

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instructions on
reverse side)

on approved.
Budget Bureau No. 42-R1425.

30-043-20579

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

Rijan Oil Company, Inc.

3. ADDRESS OF OPERATOR

20 First Plaza, Suite 402, Albuquerque, NM 87102

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

At surface

2310' FSL & 990' FWL

At proposed prod. zone

2310' FSL & 990' FWL

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

17 miles southwest of Cuba, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

330'

640 ac.

16. DISTANCE FROM PROPOSED LOCATION*

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

N/A

18. PROPOSED DEPTH

5200'

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

6782' GR.

22. APPROX. DATE WORK WILL START*

6-29-81

23. COUNTY OR PARISH

Sandoval

13. STATE

New Mexico

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	9-5/8"	36#	200'	100 sxs, circulate
7-7/8"	5-1/2"	14#	5200'	300 sxs

Plan to spud 12 1/2" hole, drill to 210' and set 200' of 9-5/8" casing with sufficient cement to circulate. Drill 7-7/8" hole to 5200' or depth sufficient to test the Entrada formation and run appropriate logs. If production indicated, will run 5 1/2" casing to total depth, cement with 300 sxs, perforate, and stimulate, if necessary. Will run 2-3/8" tubing for production string.

10" Schaffer Double Gate Hydraulic BOP tested to 3000 psi will be on well during all drilling operations. The BOP testing procedure and a schematic diagram of the BOP is attached.

shale
Lewis/formation is on the surface; estimated tops of geologic markers are; Gallup 2600', Dakota 4000' and Entrada 5200'. Water, oil or gas is anticipated in the Entrada formation. Gel type drilling mud will be used in this operation. No abnormal pressures or temperatures are anticipated.

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 Petroleum Engineer

DATE 6-2-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

As Amended

JUN 23 1981

C. A. Schmidt
JAMES F. SIMS
DISTRICT OIL & GAS SUPERVISOR

*See Instructions On Reverse Side

WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes C-128
Effective 1-1-65

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

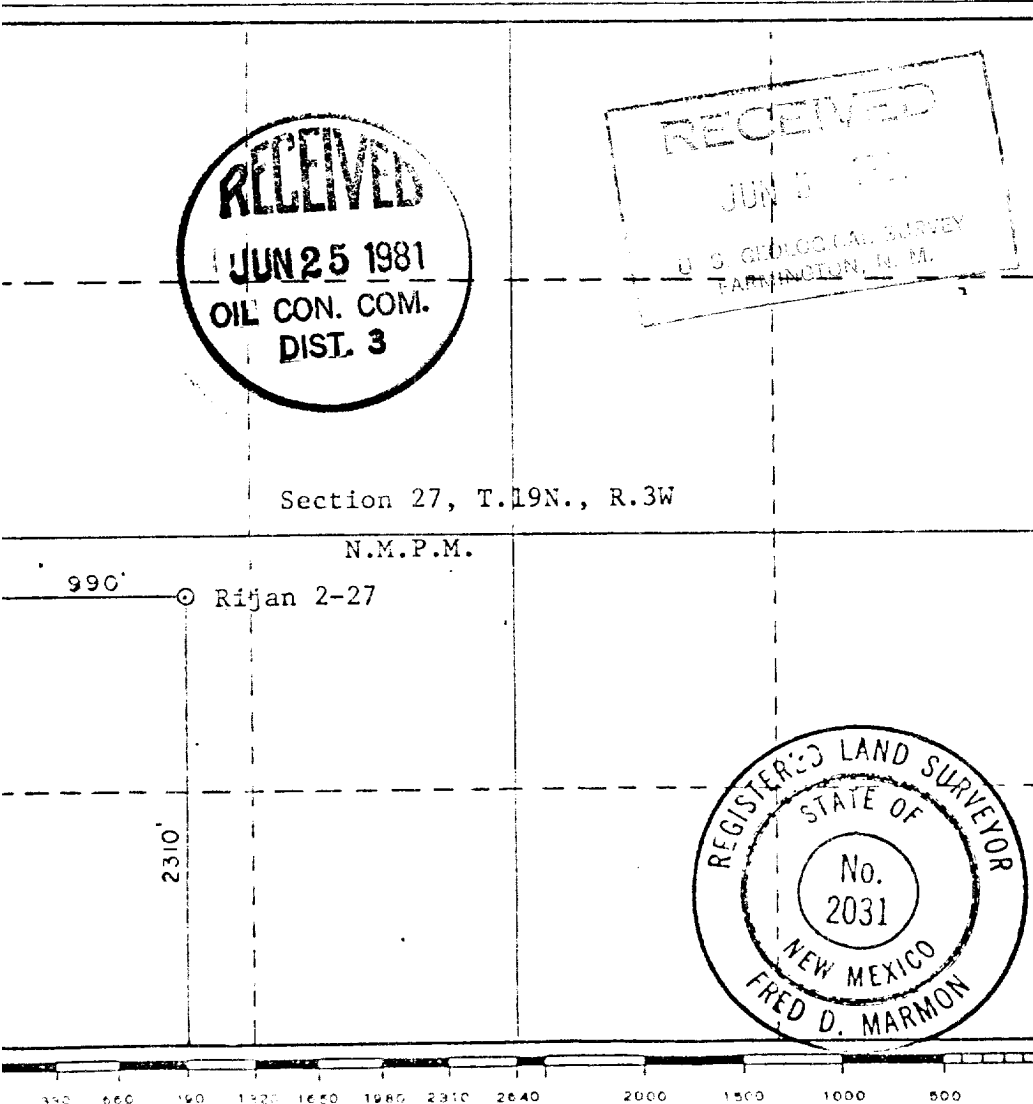
Oil Company, Inc.		Lease NM-13948-A		Well No. Federal 2-27	
Section 27	Township 19N	Range 3W	County Sandoval		
Well Location of Well: 2310 feet from the South line and 990 feet from the West line					
Surface Level Elev. 6782	Producing Formation Entrada	Pool Wildcat	Dedicated Acreage: 40.00 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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).
ONE LEASE ONLY
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? ONE LEASE ONLY

☐ 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.



CERTIFICATION

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

Name Val R. Reese

Vice President

Position

Rijan Oil Company, Inc.

Company

June 2, 1981

Date

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 and correct to the best of my knowledge and belief.

Date Surveyed

May 29, 1981

Registered Professional Engineer and/or Land Surveyor

Fred D. Marmion

Certificate No.

2031