

Distribution: 0+5 (BLM-Rio Puerco, Albuquerque, NM)

Form 3160-3
(November 1983)
(formerly 9-331C)

1 (Well File)

SUBMIT IN TRIPLICATE*

(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-043-20886
RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SMALL
ZONE

MULTIPLE
ZONE

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation 14634

3. ADDRESS OF OPERATOR

P. O. Box 840, Farmington, New Mexico 87499

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

At surface 2310' FSL & 1650' FEL (NWSE)

At proposed prod. zone

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

± 19 miles from Cuba, New Mexico (State Hwy 197 West)

15. DISTANCE FROM PROPOSED*

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

330'

16. NO. OF ACRES IN LEASE

720

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

4020'

20. ROTARY OR CABLE TOOLS

Rotary

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

6597' GLP

22. APPROX. DATE WORK WILL START*

December, 1992

23. PROPOSED CASING AND CEMENTING PROGRAM

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

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8", J-55	36#/ft	240'	150 sxs
8-3/4"	7", J-55	23#/ft	1950'	225 sxs
6-1/8"	4-1/2", J-55	10.5#/ft	4020'	Uncemented pre-perf liner

We propose to drill 12-1/4" surface hole to 240 ft and set 240 ft of 9-5/8", 36#, J-55 surface casing with 150 sx Class B (177 cu.ft.) 2% CaCl₂. Will wait on cement 10 hours, pressure test to 600 psi for 15 minutes. Will drill 8-3/4" hole to 1950 ft. May run open hole logs. Will run 1950 ft of 7", 23#, J-55 casing and cement with 125 sx (258 cu.ft.) Class B, 2% Sodium Metasilicate (yield 2.06 cu.ft./sx), followed by 100 sx (122 cu.ft.) Class H with 2% gel (yield 1.22 cu.ft./sx). Top of cement at surface. Will wait on cement 10 hours. Rig up drilling equipment. Will drill 6-1/8" hole with air from 1950 ft to 4020'. Will run open hole surveys. If well appears productive, will run 2150 ft of 4-1/2" slotted or pre-perf liner and set hanger at 1870' ±. Will conduct production test. Additional drilling technical details are attached.

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.

SIGNATURE Steven S. Dunn

TITLE Operations Manager

DATE 11/12/92

(This space is for the signature of the permittee)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

DEC 31 1992

DEC 28 1992

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. DIV.

DIST. 3

NMOCD

AREA MANAGER

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Submit to Appropriate
District Office
State Lease - 4 copies
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

RECEIVED
BLM

92 NOV 25 PM 1:00

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

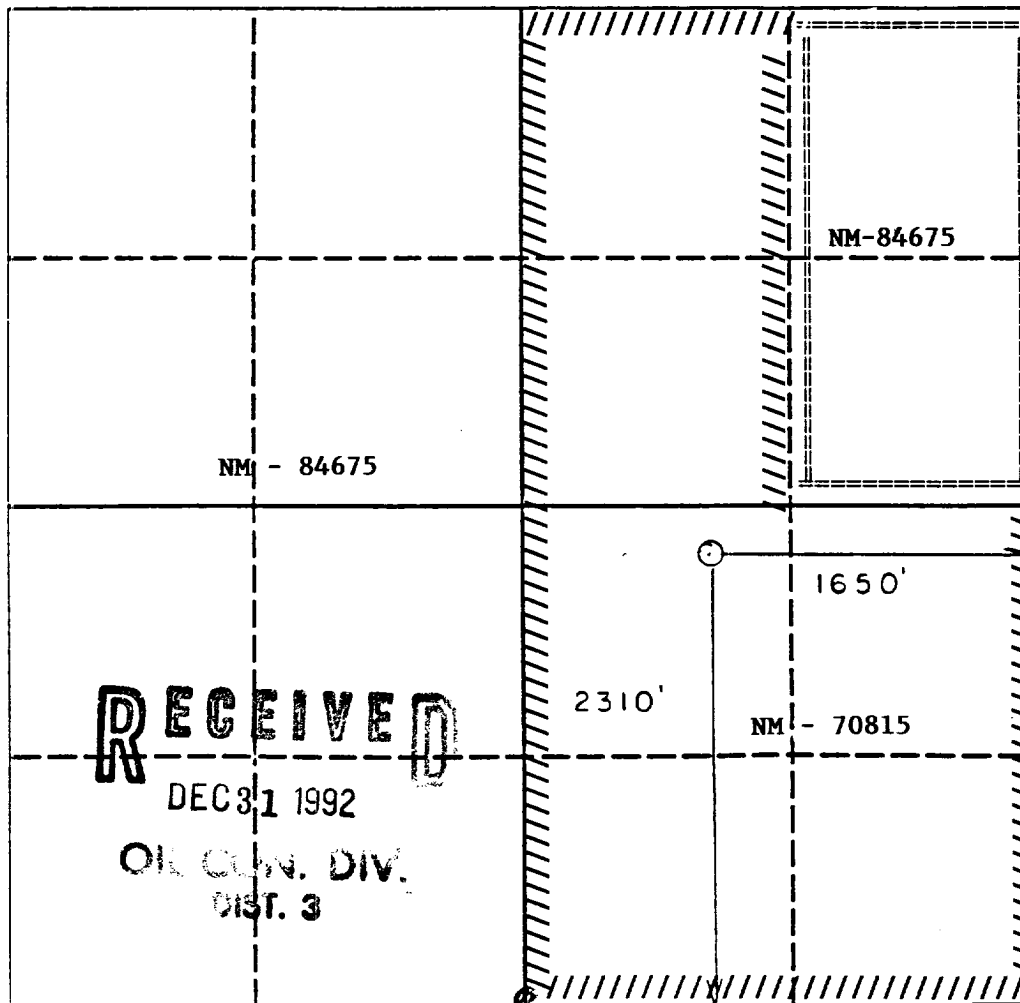
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MERRION O & G CORP.			Lease Rock Mesa		Well No. /
Unit Letter J	Section 32	Township 19 N.	Range 3 W.	County McKinley	Sandoval
Actual Footage Location of Well: 2310 feet from the South line and 1650 feet from the East line					
Ground level Elev. 6597'	Producing Formation Mancos		Pool Rock Mesa	Dedicated Acreage: 640 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 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.

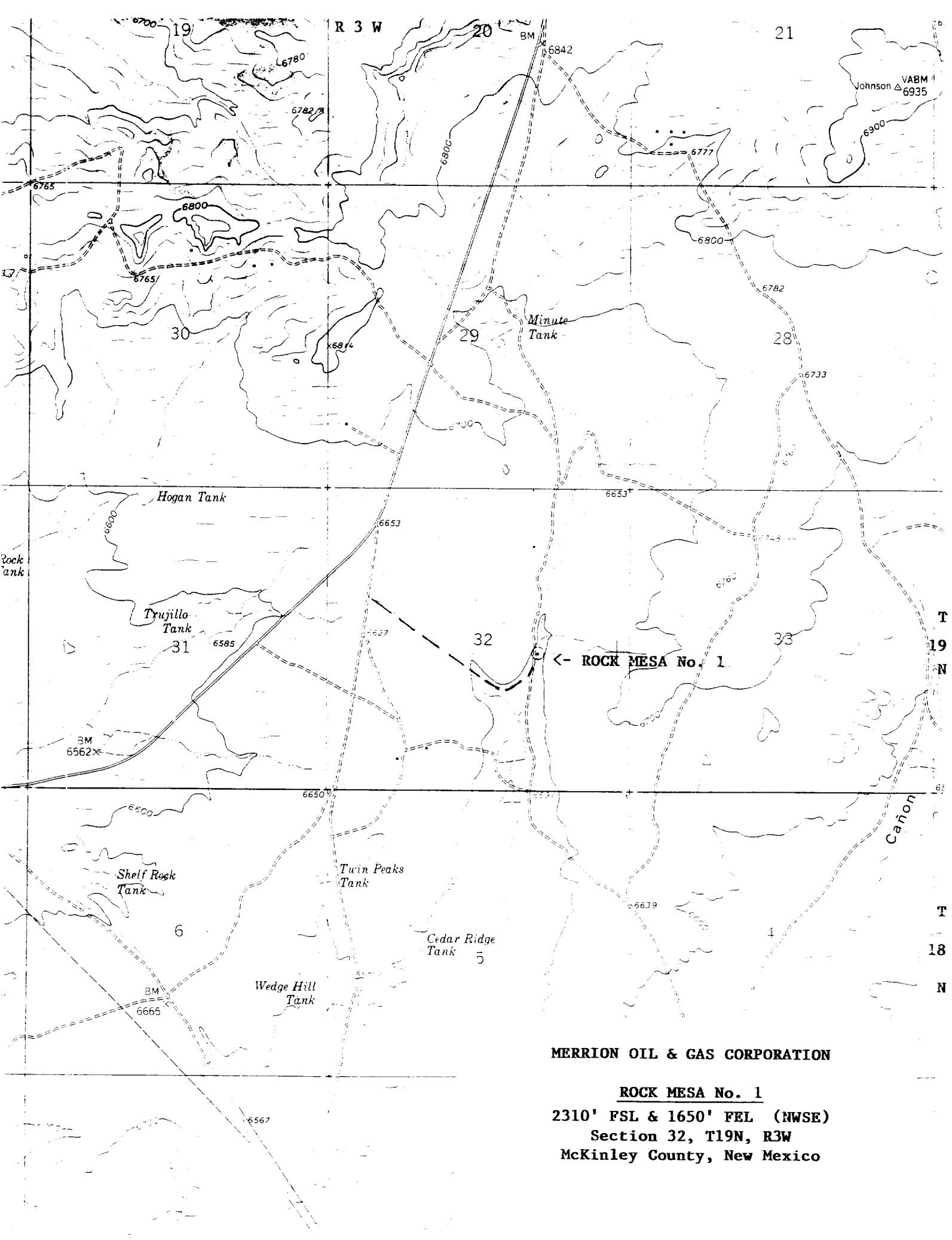
Signature *Steven S. Dunn*
Printed Name **Steven S. Dunn**
Position **Operations Manager**
Company **Merrion Oil & Gas Corp.**
Date **November 12, 1992**

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 **11-5-92**
Signature *Gerard S. Haddleston*
Professional Surveyor
Circular Stamp: **GERARD S. HADDESTON**, **NEW MEXICO**, **6844**
Certification

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



MERRION OIL & GAS CORPORATION

ROCK MESA No. 1

2310' FSL & 1650' FEL (NWSE)
Section 32, T19N, R3W
McKinley County, New Mexico