

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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 (Report location clearly and in accordance with any State requirements.)

At surface

1670' FNL and 2290' FWL

At proposed prod. zone

Same

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

13 miles Southwest of Counselor, New Mexico

16. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

1670'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

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

6776' GL

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | 17. NO. OF ACRES ASSIGNED TO THIS WELL |
|--------------|----------------|-----------------|---------------|---|
| 12-1/4" | 8-5/8", J-55 | 24 #/ft. | 100' | 40 |
| 6-3/4" | 4-1/2", J-55 | 10.5 #/ft. | 3288 | |

20. ROTARY OR CABLE TOOLS
rotary

22. APPROX. DATE WORK WILL START*
Before July 31, 1985

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

Propose to drill 12-1/4" hole to 100 ft. Will set 100 ft. of 8-5/8", 24 #/ft, J-55 surface casing with 80 sx Class B 2% CaCl2 (94 cu. ft.). Wait on cement 10 hours. Nipple up BOPs and pressure test to 600 PSI prior to drill out. Drill 6-3/4" hole size from under surface to TD. No unusual problems anticipated. Will run open hole logs. If well appears productive, will run 4-1/2", 10.5 #/ft, J-tt casing to TD and single stage cement with 200 sx Class B 2% D-79 (412 cu. ft.) followed by 100 sx Class H 2% gel (122 cu. ft.). Estimated top of cement - surface.

Will perforate and stimulate the Mesaverde as necessary.

Drilling circulating medium will be low solids, non-dispersed, low water loss mud using bentonite, starch, CMC and fresh water.

Minimum specifications for pressure control is 8", 600 series bag type blow out preventer.

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 [Signature] Operations Manager

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

DATE 7/10/85

APPROVED
AS AMENDED

JUL 24 1985

JUL 23 1985

OIL CON. DIV.
DIST. 3

NMOCC

*See Instructions On Reverse Side

DATE
M. MILLENBACH
AREA MANAGER

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

| | | | | | |
|--|---|------------------------|--------------------------------|---------------------------|---------------------------------------|
| Operator MERRION OIL & GAS CORPORATION | | | Lease Silky Sullivan | | Well No. 1 |
| Unit Letter F | Section 15 | Township 21N | Range 7W | County Sandoval | |
| Actual Footage Location of Well: 1670 feet from the North line and 2290 feet from the West line | | | | | |
| Ground Level Elev: 6776 | Producing Formation Mesaverde | | Pool WC Mesaverde | | Dedicated Acreage: 40 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 _____

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.

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 Corp.

Date
7/10/85

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
William E. Mankie II
Registered Professional Engineer and Land Surveyor
8466
Certificate No. **PROFESSIONAL LAND SURVEYOR**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-R1424

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 Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐
2. NAME OF OPERATOR
Merrion Oil & Gas Corporation
3. ADDRESS OF OPERATOR
P. O. Box 840, Farmington, New Mexico 87499
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1670' FNL and 2290' FWL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF ☐ ☐
FRACTURE TREAT ☐ ☐
SHOOT OR ACIDIZE ☐ ☐
REPAIR WELL ☐ ☐
PULL OR ALTER CASING ☐ ☐
MULTIPLE COMPLETE ☐ ☐
CHANGE ZONES ☐ ☐
ABANDON* ☐ ☐
(other) Change in plans in casing sizes.

| |
|---|
| 5. LEASE NM 25815 |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 7. UNIT AGREEMENT NAME |
| 8. FARM OR LEASE NAME Silky Sullivan |
| 9. WELL NO. 1 |
| 10. FIELD OR WILDCAT NAME WC Mesaverde |
| 11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 15, T21N, R7W |
| 12. COUNTY OR PARISH Sandoval |
| 13. STATE New Mexico |
| 14. API NO. |
| 15. ELEVATIONS (SHOW DF, KDB, AND WD) 6776' KB |

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

(NOTE: Report results of multiple completion or zone change on Form 9-331-30.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Propose to set 8-5/8", J-55, 24 #/ft. surface casing to 120' Cement with 90 sx Class B 2% CaCl2 (106.2 cu. ft.)

Propose to run 5-1/2" 15.5 #/ft. J-55 production casing and cement comes accordingly.

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Operations Manager DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC

RECEIVED
JUL 30 1985
CON DIV. 1