

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-25377

5. LEASE DESIGNATION AND SERIAL NO.

SF 078475

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Stevenson Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Basin D. L. 19

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

Section 7, T25N, R8W

12. COUNTY OR PARISH

San Juan

13. STATE

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 &amp; Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1017, Farmington, New Mexico 87401

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

At surface 1810' FSL &amp; 1810' FEL

At proposed prod. zone Same

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

22 miles Southeast of Bloomfield

15. DISTANCE FROM PROPOSED\*

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

830'

16. NO. OF ACRES IN LEASE

1120

17. NO. OF ACRES ASSIGNED

TO THIS WELL

5317.21 320

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

6,250'

19. PROPOSED DEPTH

6560'

20. ROTARY OR CABLE TOOLS

Rotary

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

6389' G.L.

22. APPROX. DATE WORK WILL START\*

June, 1982

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	20 #/ft	200'	175 sx
7-7/8"	4-1/2"	10.5 #/ft.	6560'	785 sx.

Propose to drill 12-1/4" hole to 200'. Will set 200' 8-5/8" 20 #/ft surface casing w/175 sx 'B' 2% CACL<sub>2</sub>. Will drill 7-7/8" hole to 6,560 ft. Will run open hole logs. If appears productive will run new 4-1/2" 10.5 #/ft casing to TD and cement. 1st stage to cover Gallup and Dakota w/450 sx Class 'H' 2% gel. Will cement second stage to cover Mesaverde w/165 sx Class 'B' 2% D-79 followed by 50 sx 'H' 2% gel. Will cement third stage w/70 sx Class 'B' 2% D-79 followed by 50 sx Class 'H' 2% gel to cover Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo. Will perforate and frac as required. 10" 900 series double ram blowout preventers will be used on all drilling. 6" 900 series double ram blowout preventers will be used on completion.

## ESTIMATED TOPS

Ojo Alamo	1160	Mesaverde	3450
Kirtland	1280	Mancos Shale	4560
Fruitland	1610	Gallup	5360
Pictured Cliffs	1880	Greenhorn	6225
Lewis Shale	2075	Graneros Sand	6310

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

DATE 3/12/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

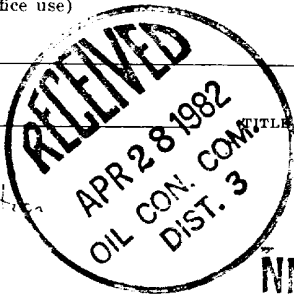
CONDITIONS OF APPROVAL, IF ANY:

Hold C104 for

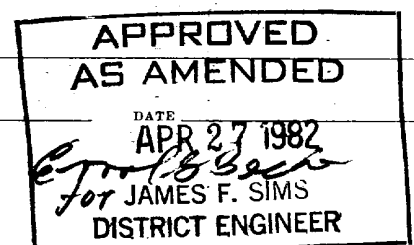
communication

Gas not identified

sh2



NMOC



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

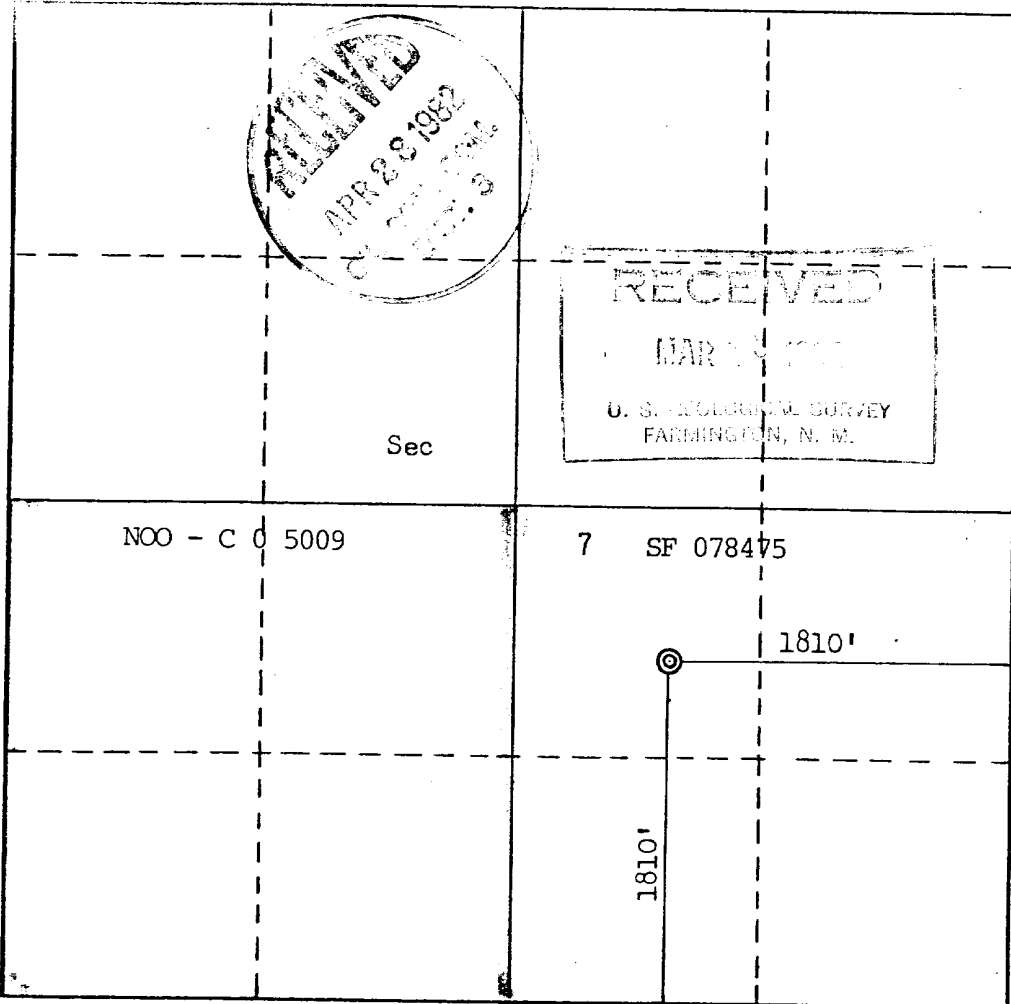
Operator <b>Merrion Oil &amp; Gas Corp.</b>			Lease <b>Stephenson</b> <b>Stevenson Com</b>		Well No. <b>1</b>
Unit Letter <b>J</b>	Section <b>7</b>	Township <b>25N</b>	Range <b>8W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1810'</b> feet from the <b>South</b> line and <b>1810'</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6389</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin</b>	Dedicated Acreage: <b>537.21 320</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 will be communitized

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 Corporation**

Date  
**3/12/82**

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

**March 3**

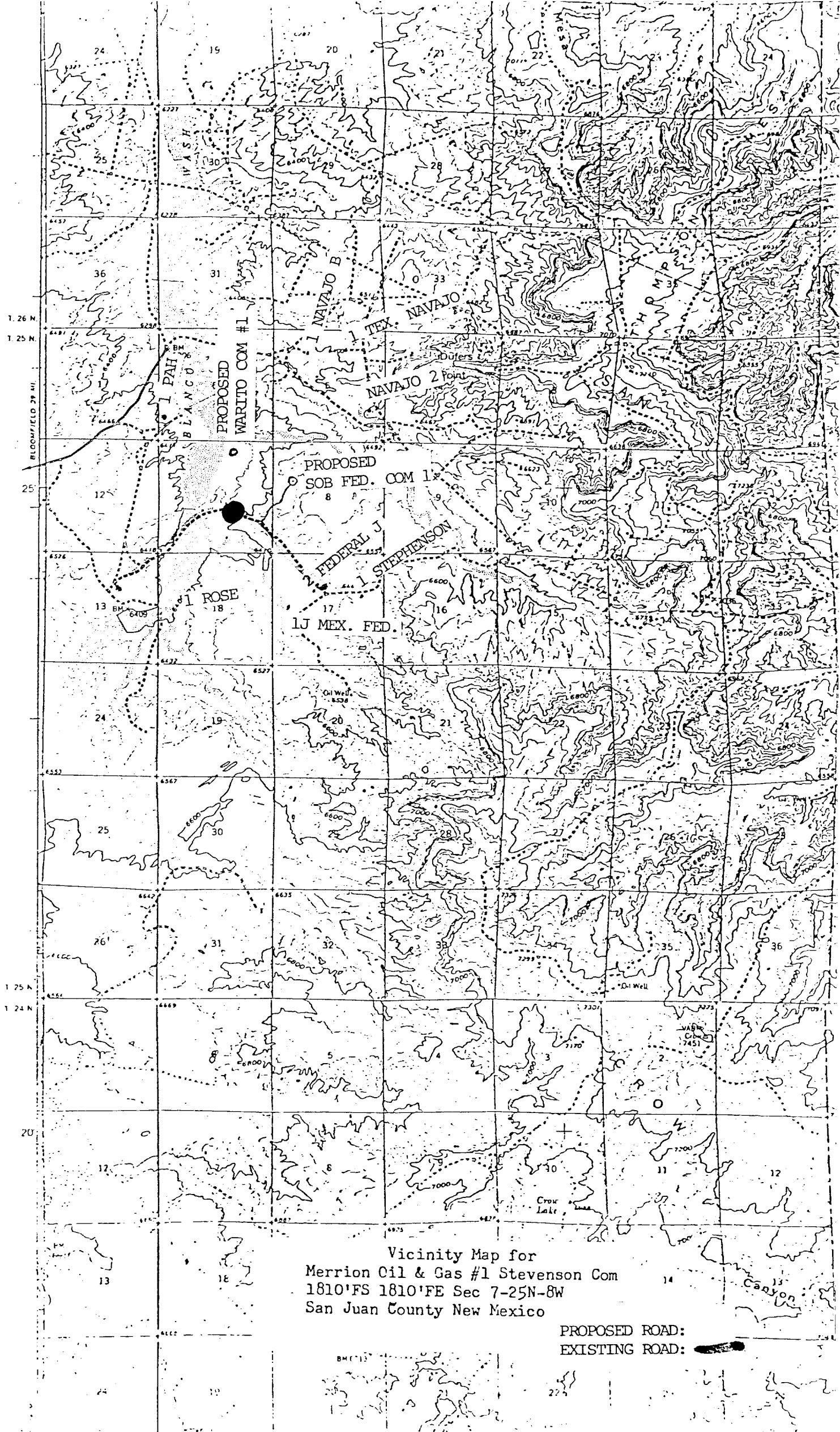
Registered Professional Engineer and/or Land Surveyor

**Fred B. Kerr Jr.**

Certificate No.

**3950**

**B. KERR, JR.**



Vicinity Map for  
Merrion Oil & Gas #1 Stevenson Com  
1810'FS 1810'FE Sec 7-25N-8W  
San Juan County New Mexico

PROPOSED ROAD:  
EXISTING ROAD:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 well ☐ gas well ☒ other ☐

2. NAME OF OPERATOR  
Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 1017, Farmington, New Mexico 87499

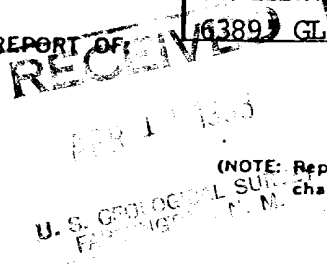
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1810' FSL and 1810' FEL  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

REQUEST FOR APPROVAL TO:  
TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) Change of well name ☐

SUBSEQUENT REPORT OF:

☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐



5. LEASE  
SF 078475

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Stephenson

9. WELL NO.  
2

10. FIELD OR WILDCAT NAME  
Dufers Point Gallup Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 7, T25N, R8W

12. COUNTY OR PARISH  
San Juan

13. STATE  
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
16389 GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

Please change the name from Stevenson Com No. 1 to the Stephenson No. 2.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED [Signature] TITLE Operations Manager DATE 4/13/83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL IF ANY:

FILED FOR RECORD

APR 15 1983

\*See Instructions on Reverse Side

[Signature]

NMOCC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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 well <input checked="" type="checkbox"/> gas well <input type="checkbox"/> other <input type="checkbox"/>
2. NAME OF OPERATOR <u>Merrion Oil &amp; Gas Corporation</u>
3. ADDRESS OF OPERATOR <u>P. O. Box 1017, Farmington, New Mexico 87499</u>
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: <u>1810' FSL and 1810' FEL</u> AT TOP PROD. INTERVAL: <u>Same</u> AT TOTAL DEPTH: <u>Same</u>
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>

(other) Change of field and request for extension of APD

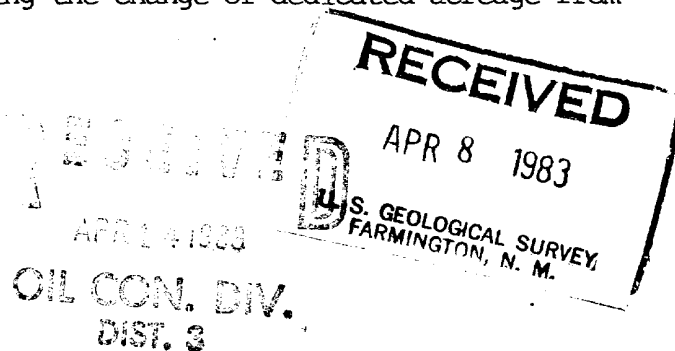
5. LEASE <u>SF 078475</u>
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME <u>Stevenson Farm Stephenson</u>
9. WELL NO. <u>1</u>
10. FIELD OR WILDCAT NAME <u>Dufers Point Gallup Dakota</u>
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 7, T25N, R8W</u>
12. COUNTY OR PARISH <u>San Juan</u>
13. STATE <u>New Mexico</u>
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) <u>6389' GL</u>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

The field for this well is changed from Basin Dakota to Dufers Point Gallup Dakota. A plat is attached indicating the change of dedicated acreage from 320 acres to 40.

Please extend the APD for this well.



Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED John Salas TITLE Operations Manager DATE 4/5/83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE APPROVED  
CONDITIONS OF APPROVAL, IF ANY: AS AMENDED

\*See Instructions on Reverse Side

NMOCC

APR 12 1983  
JAMES F. SIMS  
DISTRICT ENGINEER

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

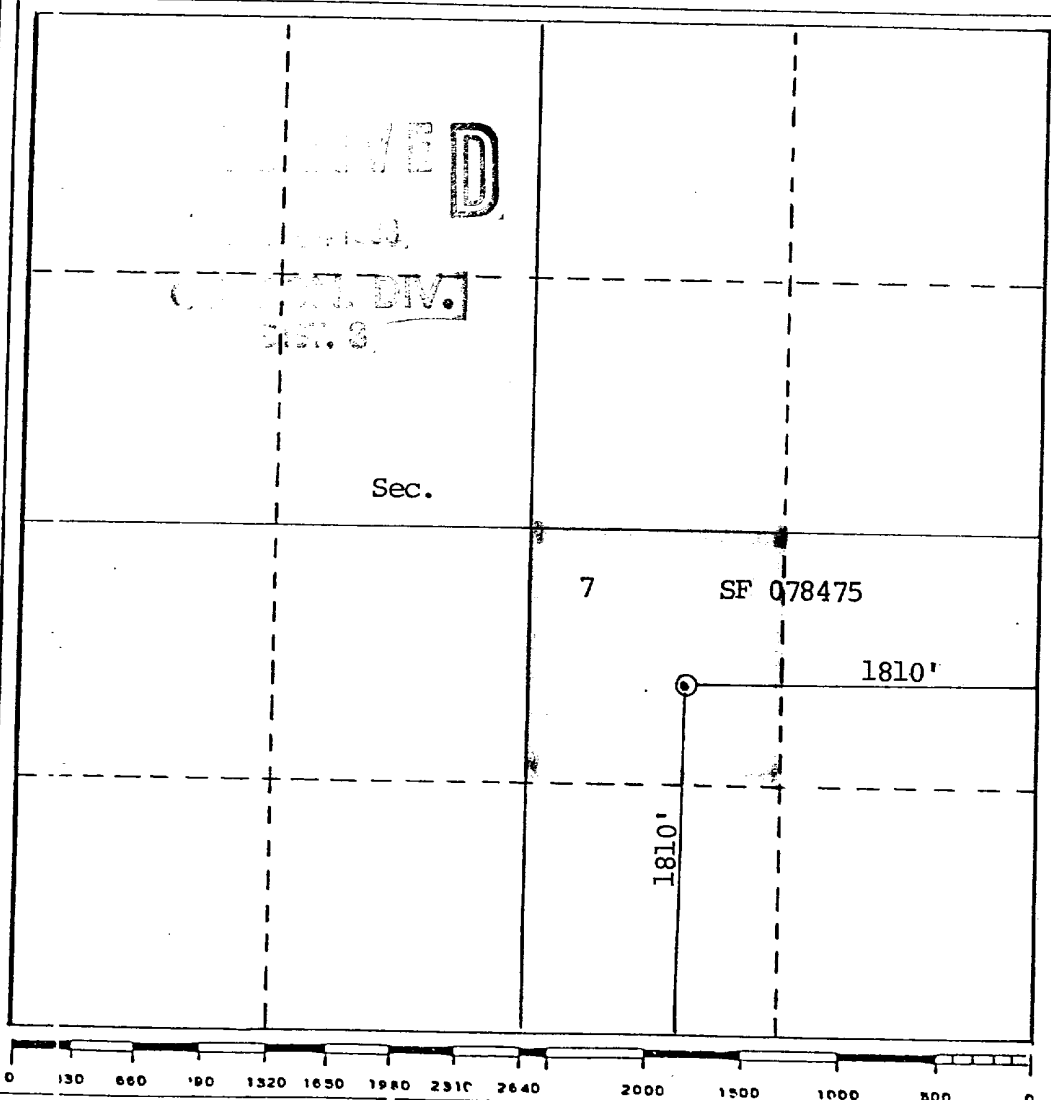
Operator Merrion Oil & Gas Corp.		Lease <i>Stephenson</i> Stevenson Com		Well No. 1	
Unit Letter J	Section 7	Township 25N	Range 8W	County San Juan	
Actual Footage Location of Well: 1810' feet from the South line and 1810 feet from the East line					
Ground Level Elev. 5389	Producing Formation Dakota		Pool Dufers Point Gallup Dakota		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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).
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☒ Yes ☐ No If answer is "yes," type of consolidation will be communitized

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.

*Steve S. Dunn*  
Name  
Steve S. Dunn  
Position  
Operations Manager  
Company  
Merrion Oil & Gas Corporation  
Date  
4/6/83

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  
March 3, 1983  
Registered Professional Engineer  
and/or Land Surveyor  
*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.  
Certificate No.  
3950  
B. KERR, JR.

F

30-045-25377

4-28-82

Loc. 1810/S;1810/E Elev. 6389 GL Spd. \_\_\_\_\_ Comp. \_\_\_\_\_ TD \_\_\_\_\_ PB \_\_\_\_\_

Casing S. \_\_\_\_\_ @ \_\_\_\_\_ W \_\_\_\_\_ Sx. Int. \_\_\_\_\_ @ \_\_\_\_\_ W \_\_\_\_\_ Sx. Pr. \_\_\_\_\_ @ \_\_\_\_\_ W \_\_\_\_\_ Sx. T. \_\_\_\_\_ @ \_\_\_\_\_  
 Csg. Perf. \_\_\_\_\_ Prod. Stim. \_\_\_\_\_

T  
R  
A  
N  
S

I.P. \_\_\_\_\_ BO/D \_\_\_\_\_ MCF/D After \_\_\_\_\_ Hrs. \_\_\_\_\_ SICP \_\_\_\_\_ PSI After \_\_\_\_\_ Days GOR \_\_\_\_\_ Grav. \_\_\_\_\_ 1st Del. \_\_\_\_\_ s

TOPS	NITD X	Well Log	TEST DATA						
Kirtland	C-103 ✓✓	Plat X ✓	Schd.	PC	Q	PW	PD	D	Ref.No.
Fruitland	C-104	Electric Log							
Pied red Cliffs		C-122							
Cliff House	Ditr	Dfa							
Merelee	Dair	Dac							
Point Lookout	<div style="text-align: center;"> <p>40</p> <p>Stephenson Com #1</p> <p>S/317.21</p> </div>								
Marcos									
Gallop									
Sanstee									
Greenhorn									
Dakota									
Morrison									
Entrada									

Gal Dak  
 Dufers Pt Co. SJ S 7 T 25N R8W UJ Oper. Merrion O & G Corp Lse. Stephenson No. 2

Stephenson #2

J-7-25N-8W

MERRION O &amp; G CORP.

CALLER SERVICE 4104  
FARMINGTON, NEW MEXICO 87499

NOV 01 1983

CERTIFIED

Merrion Oil and Gas Corporation  
P.O. Box 1017  
Farmington, New Mexico 87499

RECEIVED

NOV 2 - 1983

OIL CON. DIV.  
DIST. 3

Gentlemen:

Reference is made to your Applications for Permit (APDs) for the following wells:

- 1) 307 Canyon Largo Unit, NE $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 11, T. 24 N., R. 6 W., Rio Arriba County, New Mexico, lease Santa Fe 078877.
- 2) 308 Canyon Largo Unit, SW $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 5, T. 24 N., R. 6 W., Rio Arriba County, New Mexico, lease Santa Fe 078874.
- 3) 309 Canyon Largo Unit, SW $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 4, T. 24 N., R. 6 W., Rio Arriba County, New Mexico, lease Santa Fe 078874.
- 4) 2 Stephenson, NW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 7, T. 25 N., R. 8 W., San Juan County, New Mexico, lease Santa Fe 078475.
- 5) 1 SOB Federal, SW $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 8, T. 25 N., R. 8 W., San Juan County, New Mexico, lease NM-47169.

As discussed with Ann Miller of your company on October 20 and 27, 1983, the subject APD's are rescinded and returned due to drilling operations not being commenced within a six month extension period following the original approval date.

You are required to request surface rehabilitation instructions from this office if construction activities occurred on the reference drill sites. If this office does not receive comment within 15 days, it will presume that no construction occurred and proceed accordingly. Later discovery that construction activities have in fact occurred, will result in assessment of liquidated damages.

Sincerely yours,

Area Manager

cc: NMOC/D