

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1880' FSL and 960' FWL

At proposed prod. zone

Same

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

13 miles North of Counselors

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)
960'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1100'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6555' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

23. PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8, J-55	23 #/ft.	200	170 sx (350.2 cu. ft.)
7-7/8"	4-1/2, J-55	10.5 #/ft.	4880	925 sx.

Will drill 12-1/4" surface hole to 200 ft. and set 200 ft. of 8-5/8", 23 #/ft. J-55 grade casing with 170 sx Class B cement with 3% CaCl₂. Will drill 7-7/8" hole to 4880'. Will run open hole logs. No other testding during drilling planned. If well appears productive, will run 4880' of 4-1/2" 10.5 #/ft. J or K-55 grade casing to TD. Will cement with 700 sx Class B 2% D-79 (2.06 cu. ft/sk yield) 1442 cu. ft. cement followed by 225 sx Class H 2% gel (1.22 cu. ft/sk yield) 275 cu. ft. cement to cover Mesaverde, Chacra, Pictured Cliffs, Fruitland and Ojo Alamo. Estimated top of cement is at the surface. Drilling circulating medium will be low solids, non-dispersed, low water loss mud using Bentonite, starch, CMC, and fresh water. Minimum specifications for pressure control is 10" 900 series double ram blowout preventer. Will perforate the Mesaverde and stimulate as required for completion.

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 [Signature] TITLE Operations Manager

(This space for Federal or State office use)

PERMIT NO. SEP 25 1984

APPROVED BY OIL CON. DIV.

DIST. 3

TITLE

APPROVAL DATE

APPROVED

AS AMENDED

SEP 21 1984

By J. Stan McKee

AREA MANAGER
FARMINGTON RESOURCE AREA

NMOCC

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 MERRION OIL & GAS CORPORATION			Lease Canyon Largo Unit		Well No. 348
Unit Letter L	Section 6	Township 24N	Range 6W	County Rio Arriba	
Actual Footage Location of Well: 1880 feet from the South line and 960 feet from the West line					
Ground Level Elev. 6555	Producing Formation Mesaverde		Pool Devils Fork Mesaverde		Dedicated Acreage: 40 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 Commission.

CERTIFICATION

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

Steve S. Dunn

Name
Steve S. Dunn

Position
Operations Manager

Company
Merrion Oil & Gas Corporation

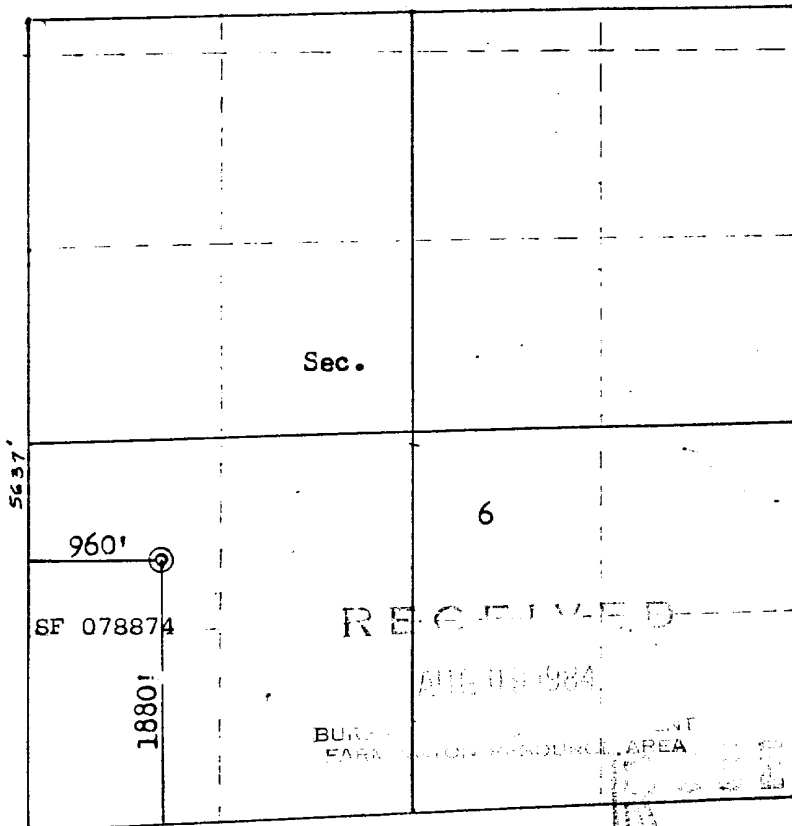
Date
7/30/84

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
July 17, 1984
Registered Professional Engineer and Land Surveyor

Fred B. Kerra
Fred B. Kerra

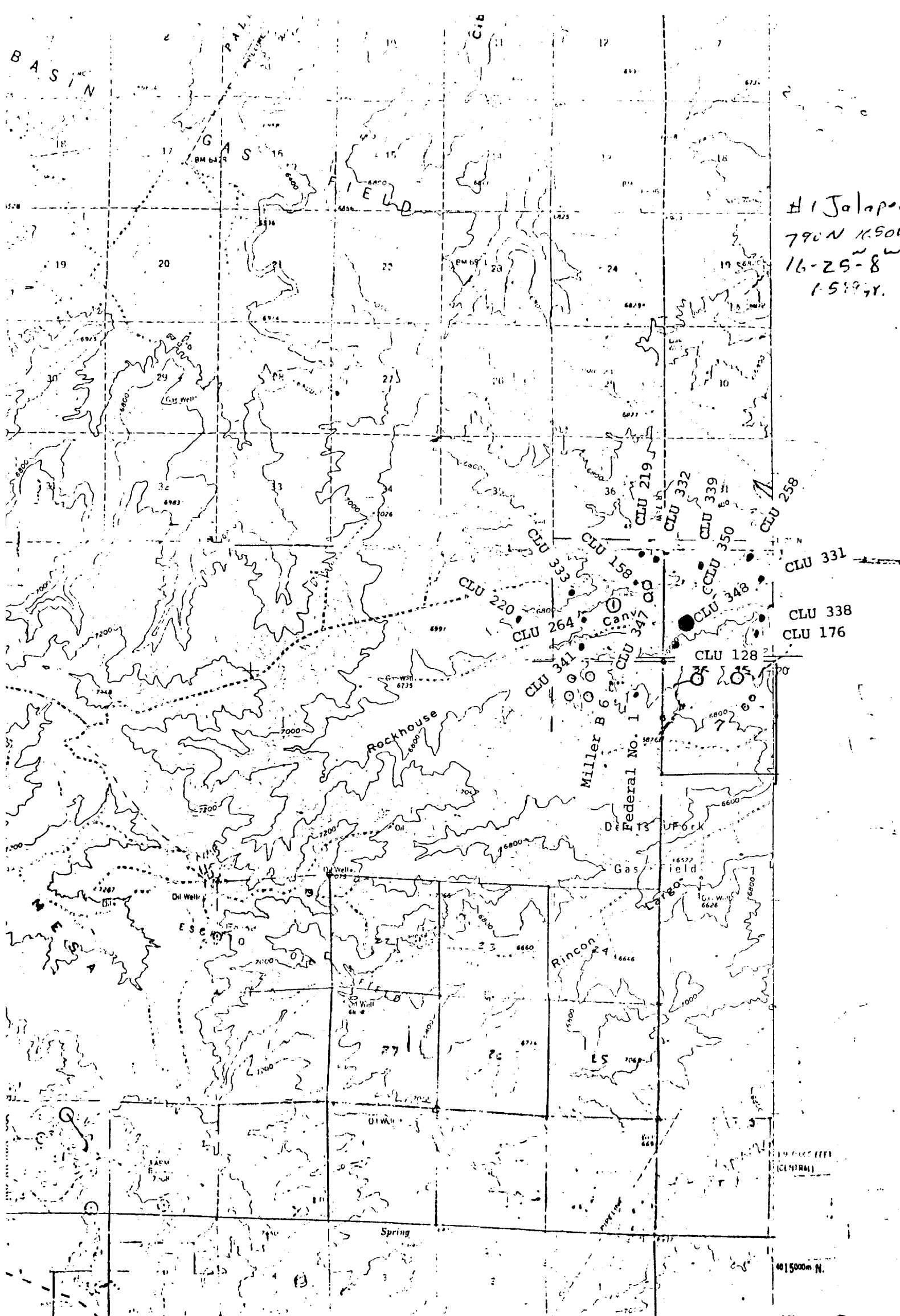
Certificate No.
3050



SEP 25 1984

OIL & GAS DIV
DISTRICT

Scale: 1"=1320'



#1 Jalapa
790N 1650E
16-25-8
1589Y.

Vicinity Map for
MERRION OIL & GAS CORP. #Canyon Largo Unit 348
1880'FSL 960'FWL Sec. 6-T24N-R6W
RIO ARRIBA COUNTY, NEW MEXICO