

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ 95 OCT 11 PM 1:48

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
Merrion Oil & Gas Corporation 14634

3. ADDRESS AND TELEPHONE NO.
P. O. Box 840, Farmington, NM 87499 (505) 327-9801

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 930' fnl & 1750' fw1
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10 miles north of Lybrook, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
990'

16. NO. OF ACRES IN LEASE
Unit

17. NO. OF ACRES ASSIGNED TO THIS WELL
160.48

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
3500'

19. PROPOSED DEPTH
6450'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6880'✓

22. APPROX. DATE WORK WILL START*
November, 1995

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200' 320'	90 cu.ft. circulated
7-7/8"	4-1/2"	10.5#	6450'	660 cu.ft. (3 stages)

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

Propose to drill 12-1/4" hole and set 200' of 8-5/8" surface casing. Will circulate cement, wait 10 hours and pressure test to 600 psi for 15 minutes. Will drill to 6450', run logs, and case with 4-1/2" cemented as follows:

1st Stage 180 cu.ft. to cover 300' above Gallup
2nd Stage 280 cu.ft. to cover the Mesaverde
3rd Stage 200 cu.ft. to cover the Ojo Alamo

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

Will selectively perforate and sand water fracture the Gallup formation

Additional drilling details are attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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. SIGNATURE Steven S. Dunn TITLE Operations Manager DATE 10-9-95

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY DAQ TITLE _____ DATE NOV 30 1995

DISTRICT MANAGER

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088 BLM MAIL ROOM
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

95 OCT 11 PM 1:48

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number <u>30-039-25552</u>	2 Pool Code <u>17610</u>	3 Pool Name <u>Devils Fork Gallup #950c</u>
4 Property Code <u>7750</u>	5 Property Name <u>Canyon Largo Unit</u>	6 Well Number <u>393</u>
7 OGRID No. <u>014634</u>	8 Operator Name <u>Merrion Oil & Gas Corportaion</u>	9 Elevation <u>6880'</u>

10 Surface Location

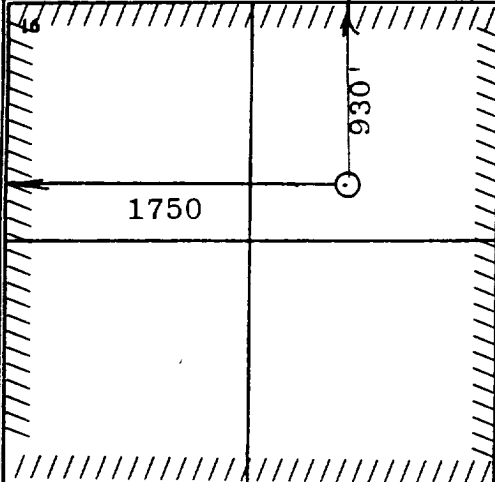
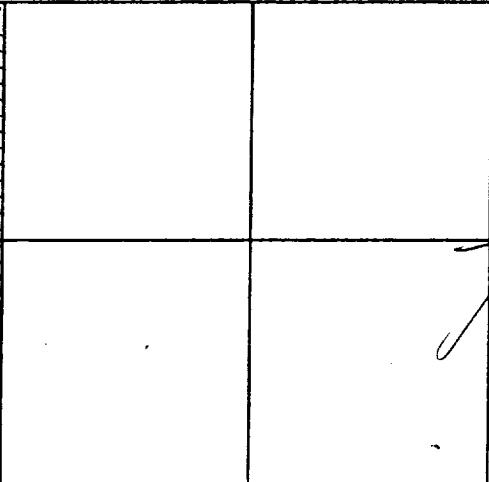

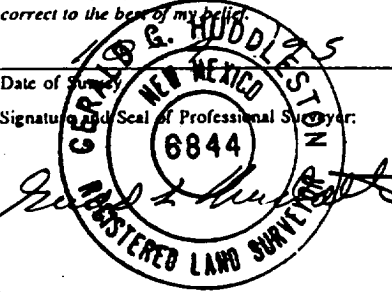
UL or lot no. <u>C</u>	Section <u>31</u>	Township <u>25 N</u>	Range <u>6 W</u>	Lot Idn <u>NENW</u>	Feet from the <u>930</u>	North/South line <u>North</u>	Feet from the <u>1750</u>	East/West line <u>West</u>	County <u>RioArriba</u>
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11 Bottom Hole Location If Different From Surface

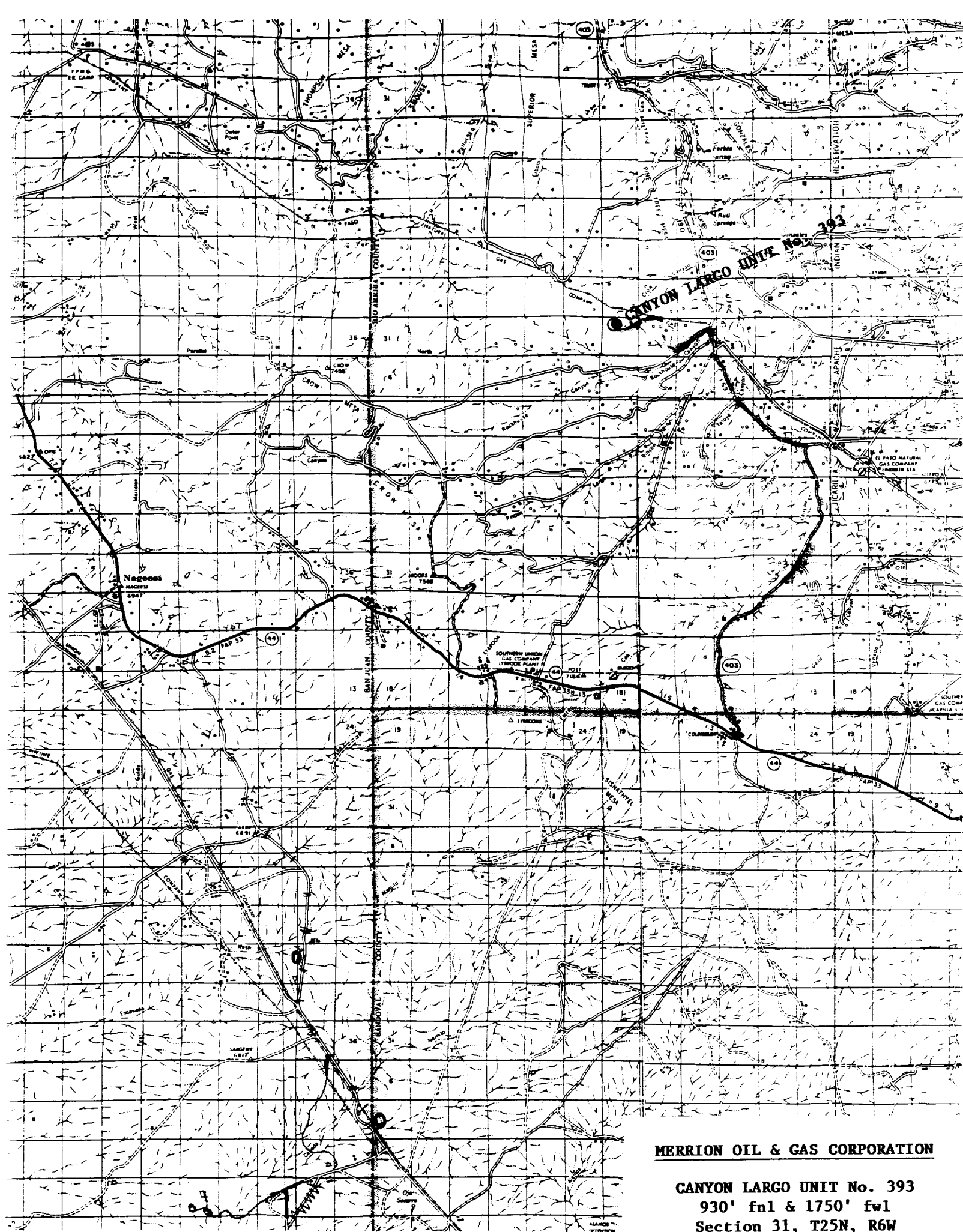
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres <u>160.48</u> <u>320</u>	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Printed Name <u>Steven S. Dunn</u> Title <u>Operations Manager</u> Date <u>10-9-95</u>
		18 SURVEYOR CERTIFICATION 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 belief.  Date of Survey Signature and Seal of Professional Surveyor Certificate Number

RECEIVED
DEC - 5 1995
OIL CON. DIV.
DIST. 3



MERRION OIL & GAS CORPORATION

CANYON LARGO UNIT No. 393
930' fnl & 1750' fwl
Section 31, T25N, R6W