

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY30-039-21480  
5. LEASE DESIGNATION AND SERIAL NO.

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Contract #12

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

Jicarilla Otero

## 9. WELL NO.

5

## 10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SPEC. T. R., M. OR B.L.K.  
AND SURVEY OR AREA

Sec. 28, T24N, R5W

## 12. COUNTY OR PARISH

Rio Arriba

## 13. STATE

New Mex.

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Mobil Oil Corporation

## 3. ADDRESS OF OPERATOR

3 Greenway Plaza East, Suite 800, Houston, Texas 77046

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

At surface

840' ENL &amp; 1800' FWL Sec. 28, T24N, R5W

At proposed prod. zone

Same as surface

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

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1800

## 16. NO. OF ACRES IN LEASE

1920

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.

2024

## 19. PROPOSED DEPTH

6950'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6648 - Ground

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

as soon as possible

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	20# - Misco	0' - 300'	(1) Circulate to surface
7 7/8"	5 1/2"	14# - K-55	0' - 6000'	(2) Circulate to surface
		15.5# - K-55	6000' - 6950'	

## CEMENTING PROGRAM

- (1) Class A cement with 2% CaCl<sub>2</sub>
- (2) Cement in 3 stages using Class A cement and 8% gel as filler tailed in with Class A neat.

## MUD PROGRAM

DEPTH	TYPE MUD	WEIGHT	VISCOSITY	PH	WATER LOSS
0' - 300'	SPUD				
300' - T.D.	Fresh Water Gel	8.4 - 9.0	32 - 40	9T	10 c.c.

## BLOWOUT PREVENTER PROGRAM ATTACHED

*Gas is dedicated*

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

*A. D. Bond*

A. D. Bond

TITLE Regulatory Engng. Coord.

DATE July 25, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1  
Supersedes G-124  
Effective 1-1-67

All distances must be from the outer boundaries of the Section.

Owner <b>Mobil Oil Corporation</b>			Lessee <b>Jicarrilla Otero</b>		Well No. <b>5</b>
Section <b>C</b>	Township <b>28</b>	Range <b>24N</b>	County <b>5W</b>	County <b>Rio Arriba</b>	
Distance from corner of well to:					
<b>840</b>		<b>north</b>	<b>1800</b>		<b>west</b>
Section 1 Township <b>6648'</b>		Section 1 Township <b>Dakota</b>	Section 1 Township <b>Basin Dakota</b>		Section 1 Township <b>320</b>

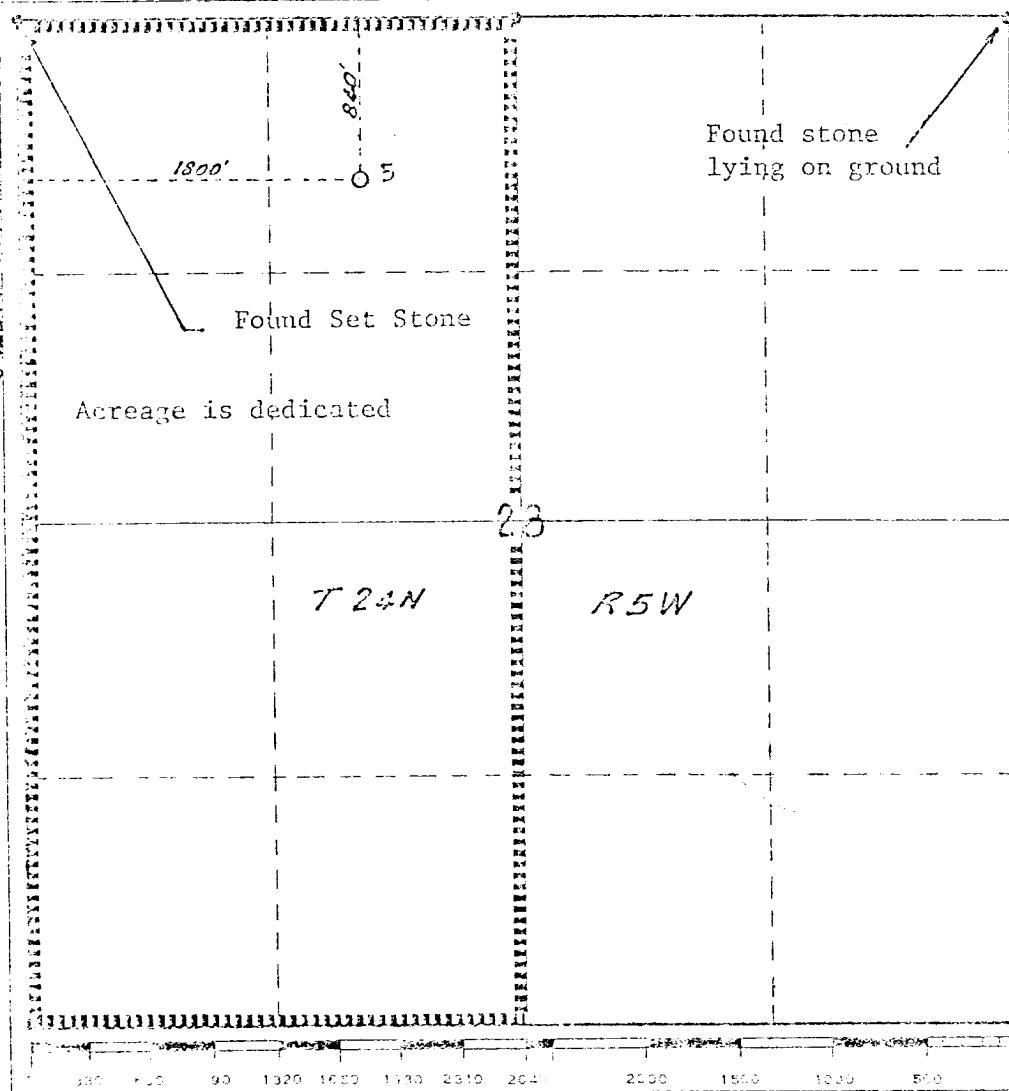
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  
**S89° 26'E - 5271.9'**

Called South



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*A. D. Bond*

Name

**A. D. Bond**

Position

**Regulatory Engng. Coord.**

Company

**Mobil Oil Corp.**

Date

**July 25, 1977**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my knowledge and belief.

*H. A. Carson, Jr.*

Professional Seal

**June 26, 1977**

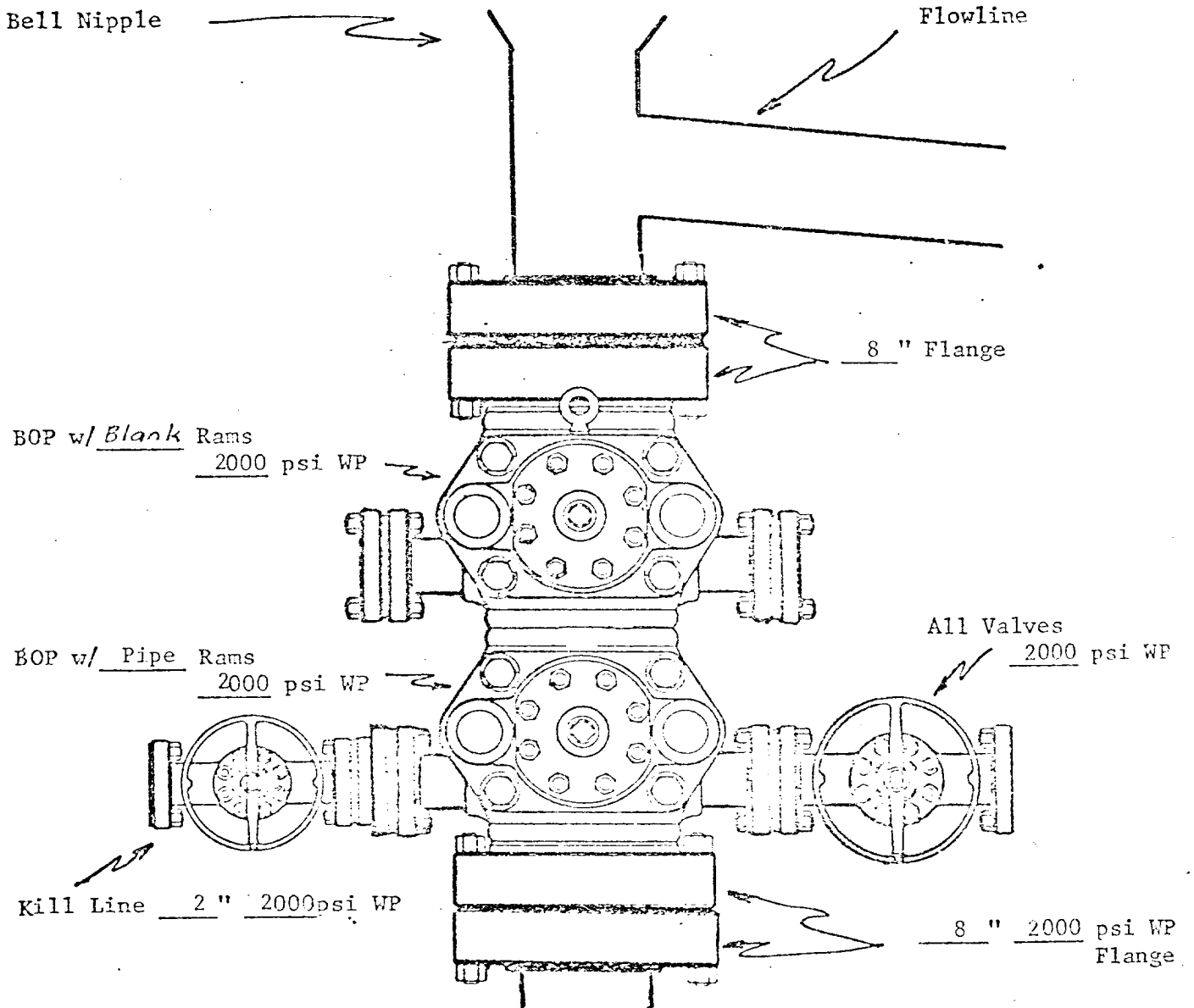
Registered Professional Engineer  
in the State of New Mexico

**H. A. Carson, Jr.**

Certification No.

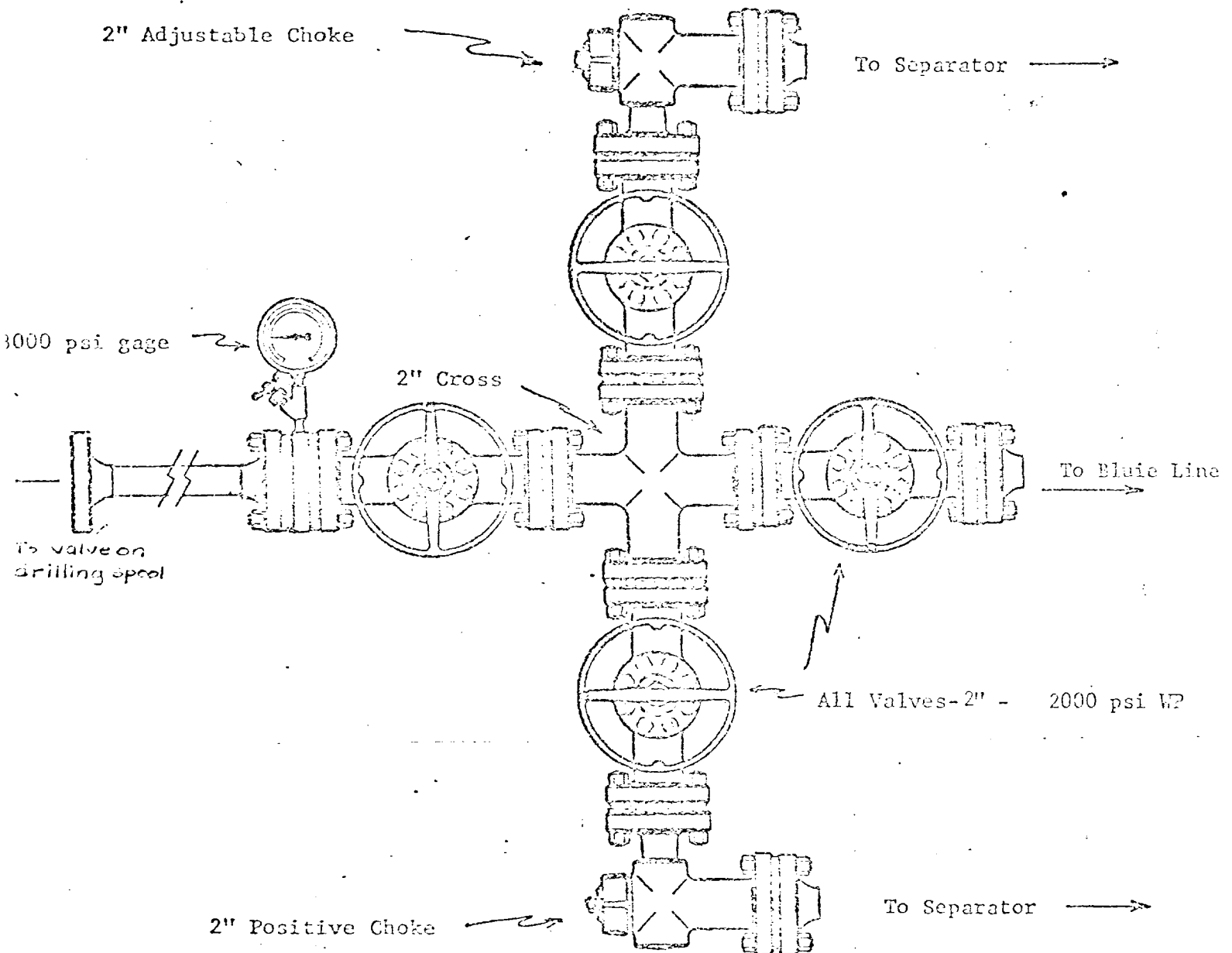
**5063**

PROPOSED BOP STACK  
8-5/8 " CASING



MOBIL OIL CORPORATION  
WELL Jicarilla Otero #5  
Rio Arriba COUNTY,  
New Mexico

PROPOSED CHOKE MANIFOLD  
(MINIMUM REQUIREMENTS)  
8-5/8 " CASING STRING



MOBIL OIL CORP.  
WELL NAME & NO. Jicarilla Otero #1  
Rio Arriba COUNTY, New Mexico

MOBIL OIL CORPORATION

SURFACE USE PLAN  
JICARILLA OTERO WELL 5  
840' FNL 1800' FWL  
SECTION 28 T-24N. R-5W

NEW MEXICO PRINCIPLE MERIDIAN

RIO ARriba COUNTY, NEW MEXICO

1. EXISTING ROADS (See attached vicinity map)

An existing graded road will be utilized to reach the location. This road leaves State Highway No. 537 at a point about 59 miles south of Dulce, New Mexico and goes about 9 miles north-west on existing El Paso pipe line road, then 0.2 mile south-west on existing road and then 0.35 southeast to location.

2. PLANNED ACCESS ROADS (See attached vicinity map)

No access road will be required.

3. LOCATION OF EXISTING WELLS

For location of existing wells see attached vicinity map.

4. LOCATION OF PRODUCTION FACILITIES

All production facilities will be located on the well pad.

5. WATER SUPPLY

Water will be trucked to the site for drilling purposes and will come from existing water supply wells as follows:

1. Water supply Well No. H-1 in the NE/4 of SW/4 of Section 2, T-26N, R-3W.
2. Water supply Well No. C-1 in the NE/4 of NE/4 of Section 8, T-26N, R-3W.
3. Water supply Well No. 3 in the SE/4 of SE/4 of Section 4, T-26N, R-3W.

Existing roads will be used for hauling water from the supply wells to the proposed wells.

6. SOURCE OF CONSTRUCTION MATERIALS

No construction materials will be used.

7. METHODS OF HANDLING WASTE DISPOSAL

All garbage and trash will be burned, buried and or hauled from well site.

8. ANCILLARY FACILITIES

No ancillary facilities are planned at this time.

9. WELL SITE LAYOUT

See Attached Plat "B"

10. PLANS FOR RESTORATION OF SURFACE

Pits will be backfilled and levelled to original grade and left for return of natural vegetation. The pad will be left in place for well servicing.

11. OTHER INFORMATION


The location site is located in a desert area on the south slope of a small northwest-southeast ridge, has a general slope of 6%, and falls in sage brush. The surface is owned by the Jicarilla Apache Tribe and is utilized for grazing sheep, goats and cattle.

12. LESSE'S OR OPERATORS REPRESENTATIVE

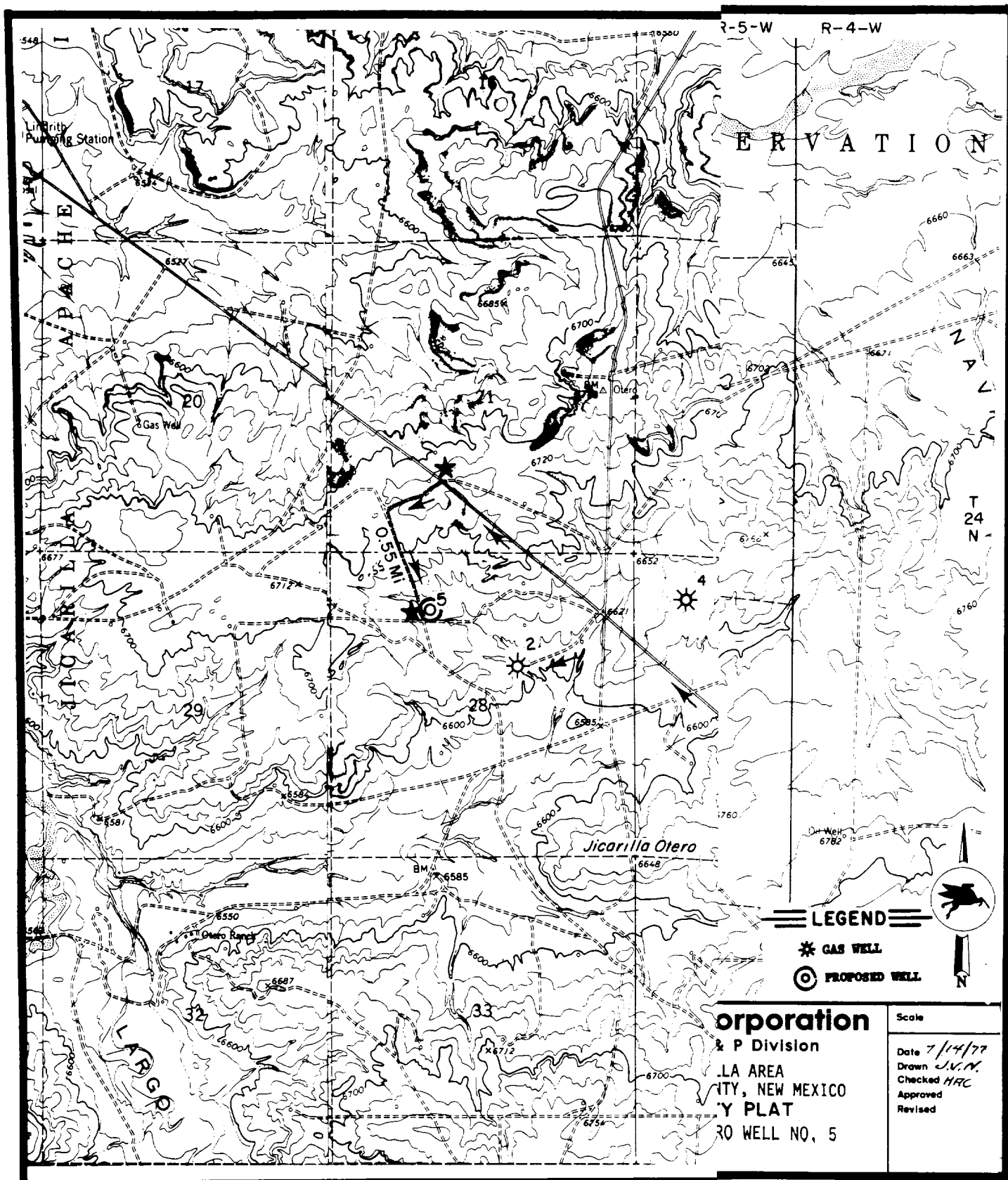
Glen W. Barb  
Mobil Oil Corporation  
P. O. Box 633  
Midland, TX 79702

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by a reliable contractor in conformity with this plan and the terms and conditions under which it is approved.

  
\_\_\_\_\_  
Glen W. Barb  
Operations Superintendent

HACarsonjr/tb



**Corporation**  
 & P Division  
 .LA AREA  
 TY, NEW MEXICO  
 Y PLAT  
 RO WELL NO, 5

Scale  
 Date 7/14/77  
 Drawn J.V.N.  
 Checked HRC  
 Approved  
 Revised