

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

980' FNL and 1650' FWL

At proposed prod. zone

Same

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

12 miles North of Counselors, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 1650'

16. NO. OF ACRES IN LEASE

1280

17. NO. OF ACRES ASSIGNED

TO THIS WELL.

160

18. DISTANCE FROM PROPOSED LOCATION*

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

2840

19. PROPOSED DEPTH

5720

20. ROTARY OR CABLE TOOLS

Rotary - 0 TD

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

6454' GL

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

GENERAL REQUIREMENTS CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

Spring, 1984

23.

This action is subject to administrative
appeal pursuant to 30 CFR 280.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24 #/ft. J-55	200'	175 sx (360.5 cu. ft.)
7-7/8"	4-1/2"	10.5 #/ft. J-55	5720'	975 sx

Will drill 12-1/4" surface hole to 200 ft. and set 200 ft. of 8-5/8", 24 #/ft. J-55 Grade casing with 175 sx Class B cement with 3% CaCl₂. Will drill 7-7/8" hole to 5720 ft. Will run open hole logs. No other testing planned. If well appears productime, will run 5720 ft. of 2-1/4", 10.5 #/ft. J-55 Grade casing and stage cement. First stage will cement with 225 sx Class H 2% gel (1.22 cu. ft/sk. yield) 275 cu. ft. cement to cover Gallup interval from TD. Estimated top of cement is 4927 ft. Will set stage collar at 4727 ft. below Point Lookout Formation. Second stage will cement with 700 sx Class B 2% D-79 (2.06 cu. ft/sk. yield) 1442 cu. ft. cement. Followed by 100 sx Class H 2% gel (1.22 cu. ft/sk. yield) 122 cu. ft. cement to cover Mesaverde, Chacra, Pictured Cliffs, Fruitland and Ojo Alamo. Estimate top of cement is 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 blow out preventer. Will perforate 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

TITLE Operations Manager

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AS AMENDED

APR-09 1984

DATE

AREA MANAGER
FARMINGTON RESOURCE AREA

DIST. 3 NMOCC

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NAME	ADDRESS	PHONE
Ojo Alamo	1507	
Kirtland	1667	
Fruitland	1837	
Pictured Cliffs	2137	
Lewis	2177	
Chacra	2907	
Cliffhouse	3607	
Menefee	3687	
Point Lookout	4307	
Mancos	4527	
Gallup	5367	
TD	5720	

[illegible]

With drill 12-1/4" surface hole to 400 ft. and set 100 ft. of casing with 175 ex class B cement with 3% Gravel. Will drill run open hole logs. No other testing planned. It will appear ft. of 2-1/4", 10.5 #ft, 7-85 Grade casing and gravel cement. 125 ex Class B 3% gravel (1.22 cu. ft./sk. yield) 175 cu. ft. cement from TC. Estimated top of cement is 417 ft. Will set upper 2 inchout formation. Second stage will cement with 700 ex Class yield/ 1000 cu. ft. cement. Followed by 100 ex Class B 3% gravel. It is desired to cover Haverhill, Concord, and Nashua. But top of stream is uncertain.

1. The first of these is the fact that the Commission has not yet received any information from the Government of the United Kingdom regarding the proposed extension of the franchise to women in the House of Commons. It is therefore unable to make any statement on this subject at present.

OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-107
Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

Operator MERRION OIL & GAS CORPORATION			Lease CANYON LARGO UNIT		Well No. 130R
Unit Letter C	Section 9	Township 24N	Range 6W	County Rio Arriba	
Actual Footage Location of Well: 980 feet from the North line and 1650 feet from the West line					
Ground Level Elev: 6454	Producing Formation Gallup		Pool Devils Fork Gallup		Dedicated Acreage: 160 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 _____

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.

1650'	980'
Sec.	
SF 078877	9

RECEIVED
MAR 08 1984
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

Scale: 1"=1000'

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 Corporation

Date
3/5/84

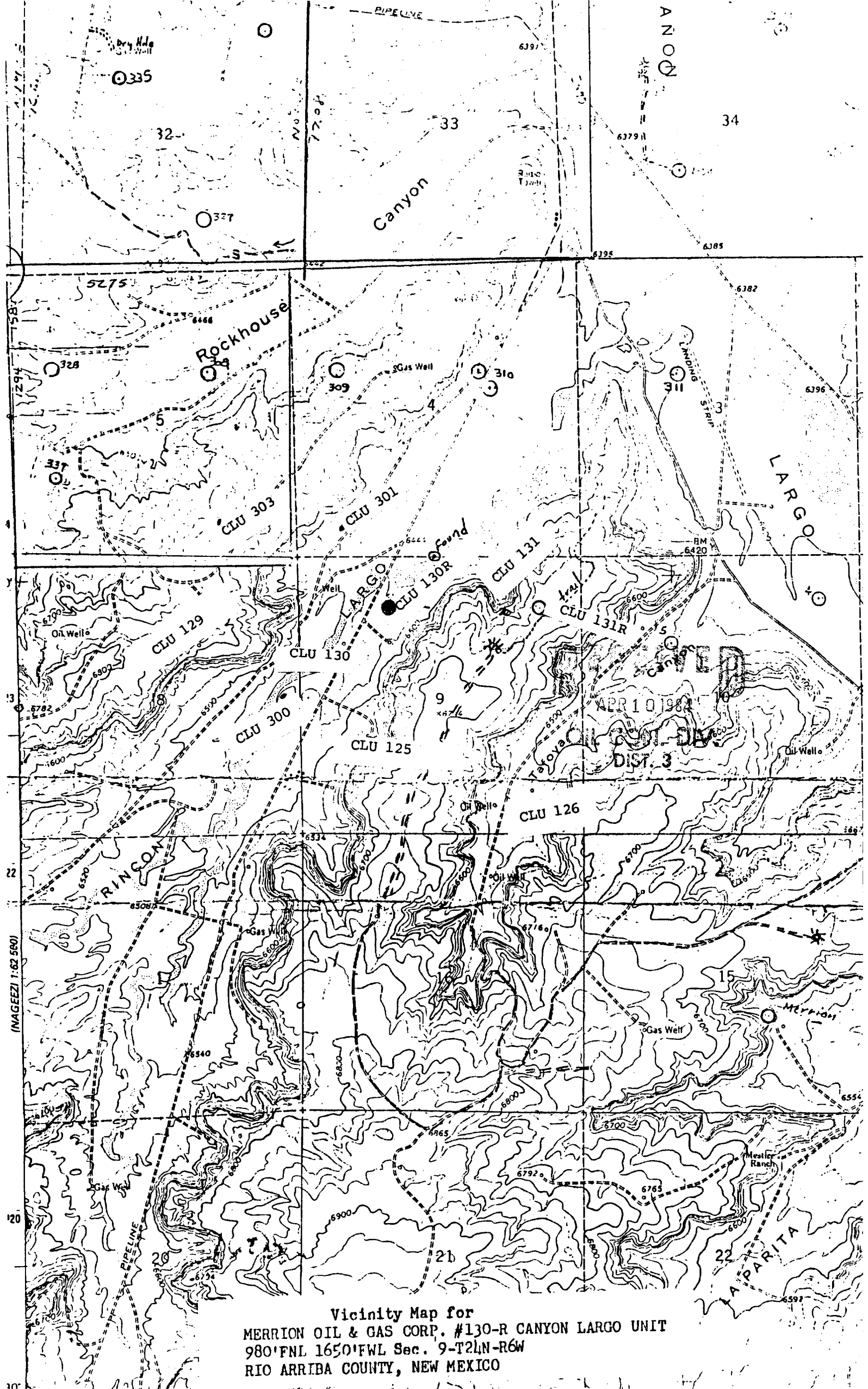
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
February 11, 1984

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.

Certificate No. 3950



Vicinity Map for
MERRION OIL & GAS CORP. #130-R CANYON LARGO UNIT
980'FNL 1650'FWL Sec. 9-T2LN-R6W
RIO ARRIBA COUNTY, NEW MEXICO