

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

30-034-23974

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 1207-6

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
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 840, Farmington, New Mexico 87499
4. Location of Well
ONLY LETTER K LOCATED 1995 FEET FROM THE South LINE
2080 FEET FROM THE West LINE OF SEC. 16 TWP. 24N RGE. 6W RANGE
5. Proposed Depth
4952
6A. Formation
Mesaverde
7. Rotary or Casing
Rotary
8. Date of Approval
6774' GL
9. Statewide
10. Drilling Contractor
11. Approx. Date Work will start
Winter/1986

7. Map Reference Name
8. Name of Lease Name
NCRA State
9. Well No.
7
10. Field and Pool, or Well No.
Devils Fork - MV
11. County
Rio Arriba

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOT.
12-1/4"	8-5/8", J-55	24 #/ft.	200	175 sx Class B 3% CaCl ₂ (206.5 cu. ft.)	
7-7/8"	4-1/2", J-55	10.5 #/ft.	4952	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 4952' 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 7-286
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS

RECEIVED

DEC 31 1985 Est. tops on back.

IN ABOVE SPACE PROVIDE 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 Steve Salas Title Operations Manager Date 12/18/85

(This space for State Use)

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

CONDITIONS OF APPROVAL, IF ANY:

ESTIMATED TOPS

Ojo Alamo	1687
Kirtland	1844
Fruitland	2052
Pictured Cliffs	2282
Lewis	2384
Chacra	3117
Cliffhouse	3834
Menefee	3942
Point Lookout	4557
Mancos	4742
Total Depth	4952

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

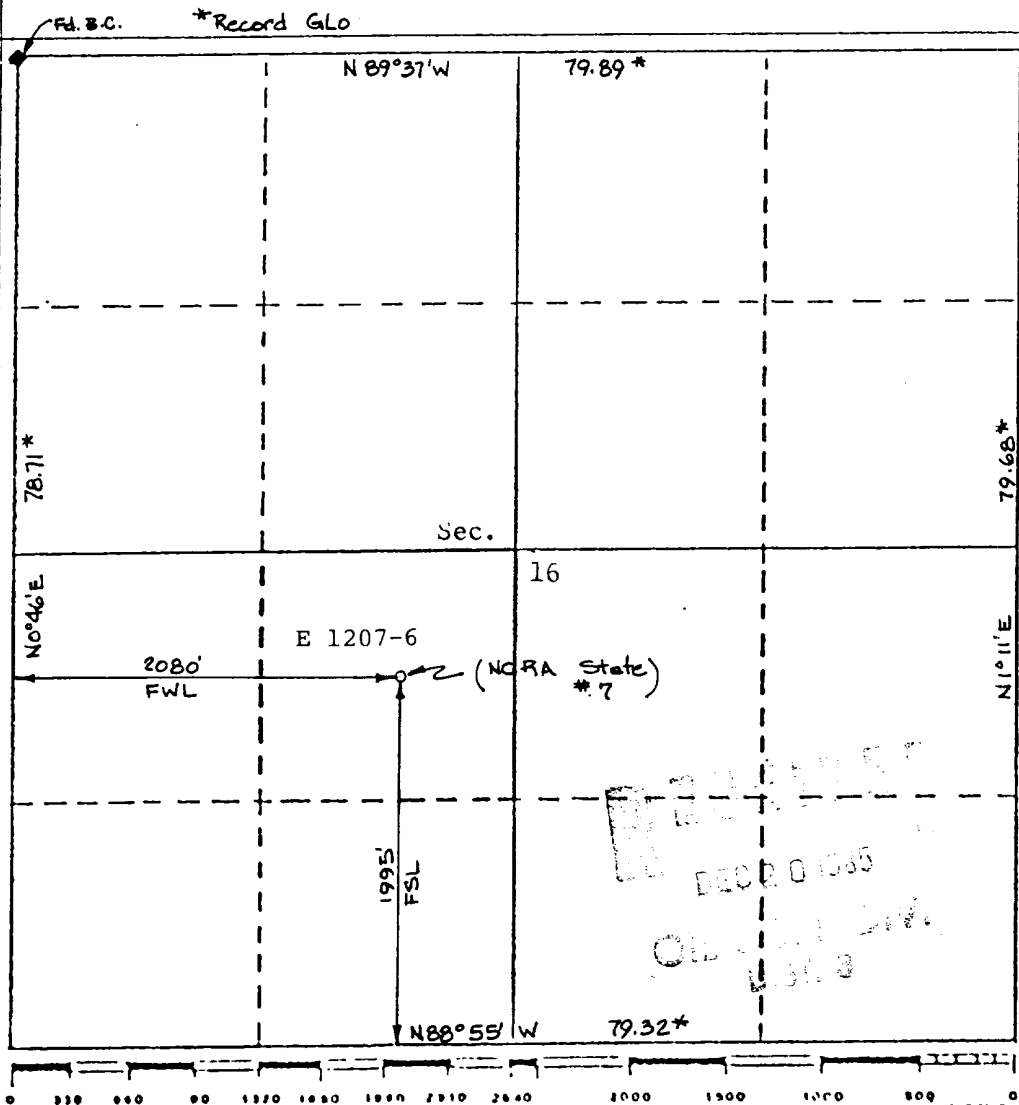
Operator MERRION OIL & GAS CORP.			Lease NCRA State		Well No. 7
Unit Letter K	Section 16	Township 24 North	Range 6 West	County Rio Arriba	
Actual Postage Location of Well:					
1995 feet from the South		line and 2080		feet from the West line	
Ground Level Elev. 6774	Producing Formation Mesaverde	Pool Devils Fork Mesaverde		Dedicated Acreage: 40 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?

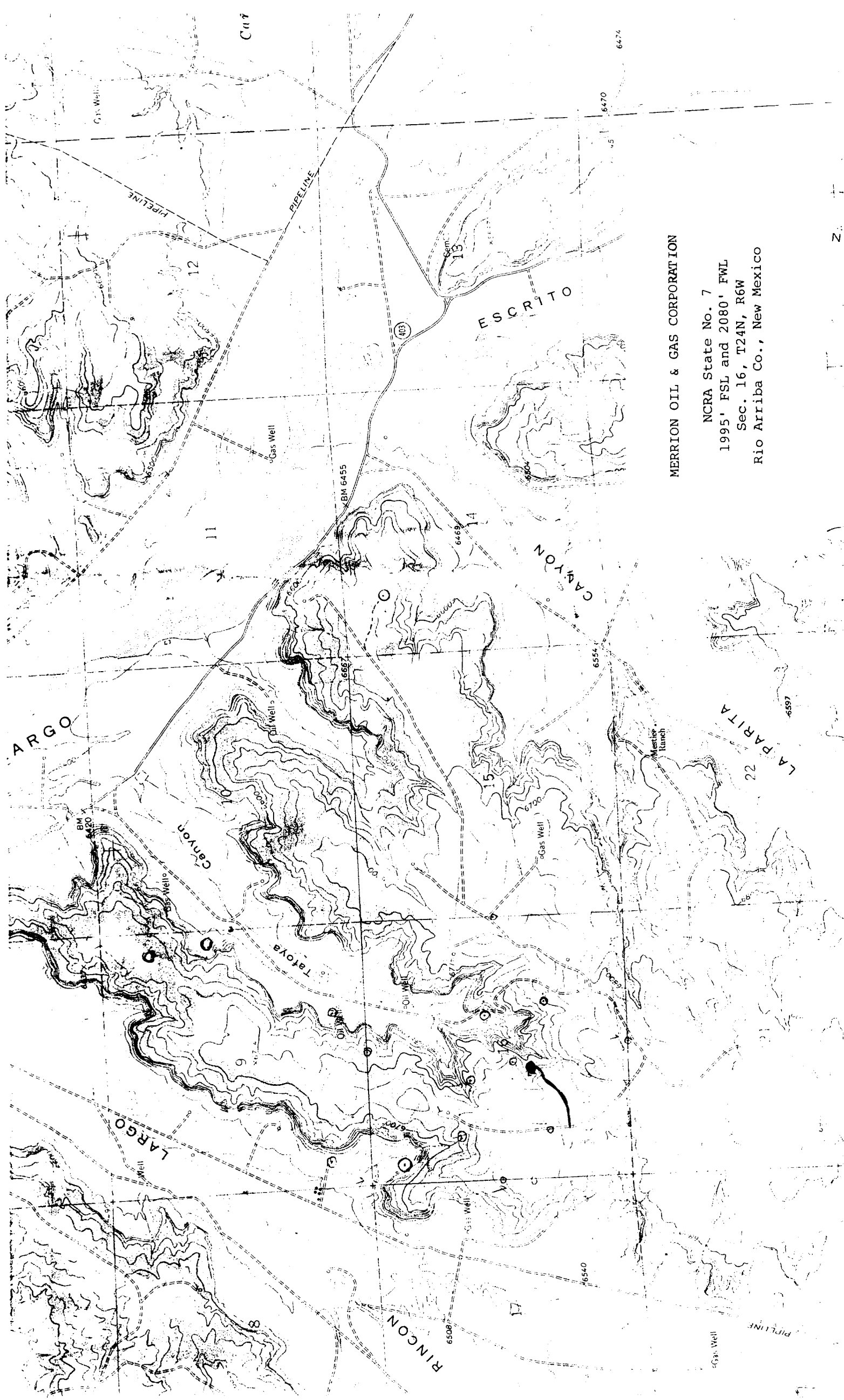
☐ Yes ☐ No If answer is "yes," type of consolidation _____

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 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	12/2/85
Registered Professional Engineer and/or Land Surveyor	ROY A. RUSH
Certificate No.	8894



MERRION OIL & GAS CORPORATION

NCRA State No. 7
1995' FSL and 2080' FWL
Sec. 16, T24N, R6W
Rio Arriba Co., New Mexico