

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

30-039-23973

Form C-101
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.
E-1207-4

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		7. Unit Agreement Name	
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐		8. Form of Lease Name NCRA State	
2. Name of Operator Merrion Oil & Gas Corporation		9. Well No. 6	
3. Address of Operator P. O. BOX 840, Farmington, New Mexico 87499		10. Field and Pool, or Well Unit Devils Fork Mesaverde	
4. Location of Well UNIT LETTER F LOCATED 2130 FEET FROM THE North LINE AND 2040 FEET FROM THE West LINE OF SEC. 16 TWP. 24N RGE. 6W		12. County Rio Arriba	
18. Proposed Depth 4953		19A. Formation Mesaverde	
21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor Rotary	
22. Approx. Date Work will start Winter/1986			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8", J-55	24 #/ft.	200'	175 sx Class B 3% CaCl ₂ (206.5 cu. ft.)	3% CaCl ₂ (206.5)
7-7/8"	4-1/2", J-55	10.5 #/ft.	4953'	675 sx (1202 cu. ft.)	

Propose to drill 12-1/4" hole to 200' and set 200' of 8-5/8", 24 #/ft. surface casing with 175 sx Class B 3% CaCl₂ (206.5 cu. ft.). Will drill 7-7/8" hole to TD and run open hole logs. If appears productive, will run 4-1/2", 10.5 #/ft, J-55 casing to 4953' and cement with 450 sx Class B 2% D-79, yield 2.06 cu. ft/sk (927 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. Will perforate and stimulate as necessary. 10" 900 series double ram preventers will be used in drilling. Drilling fluid will be low solids, non-dispersed, low water loss mud using bentonite, starch, CMC and fresh water.

APPROVAL EXPIRES 7-2-86
UNLESS DRILLING IS COMMENCED
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS

RECEIVED
DEC 31 1985

RECEIVED
DEC 20 1985
OIL CON. DIV.
DIST. 3

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. GIVE PLUGGING PREVENTER PROGRAM, IF ANY.

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

Signed [Signature] Title Operations Manager Date 12/18/85

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BASCH TITLE GEOLOGIST DISTRICT #3 DATE JAN 02 1986

CONDITIONS OF APPROVAL, IF ANY:

ESTIMATED TOPS

Ojo Alamo	1688
Kirtland	1845
Fruitland	2053
Pictured Cliffs	2282
Lewis	2385
Chacra	3118
Cliffhouse	3835
Menefee	3943
Point Lookout	4558
Mancos	4743
Total Depth	4953

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

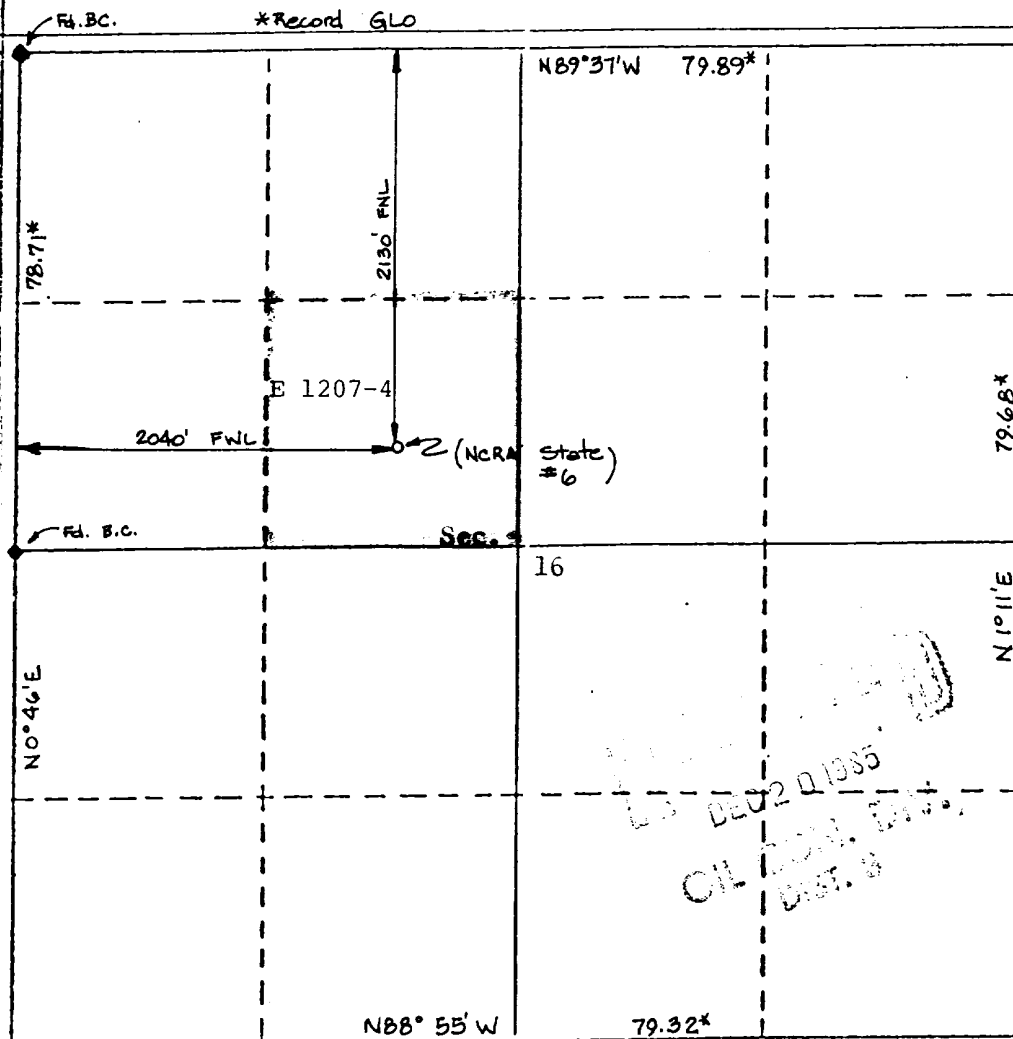
Operator MERRION OIL & GAS CORP.			Lease NCRA State		Well No. 6
Unit Letter F	Section 16	Township 24 North	Range 6 West	County Rio Arriba	
Actual Postage Location of Well: 2130 feet from the North line and 2040 feet from the West line					
Ground Level Elev. 6765	Producing Formation Mesaverde	Pool Devils Fork Mesaverde		Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatch 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

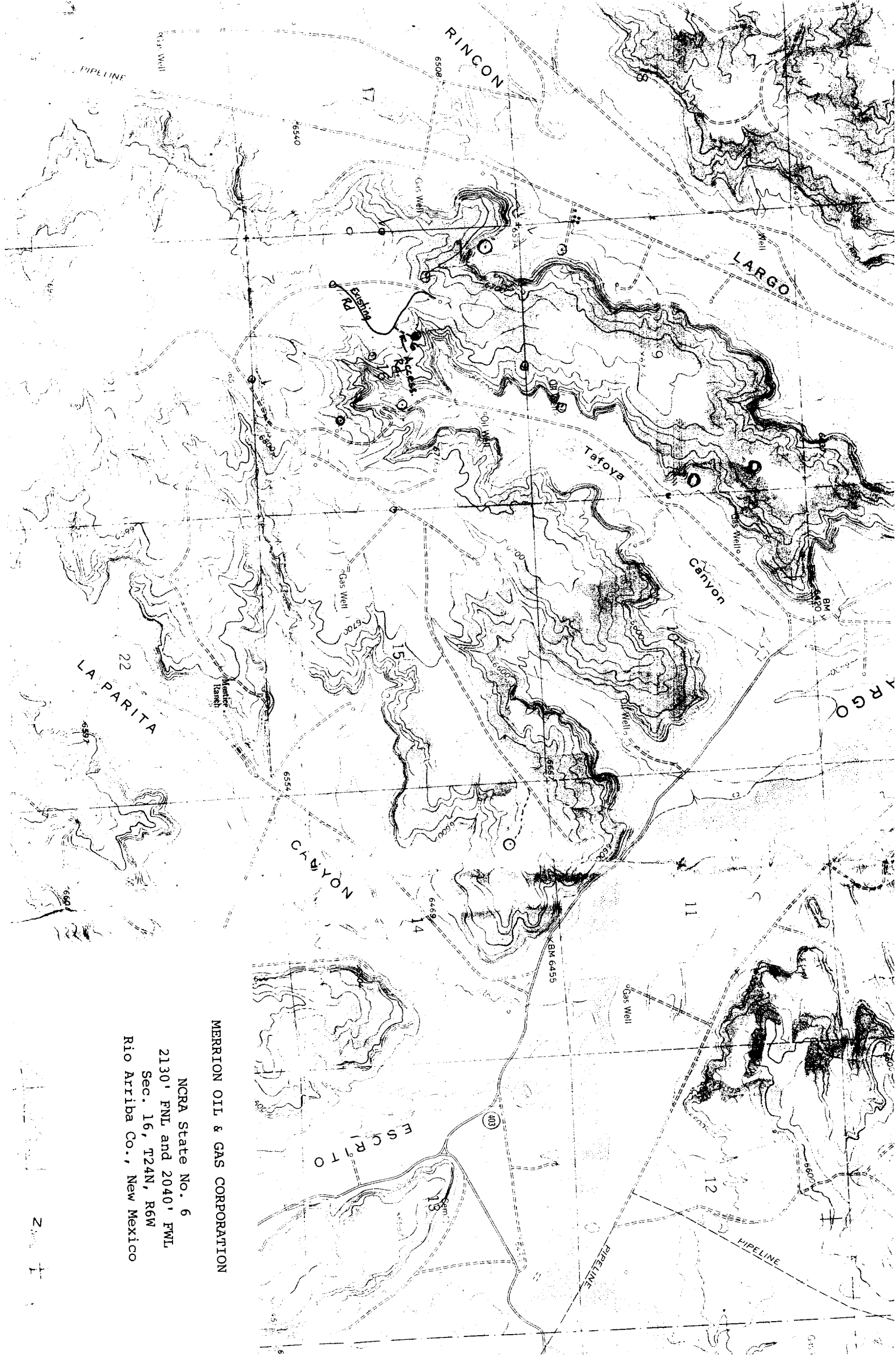
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Steve S. Dunn
Position
Operations Manager
Company
Merrion Oil & Gas Corporation
Date
12/2/85

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
NOV. 15 1985
Date Surveyed
8894
Registered Professional Land Surveyor
ROY A. RUSH
Certificate No.
8894





MERRION OIL & GAS CORPORATION

NCRA State No. 6
2130' FNL and 2040' FWL
Sec. 16, T24N, R6W
Rio Arriba Co., New Mexico