

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

Compass Exploration, Inc.

## 3. ADDRESS OF OPERATOR

6151 West Century Blvd., Los Angeles, California 90045

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

At surface

1190' from North line and 790' from East line

At proposed prod. zone

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

Approx. 10 miles North of Farmington, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. line, if any)

790'

## 16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

## 19. PROPOSED DEPTH

6700'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

5795' G.L.

## 22. APPROX. DATE WORK WILL START\*

July 26, 1965

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT            |
|--------------|----------------|-----------------|---------------|-------------------------------|
| 12-1/4"      | 8-5/8" OD      | 24.00           | 250'          | Sufficient to circulate       |
| 7-5/8"       | 4-1/2" OD      | 10.50           | 6700'         | Sufficient to stage Mescalero |

Compass Exploration, Inc. proposes to drill an oil and/or gas test well in the Dakota formation to an approximate total depth of 6700'.

## Drilling procedure as follows:

- 1.) Drill 250', 12-1/4" hole, run 8-5/8" surface casing with sufficient cement to circulate.
- 2.) Drill 7-7/8" hole to approximately 6700' (TD), run IES and GRG logs.
- 3.) If production is encountered, run 4-1/2" production casing with sufficient cement to stage across the Mescalero formation and follow conventional completion procedures.

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

*McEllis*

TITLE

Area Manager

DATE

July 24, 1965

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*CM*

TITLE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

## 5. LEASE DESIGNATION AND SERIAL NO.

NM 024907

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

Barker Dome Gas Con

## 9. WELL NO.

1

## 10. FIELD AND POOL, OR WILDCAT

Baker-Dakota

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Section 23,

T-1N, R-13W, N4PH

## 12. COUNTY OR PARISH

San Juan

New Mexico

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

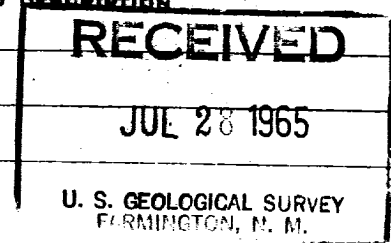
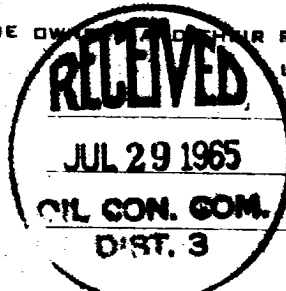
**SECTION A.**

DATE July 24, 1965

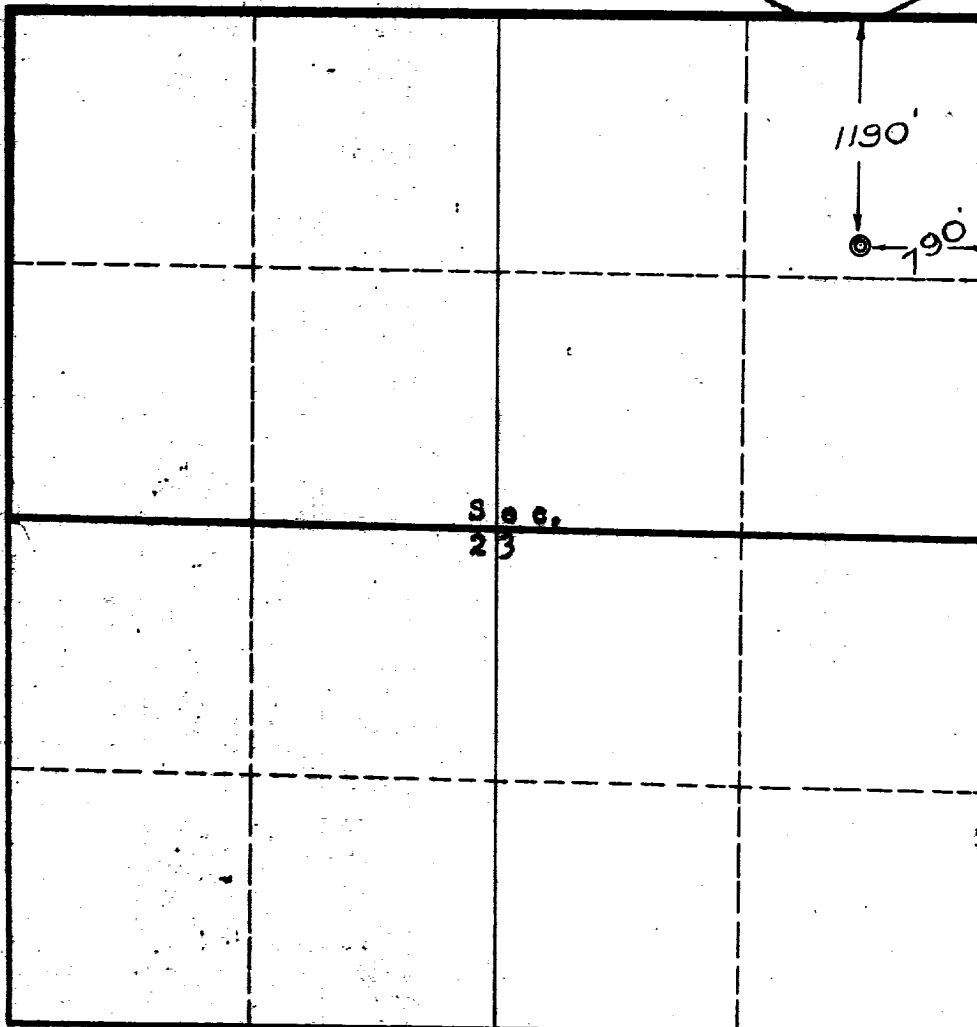
OPERATOR Compass Exploration, Inc. LEASE Barker Dome Gas Con  
WELL NO. 1 UNIT LETTER A SECTION 23 TOWNSHIP 31 North RANGE 13 West NMPM  
LOCATED 1190 FEET FROM North LINE, 790 FEET FROM East LINE  
COUNTY San Juan B. L. ELEVATION 5795 DEDICATED ACREAGE 320 ACRES  
NAME OF PRODUCING FORMATION Dakota POOL Basin-Dakota

1. IS THE OPERATOR THE ONLY OWNER\* IN THE DEDICATED ACREAGE OUTLINED ON THE PLAT BELOW? YES \_\_\_\_\_ NO X  
2. IF THE ANSWER TO QUESTION ONE IS "NO," HAVE THE INTERESTS OF ALL THE OWNERS BEEN CONSOLIDATED BY COMMUNITIZATION AGREEMENT OR OTHERWISE? YES X NO \_\_\_\_\_ IF ANSWER IS "YES," TYPE OF CONSOLIDATION  
Communitization in process.

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.

Compass Exploration, Inc.  
(OPERATOR)

W. C. Callis  
(REPRESENTATIVE)  
6151 W Century Blvd.  
Los Angeles, California

THAT THE LOCATION SHOWN ON THE PLAT IN SECTION A WAS PLOTTED FROM NOTES OF ACTUAL SURVEY 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 July 20, 1965

**FOUR STATES  
ENGINEERING CO.**

FARMINGTON, NEW MEXICO

Emmett J. Eckhardt  
REGISTERED ENGINEER OR  
LAND SURVEYOR

Scale, 1" = 1000'

CERTIFICATE NO. \_\_\_\_\_