

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYOFFICE OF THE CHIEF OF THE GEOLOGICAL SURVEY
(Other instructions on reverse side)

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

Cima Capitan, Incorporated (N.S.L.)

3. ADDRESS OF OPERATOR

P.O. Drawer 1343 Artesia, New Mexico

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

At surface

1980'FN & 900'FW Section 3, T17S, R32E, Lea County,
At proposed prod. zone New Mexico
Same

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

1 mile NE Maljamar, New Mexico

15. DISTANCE FROM PROPOSED*

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

420'

18. DISTANCE FROM PROPOSED LOCATION*

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

1080'

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

4400

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

4295 GR

22. APPROX. DATE WORK WILL START*

11 May 1964

23. PROPOSED CASING AND CEMENTING PROGRAM

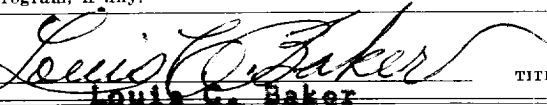
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24	350	200
7 7/8"	5 1/2"	14	4400	300

Propose to drill to 4400 to test Grayburg - San Andres formation.
To run log and perforate porous zones. To sand frac each zone
Between straddle packers using approximately 10000 pounds sand
and 10000 gallons refined oil per zone. To put on pump and recover
load oil, then potential test well.

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


Louis C. Baker

TITLE

Secretary-Treasurer

DATE

May 6, 1964

(This space for Federal or State office use)

PERMIT NO.

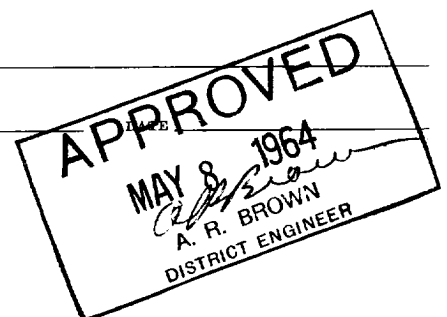
APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



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.

WELL LOCATION AND ACREAGE DEDICATION PLAT
SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

MAY 26 8 19 AM '64

SECTION A

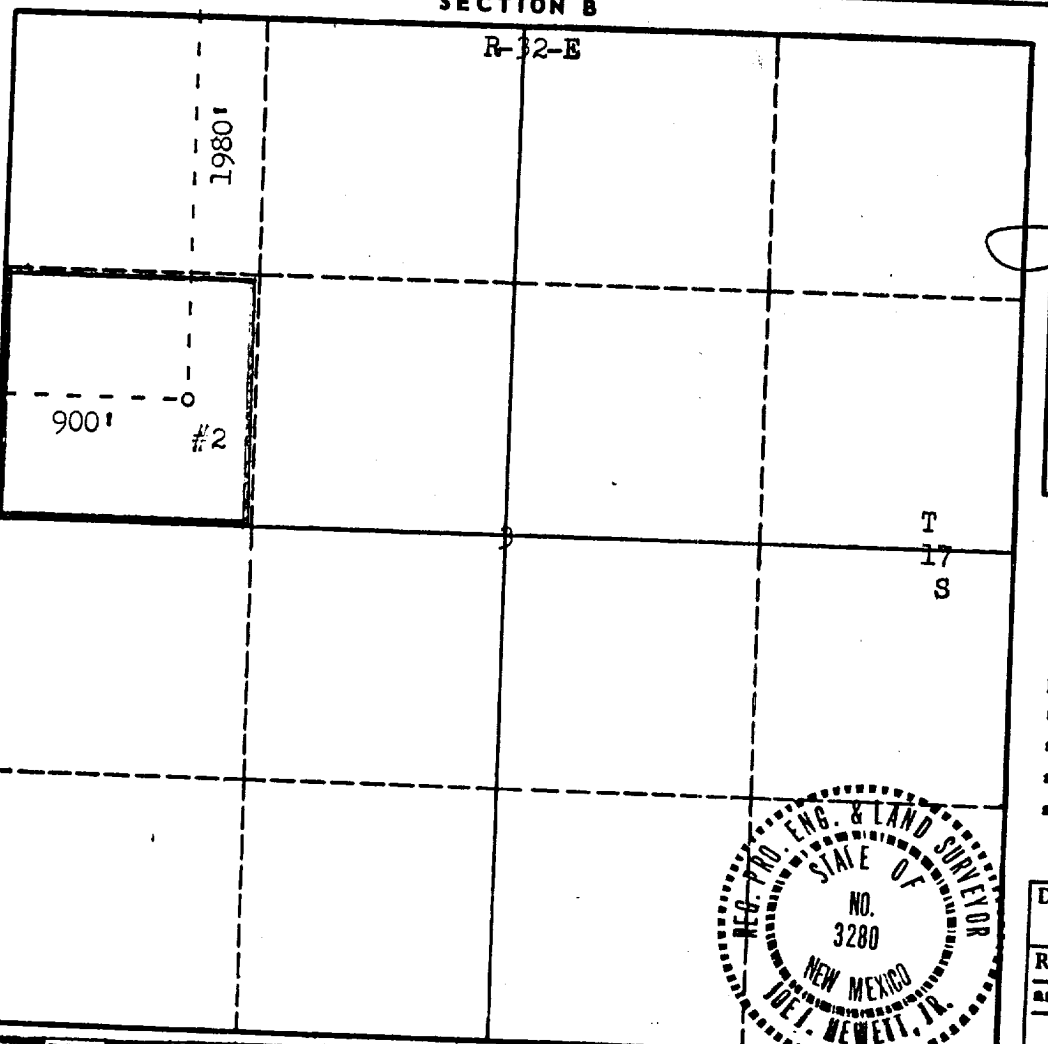
Operator Cima Capitan, Inc.				Lease Harrison		Well No. 2	
Unit Letter E	Section 3	Township T-17-S	Range R-32-E	County Lea			
Actual Footage Location of Well: 1980 feet from the North line and 900 feet from the West line							
Ground Level Elev. 4295		Producing Formation GRAYBURG SAN ANTONIO		Pool MALJAMAR		Dedicated Acreage: 40 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
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

R-32-E



CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name

Secretary-Treasurer

Position

Cima Capitan, Inc. (NSI)

Company

May 6, 1964

Date

I hereby certify that the well location shown on the plat in SECTION B 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

April 27, 1964

Registered Professional Engineer
and/or Land Surveyor