

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(Other instructions on  
reverse side)

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

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

Richmond Petroleum, Inc.

*Merrion O & G*

3. ADDRESS OF OPERATOR

2651 N. Harwood, Dallas, Texas 75201

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

At surface

2,558' PSL & 400' FWL

At proposed prod. zone

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

20 miles north of Gobernador Camp

OIL CON. DIV.  
DIST. 3

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

400'

(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

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

NA

19. PROPOSED DEPTH

PBTD 3100'

20. ROTARY OR CABLE TOOLS

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

6287' GR, 6299' KB

22. APPROX. DATE WORK WILL START

September 1, 1990

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Will plug back and complete the Fruitland as follows:

- Spot a 50' cement plug from 7400' to 7350'.  
1. Spot 25 sx "H" (30 cf) from 7,176' to 6,950' and 25 sx "H" (30 cf) from 6,650' to 6,425' KB to plug off Gallup perms, 6,600' - 7,176' gross interval. Spot a cement plug from 5768' to 5325'.
- Run cased hole neutron log. Perforate. Squeeze holes below Fruitland @ approximately 3,100'.
- Establish circulation out Braden Head and cement across Fruitland w/ 150 sx "H" 2% gel (183 cf) - Adjust cement volume
- If unable to circulate, place cement across Fruitland with circulation squeeze.
- Perforate Fruitland 2,900' - 3,015' gross interval.
- Stimulate if necessary.
- Produce to evaluate.

(Wellbore schematic attached.)

\* It is required that the Oso Alamo be cemented, with the cement top being at 2200' (Top of Oso Alamo 2250')

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

*Steven S. Dunn*

TITLE

Engineer

DATE

8/27/90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

SEP 10 1990

*Ken Townsend*

AREA MANAGER

Pat Hegarty

cc: Well File

BLM, Fmg - 6

Jim Adams

Dana Delyenthal

\*See Instructions On Reverse Side

APPROVED  
AS AMENDED

WILL A. MANAGER

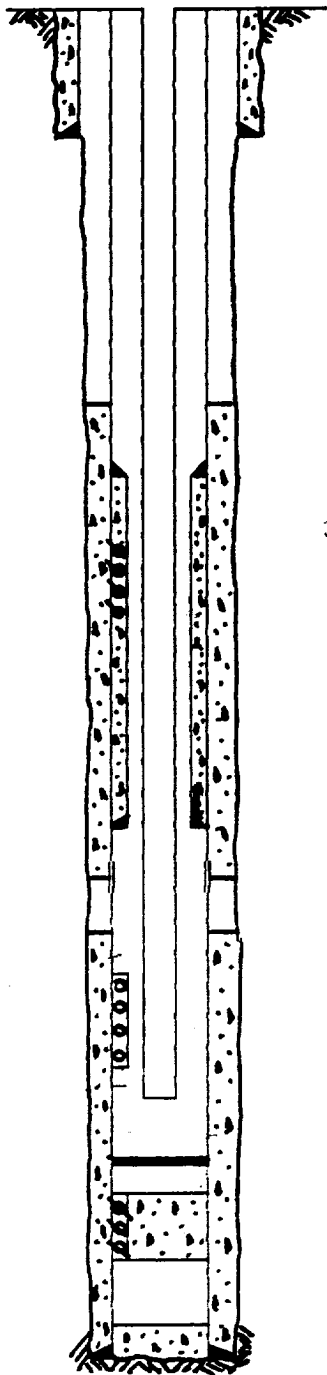
\* MERRION OIL & GAS \*

WELLBORE SCHEMATIC

Well: Gibbons No 1  
Field: Rosa Gallup

Location: 2558' FSL & 400' FWL  
Sec. 20, T32N, R5W  
Rio Arriba Co, New Mexico

Elevation: 6,197' KB  
6,187' GL



TOC @ Surface  
Bit Size - 12 1/4"

8 5/8" 24# Surface @ 1,016' KB w/ 500sx

Hole size- 7 7/8"

TOC @ 4,855' (Est.)

Tops	Depth
Fruitland	2,710
Pic. Cliffs	3,016
Cliffhouse	5,375
Pt Lookout	5,570
Mancos	5,790
Gallup	6,450
Dakota	7,800

4 1/2" Flush jt Liner @ 5,404' w/ 70sx

Mesaverde Perfs - 5,428'-56', 5,470'-90'  
5,572-94', 5,646-54', 5,702-18'  
(Plugged off behind Liner)

Well Equip:

Liner Bottom @ 5,734'

2" EUE Tbg ≈ 7,155'

Stage Tool @ 5,765' KB w/ 150 sx

TOC @ 6,470' (Bond Log)

Gallup Perfs @ 6,600-16' 4 holes  
7,080-122' 16 holes  
7,138-76' 19 holes

Bridge Plug @ 7,400'

Dakota Perfs @ 7,806-12'  
7,854-82' } Sqzd w/ 15 sx  
7,890-96' }

5 1/2" 17# N-80 Casing @ 7,956' KB w/ 250sx 4%gel  
TD @ 7,956' KB (Original PBD @ 7,923')

10/17/1988  
File: GIB.sch

Capacities: 2" Tbg - 0.00387 Bbl/Ft  
5 1/2" 17#Csg- 0.0232 Bbl/Ft  
Annulus - 0.0178 Bbl/Ft

## Distribution:

0+3 (BLM)  
1 (Well File)  
1 (Land)

Form 1001-1  
(June 1991)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

MERRION OIL &amp; GAS CORPORATION

## 3. Address and Telephone No.

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

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2558' FSL & 400' FWL  
Section 20, T32N, R5W

## FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

## 5. Lease Designation and Serial No.

NM-0558223

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA, Agreement Designation

## 8. Well Name and No.

Gibbons 1

## 9. API Well No.

## 10. Field and Pool, or Exploratory Area

Undesignated Gallup

## 11. County or Parish, State

Rio Arriba  
New Mexico

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☒ Notice of☐ Subsequent Report☐ Final Abandonment

## TYPE OF ACTION

☐ Abandonment☒ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☒ Other☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 13. 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.)

1/92 MERRION OIL & GAS CORPORATION is now the Operator of this well.

We plan to either recomplate the well in the Fruitland formation as previously submitted by Richmond Petroleum on 8/27/90 or plug and abandon this well.

*There was never a Change*

DEC 31 1992

ACCEPTED FOR RECORD

## 14. I hereby certify that the foregoing is true and correct

Signed

Title Operations Manager

Date 1/13/92

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

FARMINGTON RESOURCE AREA

BY

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

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\*See instruction on Reverse Side