-27N-6W

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

30 miles Southeast of Elanco, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. line, if any)

990 feet

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

3548 feet

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6592 gr.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	10 3/4" casing	32.75	262	200 sacks
8 3/4"	5 1/2"	15.54	6700	
	5 1/2"	17.04	6700 to 7700	Approximately 1000 sacks*

* Sufficient cement will be used in 2 stages to fill annulus between 5 1/2" casing and hole to 100' above Pictured Cliffs sand.

Required amount of cement will be calculated from caliper log. Stage collar will be set just above the Point Lookout.

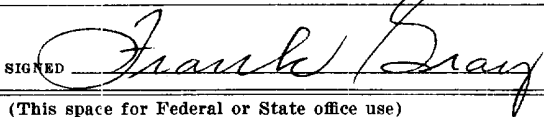
A pressure operated double BOP will be in use at all times while drilling below 262'.

Separation of Dakota and Mesa Verde zones to be made inside 5 1/2" casing by setting Baker Model D Production Packer near top of Dakota zone. Production from Dakota to be through 2" tubing; production from Mesa Verde to be through 1 1/2" tubing

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.

24.

SIGNED



TITLE Superintendent

DATE

4-13-65

(This space for Federal or State office use)

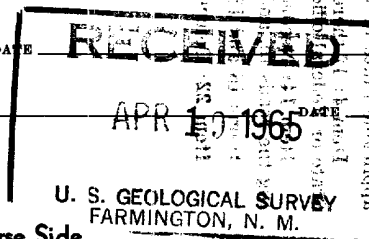
PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPL. VAL. IF ANY:

TITLE



*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

SECTION A.

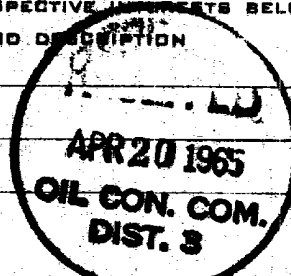
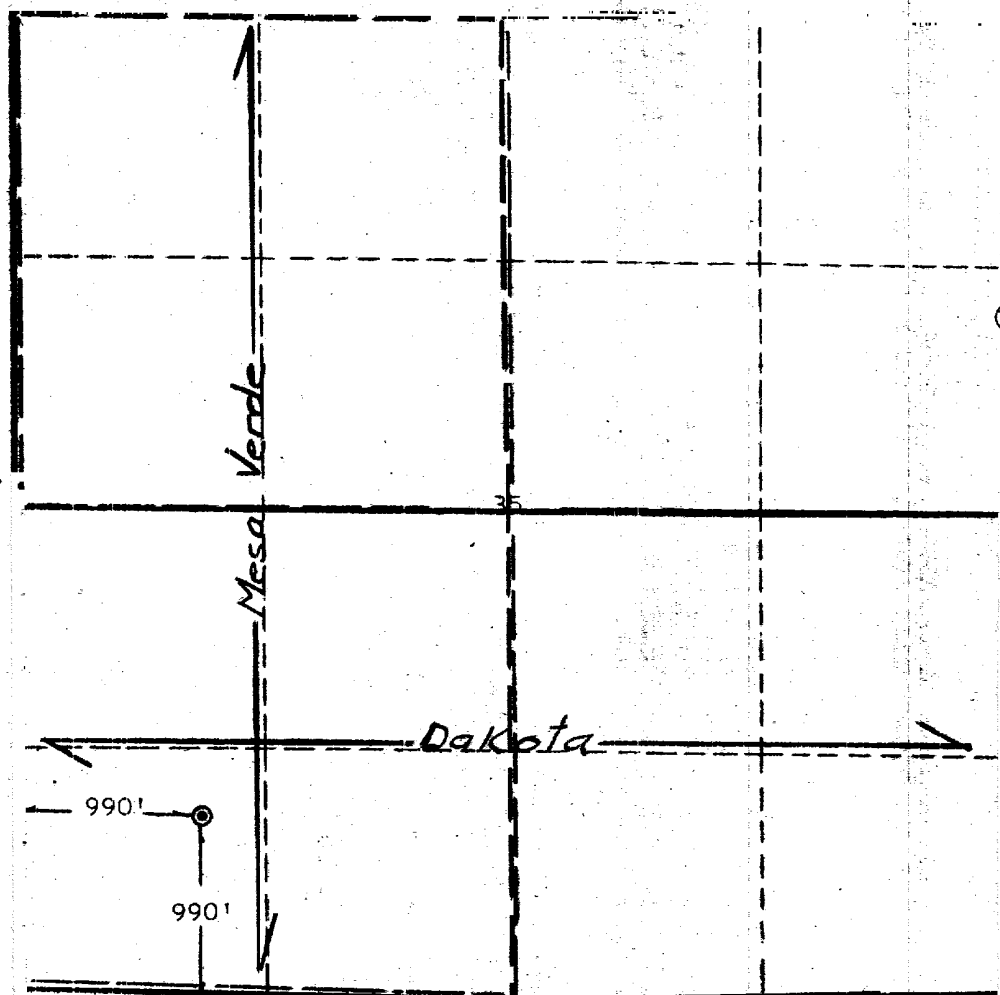
DATE 4-18-65

OPERATOR Caulkins Oil Company LEASE Breesh "F"
WELL NO. 2-45 UNIT LETTER M SECTION 35 TOWNSHIP 27 North RANGE 6 West NMRM
LOCATED 990 FEET FROM South LINE, 990 FEET FROM West LINE
COUNTY Rio Arriba G. L. ELEVATION 6592 DEDICATED ACREAGE 320 ACRES
NAME OF PRODUCING FORMATION Mesa Verde Dakota POOL Blanco Mesa Verde Basin Dakota

1. IS THE OPERATOR THE ONLY OWNER⁸ IN THE DEDICATED ACREAGE OUTLINED ON THE PLAT BELOW? Yes XX NO
2. IF THE ANSWER TO QUESTION ONE IS "NO," HAVE THE INTERESTS OF ALL THE OWNERS BEEN CONSOLIDATED BY COMMUNITIZATION AGREEMENT OR OTHERWISE? Yes NO IF ANSWER IS "YES," TYPE OF CONSOLIDATION

3. IF THE ANSWER TO QUESTION TWO IS "NO," LIST ALL THE OWNERS AND THEIR RESPECTIVE INTERESTS BELOW:
- | OWNER | LAND DESCRIPTION |
|-------|------------------|
| | |
| | |
| | |

SECTION B.



THIS IS TO CERTIFY THAT THE INFORMATION IN SECTION A ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Caulkins Oil Company
(OPERATOR)

Frank Gray
(REPRESENTATIVE)

Frank Gray
Box 780, Farmington, N. M.

THIS IS TO CERTIFY THAT THE WELL LOCATION SHOWN ON THE PLAT SECTION B WAS PLOTTED FROM RECORDS OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT I AM AWARE OF MY KNOWLEDGE AND BELIEF.

DATE SURVEYED April 1, 1965

FOUR STATES ENGINEERING CO.

Farmington, New Mexico

Conrad G. Cook
REGISTERED ENGINEER OR LAND SURVEYOR

CERTIFICATE NO. 3602