

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATE  
Instructions on  
reverse side)

Form Approved  
Budget Bureau No. 42-1012

30 045-25644

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  
Hixon Development Company

3. ADDRESS OF OPERATOR  
P.O. Box 2810, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 870  
At proposed prod. zone 790' FNL, 1850' FEL, Section 4, T25N, R12W, 1450

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
25 miles south of Farmington

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN QUARTER SECTION  
398.600

19. PROPOSED DEPTH  
1300'

17. NO. OF ACRES ASSIGNED TO THIS WELL  
160

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6158' GLE 6160'

22. APPROX. DATE WORK WILL START\*  
May 1, 1983

23. PROPOSED CEMENTING PROGRAM  
This section is subject to administrative appeal pursuant to 30 CFR 250.290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
8-3/4"	7"	20#	90'	75 sacks to surface
5"	2-7/8"	6.5#	1300'	150 sacks to surface

It is proposed to drill the subject Pictured Cliffs well.

It will be evaluated on the basis of open hole logs. Please refer to the attached NTL-6 data.

NOTE: This is a replacement well for the Hixon Federal Well No. 1-R.

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 Charles L. Kersner Petroleum Engineer

DATE 3/15/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED  
AS AMENDED

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE  
APR 1 1983  
JAMES F. SIMS  
DISTRICT ENGINEER

ok

44-000

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-78

All distances must be from the outer boundaries of the Section

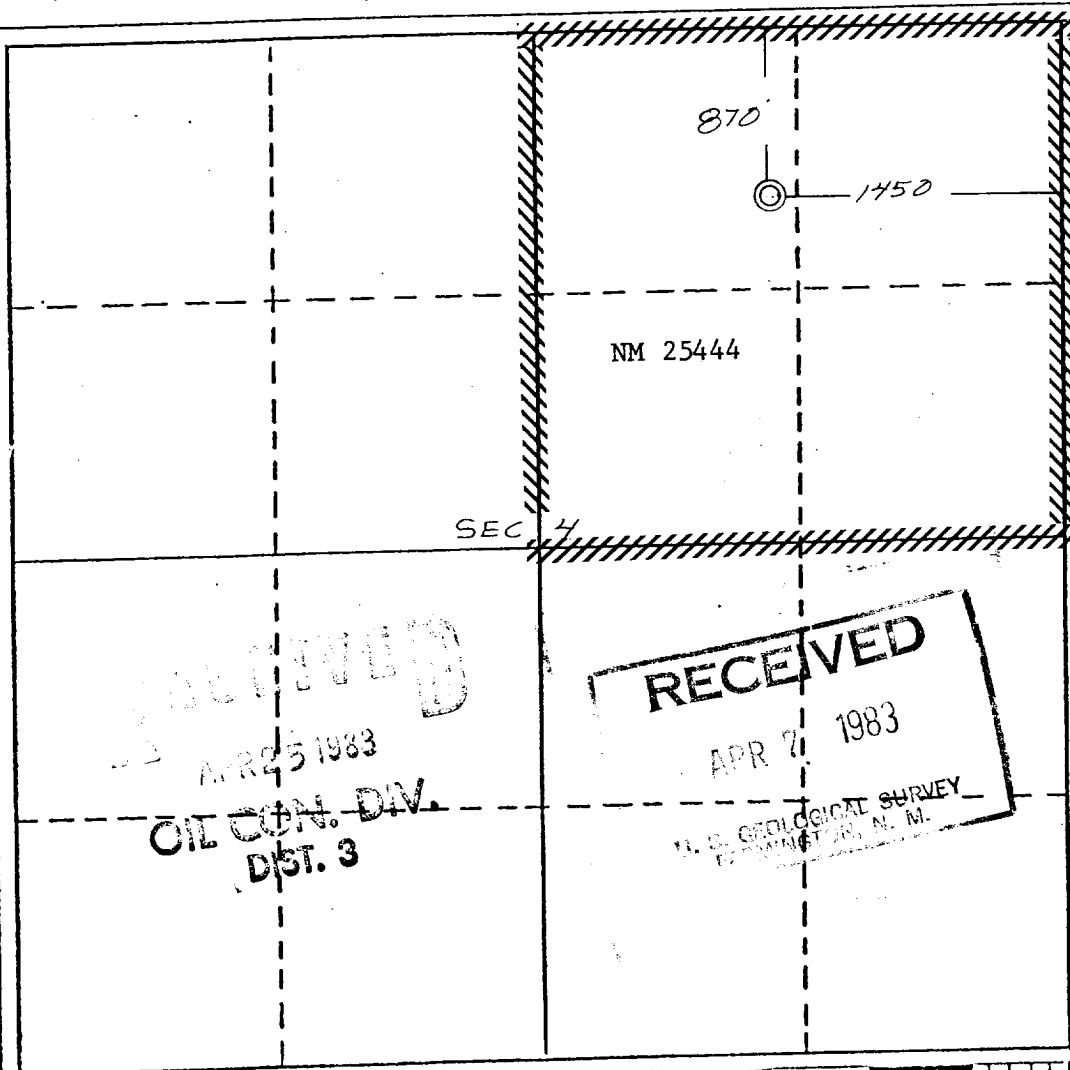
Operator Hixon Development Company		Lease Hixon Federal		Well No. 21J
Unit Letter B	Section 4	Township 25 North	Range 12 West	County San Juan
Actual Footage Location of Well: 870 feet from the North line and 1450 feet from the East line				
Ground Level Elev. 6160	Producing Formation Pictured Cliffs	Pool WAW-Fruitland-PC	Dedicated Acreage: 160 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 \_\_\_\_\_

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 Division.



CERTIFICATION

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

Name  
Aldrich L. Kuchera  
Position  
Petroleum Engineer  
Company  
Hixon Development Company  
Date  
April 6, 1983

I hereby certify that the well location shown on this plat was obtained from field 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  
March 29, 1983  
Registered Professional Engineer  
and/or Land Surveyor

Edgar L. Risenhoover  
Certificate No. 5979  
Edgar L. Risenhoover, L.S.

OLD  
HICKORY #1

R/W

750

1000

M

NM 27136

193 Ac  
3.9 cfs  
63 psi

33

LAT. 45-71-6.1

D=30

150 Ac  
3.0 cfs  
73 psi

EDNY  
R/W  
W-15

OLD Hickory #2

NM 27135  
0.234 M

165 Ac  
3.3 cfs  
103 psi

D=236

NM 27131

0.149 M

4-6

(174 Ac)

NAPI FIELD

4-67

(250 Ac)

238 Ac  
4.8 cfs  
63 psi

OLD LOCATION

NEW LOCATION

RED ARROW

0.18 M

80 Ac  
1.6 cfs  
63 psi

70

4-84

(84 Ac)

127 Ac  
2.5 cfs  
63 psi

4-85

(134 Ac)

12

4-87

(100 Ac)

73

4-86

(148 Ac)

1-10  
27107

4-88

(161 Ac)

4-89

(161 Ac)

4-90

(161 Ac)

4-91

(161 Ac)

4-92

(161 Ac)

4-93

(161 Ac)

4-94

(161 Ac)

4-95

(161 Ac)