

DISTRIBUTION: 1-Well File; 1-Earleen; 1-Crystal

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

P. O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos, Aztec, NM 87410

API NO. (assigned by OCD on New Well)

30-039-23112

5. Indicate Type of Lease

STATE

☐

FEE

☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

RITA COM

8. Well No.

3

9. Pool name or Wildcat

Wildcat Mesaverde

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL

☐

RE-ENTER

☐

DEEPEN

☐

PLUG BACK

b. Type of Well:

Oil

Gas

SINGLE

MULTIPLE

Well

☐

Well

☐

Other

ZONE

☐

ZONE

☐

2. Name of Operator

MERRION OIL & GAS CORPORATION

3. Address of Operator

P. O. Box 840, Farmington 87499

4. Well Location

Unit Letter

K

1710

Feet From The

South

Line and

1990

Feet From The

West

Line

Section

15

Township

23N

Range

6W

NMPM

Rio Arriba

County

10. Proposed Depth

11. Formation

Mesaaverde

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, Etc)

6910' GL

14. Kind & Status Plug. Bond

15. Drilling Contractor

16. Approx. Date Work will start

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 7/8"

24 lb

212'

170 SK

Surface

7 7/8"

4 1/2"

17.5 lb

5670'

1025 SK

56 ft

Attached is a procedure to recomplete this well into the Mesaverde Formation.

If the well is unproductive, the procedure calls for plugging out the well.

RECEIVED
JUL 28 1993
OIL CON. DIV.
DIST. I

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM:
ZONE, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE

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

Signature

George F. Sharpe

Title

Petroleum Engineer

Date

7-26-93

TYPE OR PRINT NAME

George F. Sharpe

TELEPHONE NO.

327-9801

(This space for State Use)

APPROVED BY

Ernie Burch

Title

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Date

JUL 29 1993

CONDITIONS OF APPROVAL, IF ANY:

File NST to J.R. separately on C-103

Submit to Appropriate
District Office
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Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

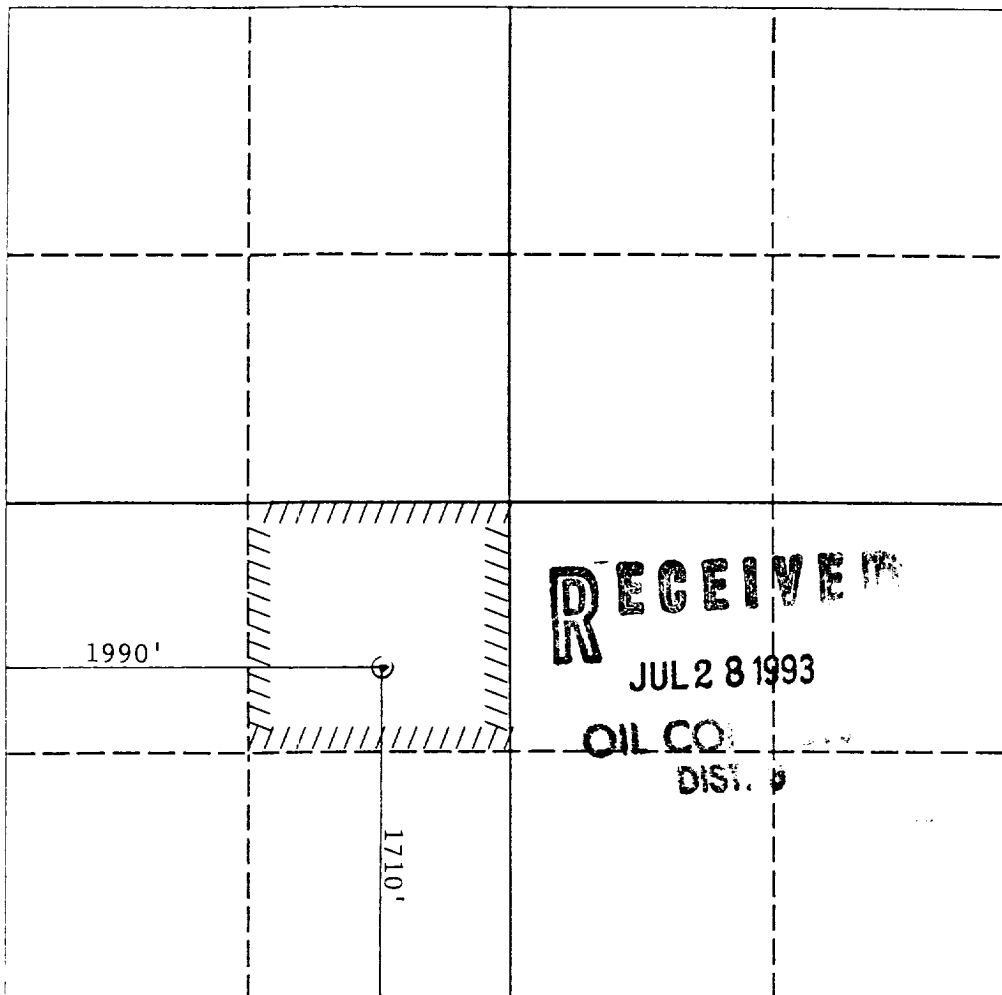
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MERRION OIL & GAS CORPORATION			Lease RITA COM		Well No. 3
Unit Letter K	Section 15	Township 23N	Range 6W	County Rio Arriba	
Actual Footage Location of Well: 1710 feet from the South line and 1990 feet from the West line					
Ground level Elev. 6910' GL	Producing Formation Mesaverde		Pool Wildcat	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature *George F. Sharpe*
Printed Name **George F. Sharpe**
Position **Petroleum Engineer**
Company **Merrion Oil & Gas Corp.**
Date **7-26-93**

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 knowledge and belief.

Date Surveyed _____
Signature & Seal of Professional Surveyor _____

Certificate No. _____

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

RITA 3
MESAVERDE RECOMPLETION PROCEDURE

Prepared By: George F. Sharpe

Date: 7-8-93

SQUEEZE GALLUP

- 1.) MIRU. Hot oil tbg. POOH w/rods & pump. POOH w/ 2 3/8" tbg.
- 2.) RIH w/ 2 3/8" tbg to 5621' PBTD. Spot 50 sx plug across Gallup perfs. Pull to 5000' & reverse clean.
- 3.) WOC. Tag cmt. Press test csg to 3000 psi. **Swab well to 3000'**. POH w/tbg.

PERFORATE & FRAC MV ZONE

- 4.) RU Perforators. Perforate 4043'-52, 4143-55, and 4231'-44' per induction log w/ 1 SPF @ 120. Spot 500 gal 15% HCl plus additives across perfs & pump in to break down. Swab test. If necessary, Frac w/procedure supplied at later date. Swab test.

P & A IF NECESSARY

- 5.) If not productive, RIH to \pm 4300'. Spot 75 sx plug across MV perfs and MV top. Pull to \pm 3600' & reverse clean.
- 6.) WOC. Tag . Roll hole w/ mud.
- 7.) Pull to 2090'. Spot 60 sx plug across PC to above Ojo Alamo.
- 8.) Pull to 262'. Spot 20 sx plug across csg shoe to surface. RDMOL.
- 9.) Cut off wellhead. Install P & A marker. Reclaim location.

Approved: _____

Date: _____

MERRION OIL AND GAS CORP.
WELLBORE SCHEMATIC

WELL RITA Com #3

LOCATION 1710' FSL, 1990' FWL
Sec 15, 23N, 6W

ENG: GFS DRFT: M.E.G.
DATE: 6-23-93

ELEVATION

GL: ~~5888~~ 6910'
KB: ~~5888~~ 6923'

FORMATION TOPS:

Q. to Alamo 1478'
PC 2040'
MV 3550'
Mancoos 4495'

Proposed MV Perfs

4044' - 52'
4136' - 55'
4230' - 45'

CAPACITIES: B/F

4 1/2" 10.5# - .0159
2 3/8" .00387
4 1/2" - 2 3/8" .0105

