

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM 58735

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Galestina Canyon

9. WELL NO.

1

10. FIELD AND POOL OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 27, T8N, R18W

12. COUNTY OR PARISH 13. STATE

Cibola

New Mexico

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐  
2. NAME OF OPERATOR  
Merrion Oil & Gas Corp.  
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.\*  
See also space 17 below.)  
At surface  
330' FSL and 2264' FWL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7,194' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

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

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 4-1/2" 10.5 lb/ft J-55 casing @ 2,700' KB with 100 sx Class 'B' 2% D-79 (2.06 cu.ft/sx) 206 cu.ft. slurry, followed by 150 sx Class 'G' 2% gel (1.22 cu.ft/sx) 183 cu.ft slurry (total 389 cu.ft.) Top of cement estimated at surface.

RECEIVED  
JUL 03 1988  
OIL CON. DIV.  
DIST. 3

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

SIGNED

TITLE

Operations Manager

DATE

7/1/88

(This space for Federal or State office use)

for

AREA MANAGER

APPROVED BY

(ORIG. SGD.)

JOHN M. ANDREWS, JR.

TITLE

RIO PUERCO RESOURCE AREA

DATE

JUL 06 1988

CONDITIONS OF APPROVAL, IF ANY:

CEMENT TO SURFACE.

\*See Instructions on Reverse Side

NMOCD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

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" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐  
2. NAME OF OPERATOR **Merriam Oil & Gas Corp.**  
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.  
See also space 17 below.)  
At surface

08 MAY 20 PM 1:19

FARMINGTON RESOURCE AREA  
FARMINGTON, NEW MEXICO

330' FSL and 2264' FWL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7,194' GR

5. LEASE DESIGNATION AND SERIAL NO.  
**NM-58735**  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
**Galestina Canyon**  
9. WELL NO.  
**1**  
10. FIELD AND POOL OR WILDCAT  
**Wildcat**  
11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA  
**Sec. 27, T8N, R18W**  
12. COUNTY OR PARISH  
**Cibola**  
13. STATE  
**New Mexico**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐  
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐  
SHOOT OR ACIDIZE ☐ ABANDON\* ☐  
REPAIR WELL ☐ CHANGE PLANS ☒  
(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐  
FRACTURE TREATMENT ☐ ALTERING CASING ☐  
SHOOTING OR ACIDIZING ☐ ABANDONMENT\* ☐  
(Other) ☐

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

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.) \*

Request approval for a change of plans as follows:

Propose to drill a 12-1/4" hole to 40' KB. Set one joint 9-5/8" 36 lb/ft J-55 conductor pipe with 15 sacks (18 cu.ft.) Class 'B' neat, 2% CaCl<sub>2</sub>. Drill 8-3/4" hole to approximately 1850' KB. Set 7" 20 lb or 23 lb/ft J-55 casing @ 1850' KB with 200 sx (328 cu.ft.). Estimated top of cement at surface. Wait on cement 10 hours. Pressure test casing to 1200 PSI. Drill 6-1/4" hole to TD @ 2700' KB. If deemed advisable, will run a drill stem test. Run open hole logs. If well appears productive, will set 4-1/2" J-55 10.5 lb/ft liner from 1650' to TD @ 2700' KB w/ 100 sx (122 cu.ft.). TOC @ liner top. Will perforate and stimulate as necessary to test well. Additional drilling program details attached. No other changes are requested at this time.

RECEIVED  
JUN 03 1988  
OIL CON. DIV.  
DIST. 3

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

SIGNED

TITLE

Operations Manager

DATE 5/18/88

(This space for Federal or State office use)

for AREA MANAGER

APPROVED BY (ORIG. SGD.) JOHN M. ANDREWS, JR. TITLE

RIO PUERCO RESOURCE AREA

DATE JUN 01 1988

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

NMOCD

MERRION OIL & GAS CORPORATION

DRILLING TECHNICAL PROGRAM

ATTACHMENT TO FORM 3160-3

Galestina Canyon No. 1  
330' FSL and 2264' FWL  
Sec. 27, T8N, R18W  
Cibola County, New Mexico

1. ESTIMATED FORMATION TOPS

FORMATION	DEPTH
Top Mancos	Surface
Top Dakota	50 ft.
Top Morrison	300 ft.
Top Shinarump	860 ft.
Top San Andres	1,860 ft.
Top Glorietta	1,985 ft.
Top Yeso	2,170 ft.
Top Abo	2,590 ft.
Total Depth	2,700 ft.

2. WELL CONTROL SYSTEM

- A. Proposed blowout preventer system is 8" Regan - 3000 psi bladder type BOPs with choke manifold.
- B. Minimum required working pressure rating for BOP stack is 2000 psi.
- C. BOP pressure testing will be conducted at time of installation and prior to drillout of surface casing shoe. The BOP will be activated at minimum on each trip for a bit and recorded in driller's log.

3. DRILLING MUD PROGRAM

- A. Surface hole will be drilled with low solids, non-dispersed mud using fresh water, gel, and other products to control PH, viscosity, weight, and water loss characteristics as necessary. Cottonseed hulls and cedar fiber will be stocked on location for use in restoring lost circulation.
- B. 6-1/4" hole will be drilled with low solids, non-dispersed mud using fresh water, gel, and other products to control PH, viscosity, weight, and water loss characteristics as necessary. Cottonseed hulls and cedar fiber will be stocked on location for use in restoring lost circulation.
- C. Mud trip monitoring will be done visually.

4. HAZARDS

- A. No abnormal pressure is anticipated. However, BOPs will be used under conductor casing to total depth.
- B. Possible hole instability may be encountered from 860' to 1850' with sloughing shales the primary problem. Lost circulation is expected at 1800 ft., based on offset well. Should be minor to moderate in nature.
- C. No H<sub>2</sub>S is expected to be encountered. However, should H<sub>2</sub>S be found during drilling, detection and warning equipment will be installed.
- D. Hole deviation is not expected to be a problem. Single shot surveys giving hole inclination will be run a minimum of every 500 feet.

\* MERRION OIL & GAS \*

WELLBORE SCHEMATIC

Well: Galestina Canyon No 1

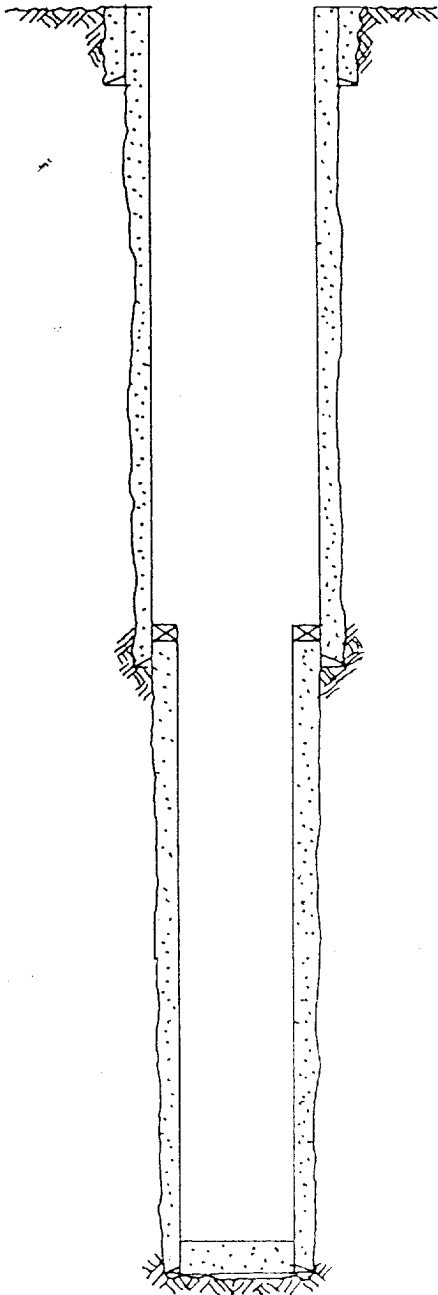
Field: Wildcat

Location: 330' FSL & 2264' FWL

Sec. 27, T8N, R18W

Cibola, New Mexico

Elevation: 7,200' KB  
7,194' GL



TOC @ Surface

Bit Size - 12 1/4"

9 5/8" 36# Conductor @ 40' KB w/ 15 sx

Bit Size - 8 3/4"

7" 20# Surface Casing @ 1850' KB w/200sx

Bit Size - 6 1/4"

4 1/2" 10.5# Liner @ 2770' KB w/ 100 sx  
TD @ 2770' KB

5/13/1988

File: SCHEM.cal