

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-20053

5. LEASE DESIGNATION AND SERIAL NO.

NM 37913

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Dugatomi

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Gallegos Gallup Ext.

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

Sec. 28, T27N, R13W

12. COUNTY OR PARISH 13. STATE

San Juan

New Mexico

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 1017, Farmington, New Mexico 87499

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

At surface

990' FNL and 790' FEL

At proposed prod. zone

Same

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

16 miles South of Farmington, New Mexico

15. DISTANCE FROM PROPOSED*

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

790'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

F-80

18. DISTANCE FROM PROPOSED LOCATION*

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

990'

19. PROPOSED DEPTH

5340

20. ROTARY OR CABLE TOOLS

Rotary

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

6076' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

23. PROPOSED GENERAL CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START
Summer, 1984
This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8"	24 #/ft. J-55	200 ft.	175 sx 412 cu. ft.
7-7/8"	4-1/2"	10.5 #/ft. J-55	5340 ft.	975 sx

Will drill 12-1/4" surface hole to 200 ft. and set 200 ft. of 8-5/8" 24 #/ft. J-55 grade casing with 175 sx Class B cement with 3% CaCl₂. Will drill 7-7/8" hole to 5330 ft. Will run open hole logs. No other testing planned. If well appears productive, will run 5340 ft. of 4-1/2", 10.5 #/ft J-55 grade casing and stage cement. First stage will cement with 225 sx Class H 2% gel (1.22 cu. ft/sk. yield) 275 cu. ft. cement to cover Gallup interval from TD. Estimated top of cement is 4500 ft. Will set stage collar at 4300 ft., below Point Lookout formation. Second Stage will cement with 700 sx Class B 2% D-79 (2.06 cu. ft/sk. yield) 1442 cu. ft. cement. Followed by 100 sx Class H 2% gel (1.22 cu. ft/sk. yield) 122 cu. ft. cement to cover Mesaverde, Chacra, Pictured Cliffs, Fruitland and Ojo Alamo. Estimated top of cement is surface.

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 10", 900 series double ram blow out preventer. Will perforate and stimulate as required for completion.

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

TITLE Operations Manager

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

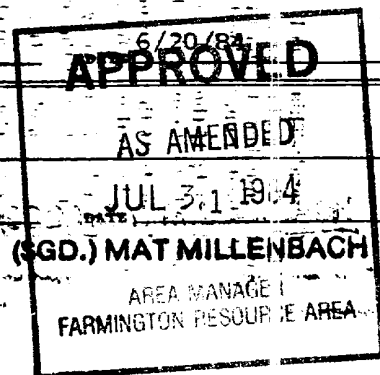
TITLE

CONDITIONS OF APPROVAL, IF ANY

AUG 02 1984

OIL COMPANY
DIST.

NMOCC



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

Operator MERRION OIL & GAS CORPORATION			Lease Dugatomi		Well No. 1
Unit Letter A	Section 28	Township 27N	Range 13W	County San Juan	
Actual Footage Location of Well: 990 feet from the North line and 790 feet from the East line					
Ground Level Elev. 6076	Producing Formation Gallup		Pool Gallegos Gallup Ext.		Dedicated Acreage 80 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.

<p>RECEIVED JUN 29 1984 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA</p>		<p>990'</p> <p>790'</p>
Sec.	NM 37913	
	28	
<p>RECEIVED AUG 02 1984 OIL CON. DIV. DIST. 3</p>		

Scale: 1"=1000'

<p>CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Steve S. Dunn</i></p>	
Name	Steve S. Dunn
Position	Operations Manager
Company	Merrion Oil & Gas Corporation
Date	6/14/84
<p>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.</p>	
Date Surveyed	June 6, 1984
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr</i> Fred B. Kerr

