

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

OIL CONSERVATION DIVISION

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

RECEIVED

WELL API NO. 30-031-20957
Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Grey Mesa
8. Well No. 1
9. Pool name or Wildcat Wildcat Entrada
4. Well Location Unit Letter C : 990 Feet From The North Line and 2350 Feet From The West Line Section 5 Township 15N Range 6W NMPM McKinley County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6611' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
OIL WELL ☐ GAS WELL ☐ OTHER

2. Name of Operator
Merrion Oil & Gas Corporation

3. Address of Operator
P. O. Box 840, Farmington, NM 87499

4. Well Location
Unit Letter C : 990 Feet From The North Line and 2350 Feet From The West Line
Section 5 Township 15N Range 6W NMPM McKinley County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
6611' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Grey Mesa No. 1 drilling and plugging history is attached. Well is a dry hole,
no commercial accumulations of hydrocarbons were encountered.

RECEIVED
SEP 12 1991
OIL CON. DIV.
DIST. 3

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

SIGNATURE Steven S. Dunn TITLE Operations Manager DATE 8/28/91
TYPE OR PRINT NAME Steven S. Dunn TELEPHONE NO. 327-9801

(This space for State Use)

Original Signed by FRANK T. CHAVEZ

SUPERVISOR DISTRICT # 3

SEP 12 1991

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY:

GREY MESA NO. 1

On Report

August 16, 1991 Day No. 1

TD: 112'

Current Operation: Drilling

Detail: MIRU Salazar #4. Drill 12-1/4" hole to 112'. Circ and condition hole. POH. Run 3 jts 9-5/8" csg, set 3' below GL @ 103.84', bttm set @ 112'. KB 5'. Cement csg w/ Cementers, Inc. as follows: Establish circ w/ 10 Bbls H₂O. Mix and pump 18.41 cu ft class "B" cement w/ 2% CaCl, yield 1.18 cu ft/sk, density 15.6 lb/gal. Displace cement to 80' w/ 6.5 Bbls H₂O. SD, WOC. NU. NU BOP. (ARM)

Survey: 3/4° 112'

August 17, 1991 Day No. 2

TD: 1,080'

Current Operation: Drilling

Detail: Drilled 19 hrs. Circulate 2 hrs. Trip 3 hrs. (ARM)

Survey: 1/4° 600'
 1/2° 1,080'

August 18, 1991 Day No. 3

TD: 1,675'

Current Operation: Drilling

Detail: Drilled 18 hrs. Circulate 3 hrs. Trip 3 hrs. (ARM)

Survey: 1/2-3/4° 1,600'

August 19, 1991 Day No. 4

TD: 2,000'

Current Operation: Drilling

Detail: Drilled 16 hrs. Circulate 6 hrs. Trip 2 hrs. (ARM)

August 20, 1991 Day No. 5

TD: 2,022'

Current Operation: Drilling

Detail: Drilled 1 hr. TOH 1.5 hrs, lost 2 cones. Fish for cones 19 hrs. TIH Bit #7, 6-1/4" varel, 2 hrs. Drill .5 hr. (ARM)

GREY MESA NO. 1

August 21, 1991 Day No. 6

TD: 2,236'

Current Operation: Drilling

Detail: Drilled 18.5 hrs. TIH for Bit #8, 6-1/4" varel, 2 hrs.
Drilled 3.5 hrs. (ARM)

August 22, 1991 Day No. 7

TD: 2,576'

Current Operation: Drilling

Detail: Drilled 8 hrs. TIH for Bit #9, 6-1/4" varel, 2.5 hrs.
Drilled 13.5 hrs. (ARM)

August 23, 1991 Day No. 8

TD: 2,918'

Current Operation: Drilling

Detail: Drilled 5 hrs. Trip for Bit #10, 6-1/4" Hughes, 2.5 hrs.
Drilled 16.5 hrs. (ARM)

Off Report

August 23, 1991 Day No. 9

TD: 3,160'

Current Operation: Drilling

Detail: Drilled 18 hrs. TIH for Bit #11, 6-1/4" Varel, 3.5 hrs.
Circulate 2.5 hrs. (ARM)

Survey: 3,000' 1°

GREY MESA NO. 1

August 24, 1991

Day No. 10

TD: 3,218'

Current Operation: Plugging

Detail: Drilled 2 hrs. Circulate, short trip, 4 hrs. POH, 2 hrs. MIRU Schlumberger. Run IES Induction and Compensated Density surveys. Run repeat formation tester at following depths:

- | | |
|----------|----------|
| 1) 3054' | 4) 3079' |
| 2) 3067' | 5) 3085' |
| 3) 3073' | |

Rig down loggers. Logging rig time - 7 hrs. Plug well as follows:

Spot a 60 cu ft cement plug from 3218' to 2986' across Entrada and Todilto formations. Displace cement w/ 9 ppg mud. Pull pipe to 2150'. Spot a 170 cu ft cement plug across Morrison and Dakota formation from 2150' to 1800'. Displace cement with 9 ppg mud. Pull pipe to 1080'. Spot an 80 cu ft cement plug across Gallup formation from 1080' to 900'. Displace cement w/ 9 ppg mud. Pull pipe to 30'. Spot an 8.5 cu ft cement plug from 30' to surface. All cement yield 1.18 cu ft, density 15.6 lb/ gal. Release rig. Waiting on dry hole marker, pit and location reclamation. (ARM)