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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-22498
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E - 6597 - 2	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Mandana State	
2. Name of Operator Hixon Development Company		9. Well No. 2	
3. Address of Operator P. O. Box 2810, Farmington, New Mexico		10. Field and Pool, or Wildcat NIPP - PC	
4. Location of Well UNIT LETTER B LOCATED 990 FEET FROM THE North LINE AND 1680 FEET FROM THE East LINE OF SEC. 2 TWP. 25N RGE. 12W NMPM		12. County San Juan	
19. Proposed Depth 1325'		19A. Formation Pictured Cliffs	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 6331' GL	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor L & B Speed Drill	
22. Approx. Date Work will start 6/15/77			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
7 7/8"	5 1/2"	15.5	36'	5	Surface
4 3/4"	2 7/8"	6.5	1325'	75	Surface

It is proposed to drill a 7 7/8" surface and 4 3/4" hole with minimum mud to test the Pictured Cliffs formation. Completion evaluation will be based on an IES open hole log. It is not planned to have a BOP on well while drilling. Will install master valve and stripper head while completing. A gas purchaser has not been assigned for this well.

APPROVAL VALID
FOR 90 DAYS OR
RENEWAL REQUIRED

EXPIRES 7-17-77



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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed [Signature] Title Petroleum Engineer Date April 15, 1977

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DIST. 30 DATE APR 18 1977

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

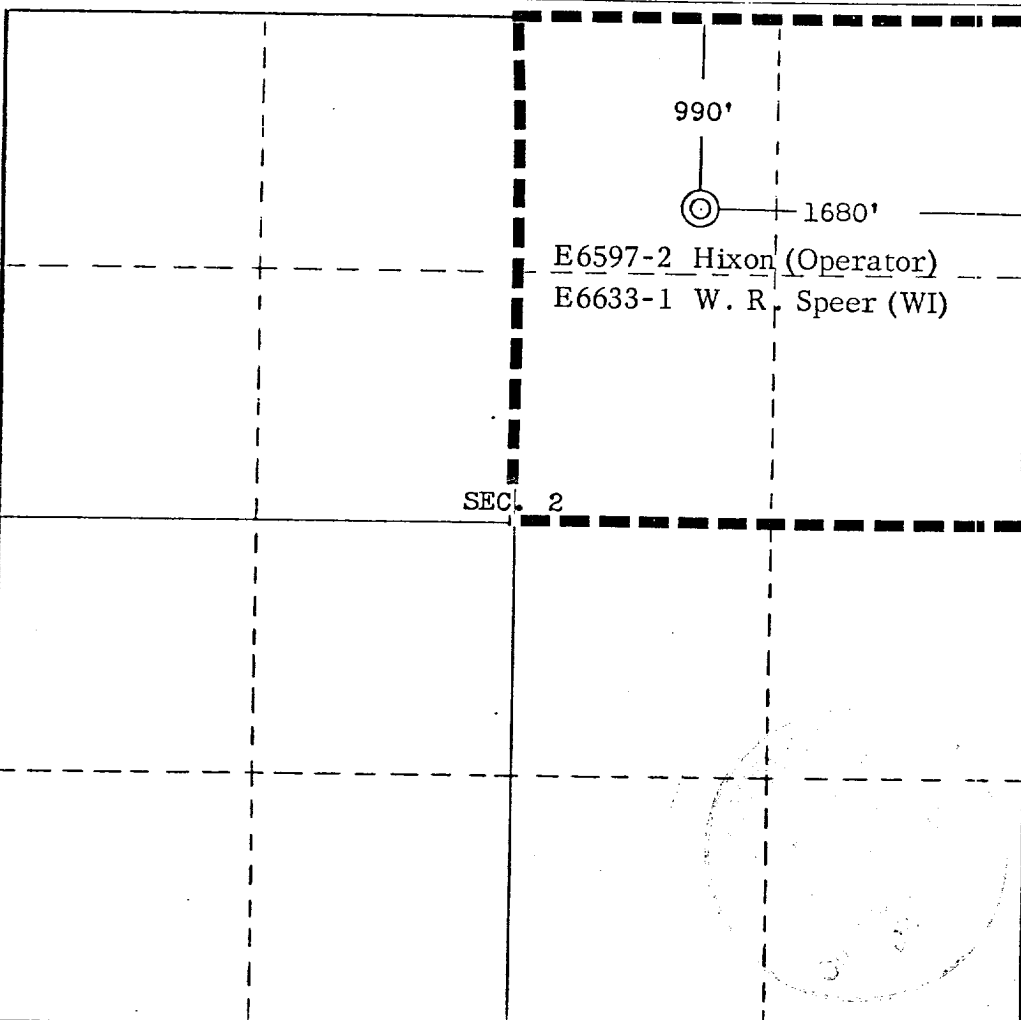
Operator Hixon Development Company			Lease Mandana State		Well No. 2
Unit Letter B	Section 2	Township 25 North	Range 12 West	County San Juan	
Actual Footage Location of Well: 990 feet from the North line and 1680 feet from the East line					
Ground Level Elev. 6331	Producing Formation Pictured Cliffs		Pool NIPP - PC		Dedicated Acreage: 160 159.58 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).
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 Communitization

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.

Aldrich L. Kuchera

Name

Aldrich L. Kuchera

Position

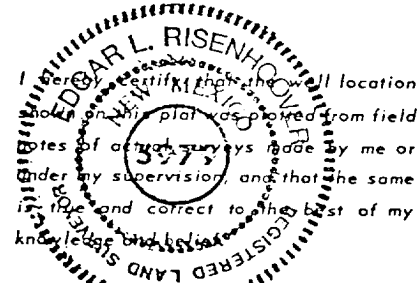
Petroleum Engineer

Company

Hixon Development Co.

Date

April 15, 1977



Date Surveyed

April 12, 1977

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. **5979**

Edgar L. Risenhoover, L.S.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0