

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

2. NAME OF OPERATOR

J. Gregory Merrion

3. ADDRESS OF OPERATOR

P.O. Box 507, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1530' FNL & 800' FWL

At proposed prod. zone

same

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

FARMINGTON, N. M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

2650'

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.

20. ROTARY OR CABLE TOOLS

Rotary

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

6618' GL

22. APPROX. DATE WORK WILL START*

As soon as possible

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7"	23#	90'	60 sacks, circulated to surface
5-1/4"	2-7/8"	6.5#	2650'	275 sacks

Will drill 9-7/8" hole to 90 ft. and set 90 ft. of 7", 23#, J-55 used casing with 60 sacks Class H cement, circulated to surface. Will core the Pictured Cliffs formation, drill 5-1/4" hole to 2650 ft., run 2650 ft. of 2-7/8", EUE, J-55, used casing and cement with 225 sacks Class B and Econofill plus 50 sacks Class H w/2% gel (471 cu. ft. of slurry is 140% of theoretical amount necessary to circulate to surface). Circulating medium will be clear water, natural mud and water-loss control additives. No abnormal pressures or temperatures are anticipated. Do not anticipate running logs. Blowout preventer

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

The gas from this formation is not dedicated to a gas contract.

ESTIMATED TOPS

Surface Formation: Clays & Sand

1980': Ojo Alamo

2450': Pictured Cliffs

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

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

Operator

DATE

September 16, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

Acting Dist. Super.

DATE

OCT 14 1981

CONDITIONS OF APPROVAL, IF ANY:

NMOC

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

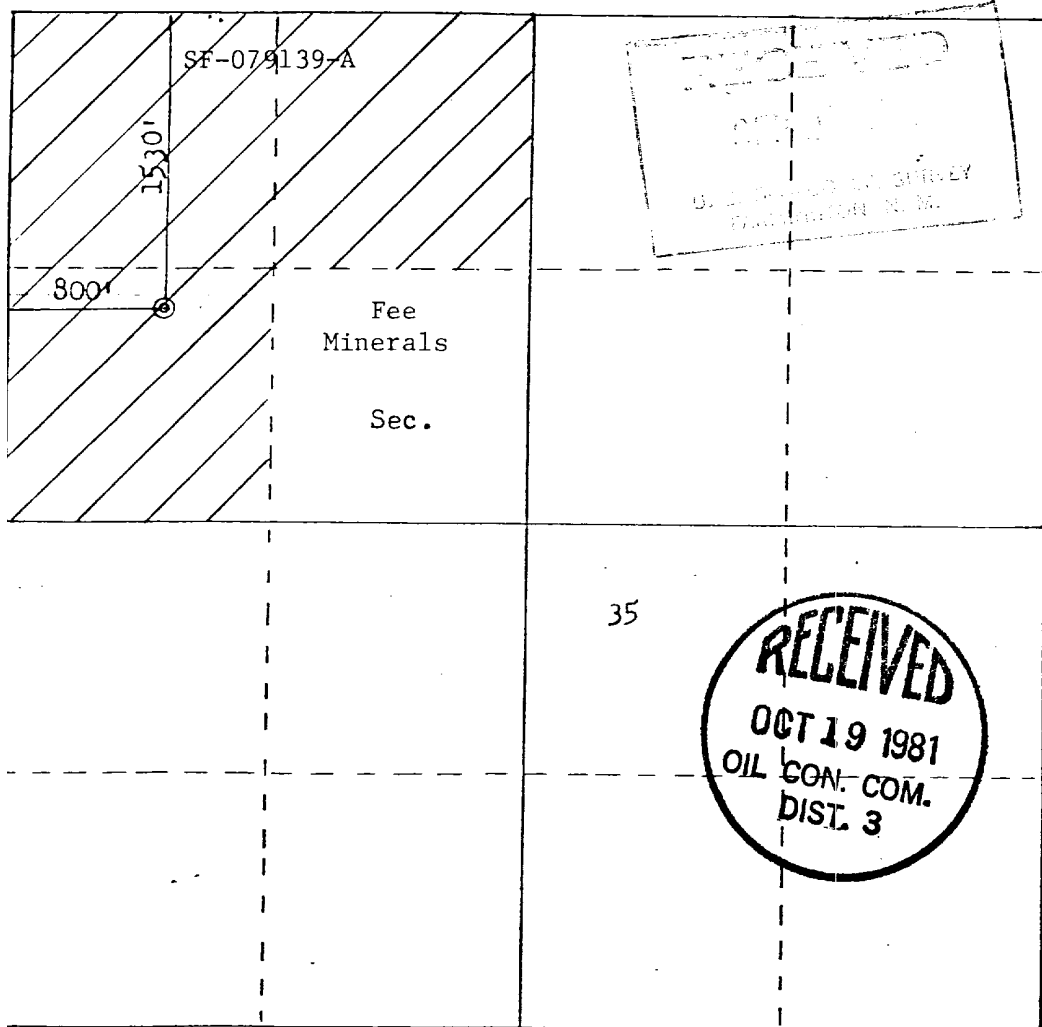
Operator: J. GREGORY MERRION			Lease: FEDERAL A		Well No.: 5
Unit Letter: E	Section: 35	Township: 25N	Range: 6W	County: Rio Arriba	
Actual Footage Location of Well: 1530 feet from the North line and 800 feet from the West line					
Ground Level Elev.: 6618	Producing Formation: Pictured Cliffs		Pool: Ballard Pictured Cliffs		Dedicated Acreage: 160 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 Communitization Agreement is in progress

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.



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	J. Gregory Merrion
Position	Operator
Company	J. Gregory Merrion
Date	September 16, 1981
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	September 16, 1981
Registered Professional Engineer and	Fred B. Kerr Jr.
Certificate No.	3950

J. GREGORY MERRION
Federal Com A #5
1530' FNL & 800' FWL
Section 35, T25N, R6W
Rio Arriba County, N.M.

Water Supply: _____
Existing Tank Battery: _____
Existing Roads: _____
Proposed Access Route: _____





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

September 29, 1981

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Mr. J. Gregory Merrion
Petroleum Engineer
P. O. Box 507
Farmington, New Mexico 87401

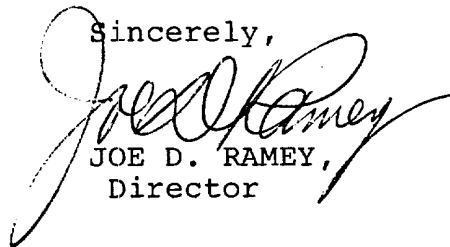
Administrative Order NSL-1431

Gentlemen:

Reference is made to your application for a non-standard location for your Federal Com A Well No. 5 to be located 1530 feet from the North line and 800 feet from the West line of Section 35, Township 25 North, Range 6 West, NMPM, Ballard-Pictured Cliffs Pool, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 104 F of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Sincerely,


JOE D. RAMEY,
Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec
Oil & Gas Engineering Committee - Hobbs
U. S. Geological Survey - Farmington



*There was a letter from the
U.S. Geological Survey dated 9/29/81
to the Oil & Gas Engineering Committee
regarding the proposed location of
Well No. 5.*

J. GREGORY MERRION
PETROLEUM ENGINEER
P. O. Box 507
FARMINGTON, NEW MEXICO 87401

September 17, 1981

State of New Mexico
Energy & Minerals Department
Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501

ATTENTION: Mr. Joe D. Ramey
Director

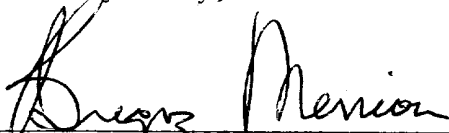
RE: Application for Administrative
Approval of Unorthodox Location
Federal Com A #5
NE/4 Sec. 35, T25N, R6W
Pictured Cliffs Test Well

Gentlemen:

I request administrative approval of subject unorthodox location because of topography conditions. The location is staked 120 feet north of the standard location and so located to avoid the necessity of making an excessively deep cut into the steeply sloping sandy location.

Offset owners as identified on the enclosed plat have been notified by Certified Mail. One waiver is enclosed herewith.

Yours very truly,


J. GREGORY MERRION

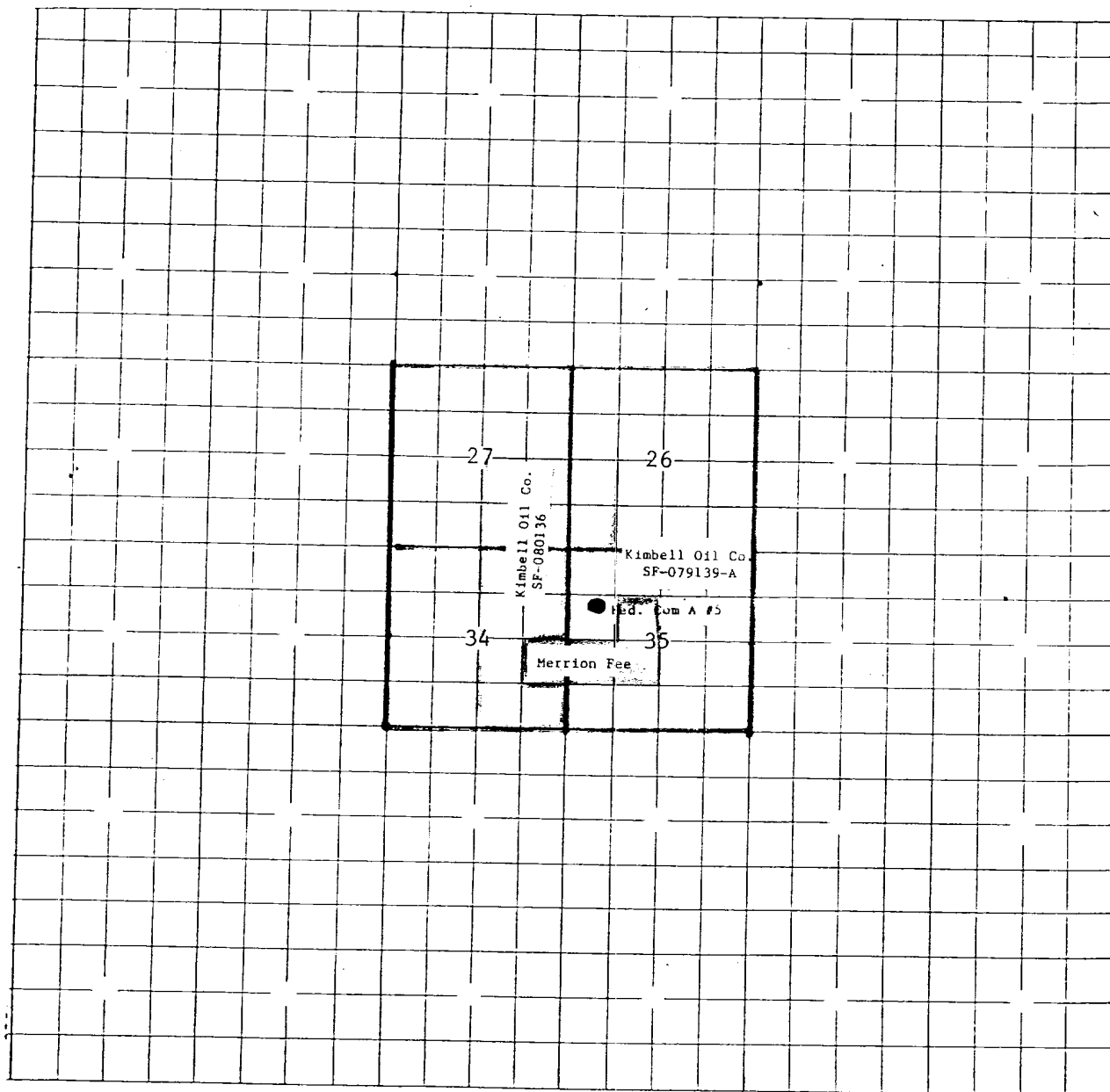
JGM/eh

✓ xc: NMOCC, Aztec

Enclosures: 2 - Plat
2 - Topo Map
2 - copy of waiver requests



J. GREGORY MERRION
Application for Unorthodox Location
Federal Com A #5
1530' FNL & 800' FWL
Section 35, T25N, R6W
Rio Arriba County, New Mexico
Ballard Pictured Cliffs Field



TOWNSHIP 25 North RANGE 6 West



J. GREGORY MERRION
Federal Com A #5
1530' FNL & 800' FWL
Section 35, T25N, R6W
Rio Arriba County, N.M.

Water Supply:

Existing Tank Battery:

Existing Roads:

Proposed Access Route:

