

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-045-25376
14-20
5. LEASE DESIGNATION AND SERIAL NO.
NOC-C-5008

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

Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1017, Farmington, New Mexico 87401

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

At surface
790 FNL and 1810 FEL

At proposed prod. zone

Same

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 drilg. unit line, if any)

790'

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

N/A

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

6530' KB

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 N 321.91

20. ROTARY OR CABLE TOOLS

Rotary

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

6341' GL

22. APPROX. DATE WORK WILL START*

June, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	20 #/ft.	200'	175 sx.
7-7/8"	4-1/2"	10.5 #/ft.		785 sx.

Propose to drill 12-1/4" hole to 200'. Will set 200' 8-5/8" 20 #/ft surface casing w/1/5 sx 'B' 2% CACL₂. Will drill 7-7/8" hole to 6,560 ft. Will run open hole logs. If appear productive will run new 4-1/2" 10.5 #/ft casing to TD and cement. 1st stage to cover Gallup and Dakota w/450 sx Class 'H' 2% gel. Will cement second stage to cover Mesaverde w/165 sx Class 'B' 2% D-79 followed by 50 sx 'H' 2% gel. Will cement third stage w/70 sx Class 'B' 2% D-79 followed by 50 sx Class 'H' 2% gel to cover Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo. Will perforate and frac as required. 10" 900 series double ram blowout preventers will be used on all drilling. 6" 900 series double ram blowout preventer will be used on completion.

ESTIMATED TOPS

Ojo Alamo	1130	Mesaverde	3420
Kirtland	1250	Mancos Shale	4530
Fruitland	1580	Gallup	5330
Pictured Cliffs	1850	Greenhorn	6195
Lewis Shale	2045	Graneros Sand	6280

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

Operations Manager

DATE 3/17/82

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Hold C104 for Communitization
Gas not dedicated
JH

NMOC

RECEIVED

TITLE

MAY 4 1982

CON. COM.

DIST. 3

APPROVED
AS AMENDED

MAY 3 1982

JAMES F. SIMS
DISTRICT ENGINEER

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

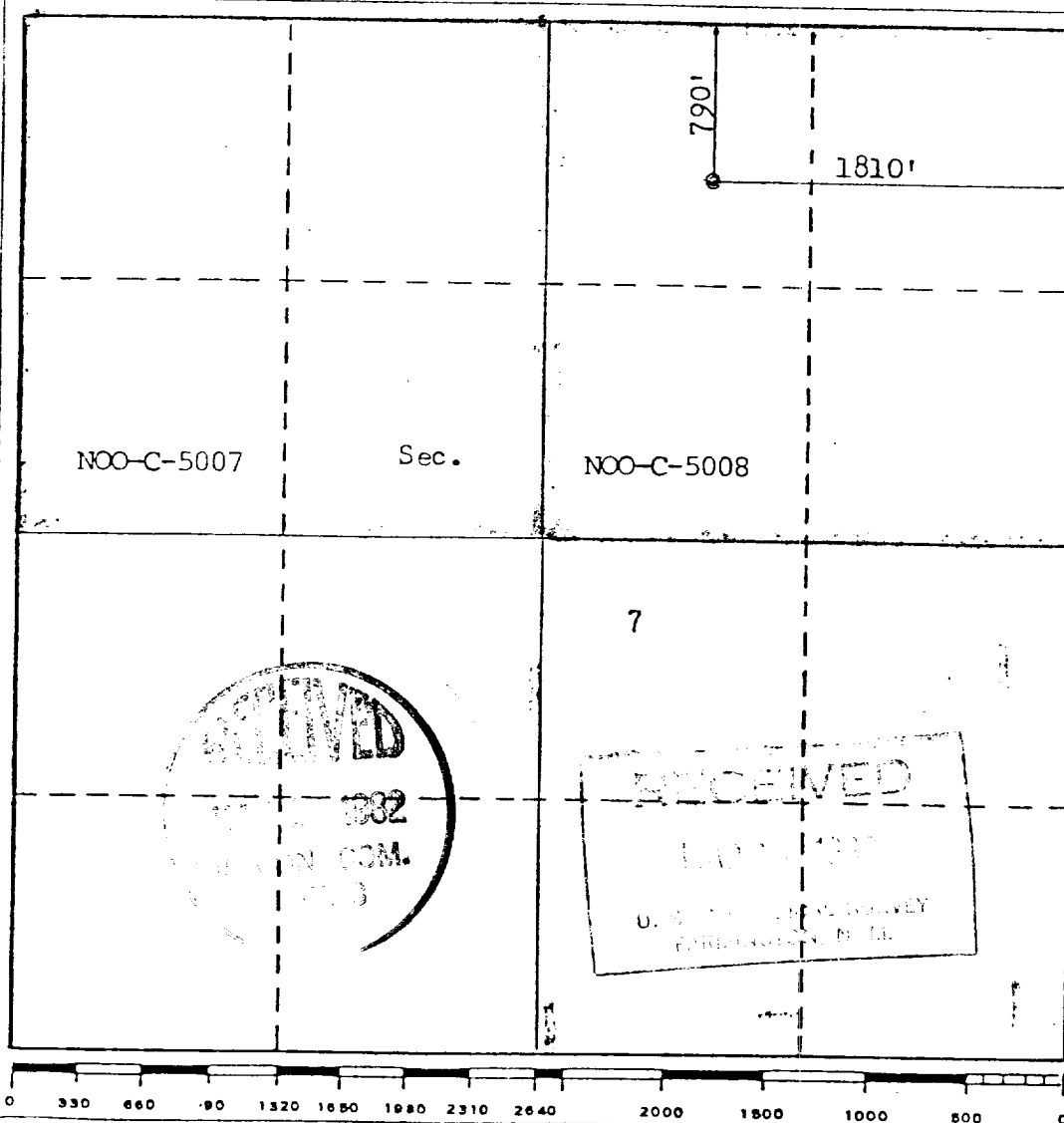
Operator MERRION OIL & GAS INCORPORATED			Lease Warito Com		Well No. No. 1
Unit Letter B	Section 7	Township 25N	Range 8W	County San Juan	
Actual Footage Location of Well: 790 feet from the North line and 1810 feet from the East line					
Ground Level Elev. 6341	Producing Formation Dakota		Pool Basin	Dedicated Acreage: 3.38 N 321.91 Acres	

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 Will be communitized

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
Steve S. Dunn
Position
Operations Manager
Company
Merrion Oil & Gas Corp.
Date
3/17/82

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
March 16, 1982
Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.
Certificate No.
3950