

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  
J. Gregory Merriam & Robert L. Bayless

3. ADDRESS OF OPERATOR  
P.O. Box 1541, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 790 FSL and 1650 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) Amend 9-331C dated 09-18-79

5. LEASE

SF073309

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Blackrock

9. WELL NO.

D-1E

10. FIELD OR WILDCAT NAME

Basin Dakota

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

Sec. 20, T26N, R11W

12. COUNTY OR PARISH 13. STATE

San Juan

N.M.

14. API NO.

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

6155 ft. 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 amend previously reported location of 935 FSL & 1830 FWL to that location stated above.

Subsurface Safety Valve: Manu. and Type

Set @ \_\_\_\_\_ Ft.

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

SIGNED

TITLE

Co-Owner

DATE

September 19, 1979

(This space for Federal or State office use)

APPROVED BY

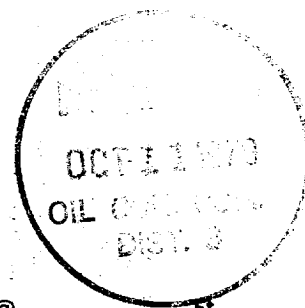
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*mmoc*

\*See Instructions on Reverse Side



*Ok*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY(Other instructions on  
reverse side)

## 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

J. Gregory Merrion and Robert L. Bayless

## 3. ADDRESS OF OPERATOR

P.O. Box 1541, Farmington, NM 87401

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

At surface

935 FSL and 1830 FWL

At proposed prod. zone

same

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

Apprx. 16 miles south of Bloomfield

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

935 ft.

## 16. NO. OF ACRES IN LEASE

320

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

2720 ft.

## 19. PROPOSED DEPTH

6100 ft.

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6155 ft. GL

## 22. APPROX. DATE WORK WILL START\*

When Rotary Rig Available

## 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"	24 lb.	150 ft.	100 sacks
7-7/8"	4-1/2"	10.5 lb.	6100 ft.	400 sacks

Will drill 12-1/4" hole to 150 ft. and set 150 ft. of 8-5/8", 24 lb. casing with 100 sacks cement. Will drill 7-7/8" hole to 6100 ft. and run open hole logs. If appears productive will run 6100 ft. of 4-1/2", 10.5 lb. casing and cement with 400 sacks. Will set stage collar at approximately 4100 ft. and bring cement up across Pictured Cliffs formation. Will perforate and stimulate as required. Minimum specifications for pressure control equipment which is to be used - 10", 900 series double ram blowout preventer. The gas from this formation is dedicated.

## ESTIMATED TOPS

FORMATION	DEPTH	CONTENT
Ojo Alamo	Surface	
Pictured Cliffs	1360'	
Mesa Verde	2230'	
Gallup	4910'	
Greenhorn	5792'	
Dakota	5911'	Natural Gas

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

Co-Owner

DATE

September 18, 1971

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

# SURFACE WELL CONTROL EQUIPMENT

MERRION & BAYLESS  
Blackrock D-1E  
Section 20, T26N, R11W  
San Juan County, New Mexico

MERRION~BAYLESS

DRAWN BY

REVISED

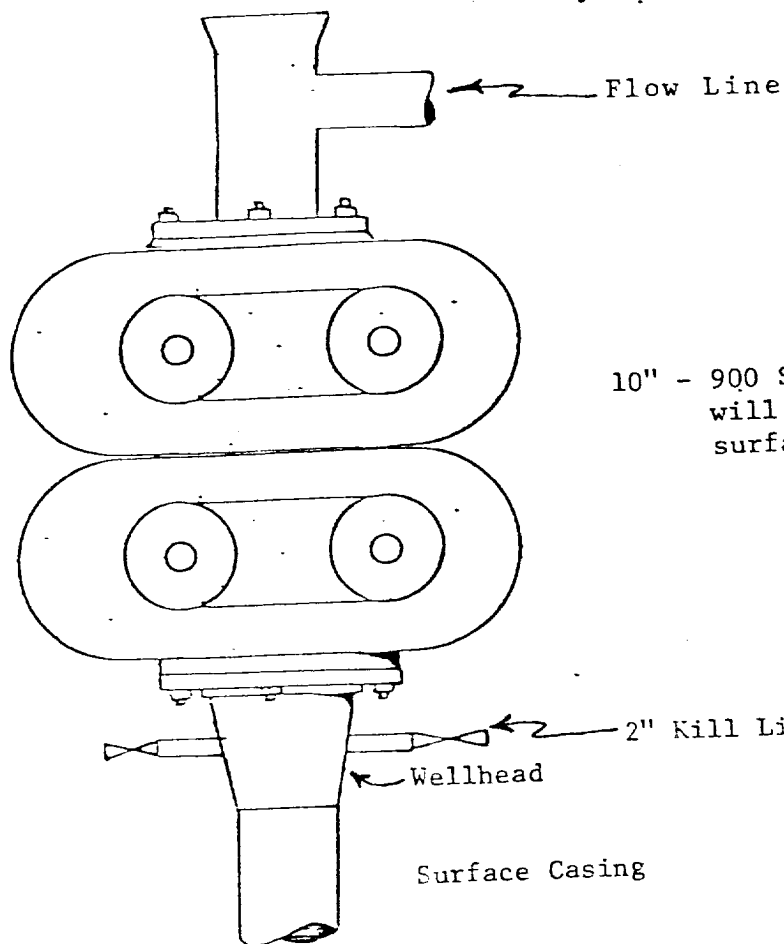
APPROVED BY:

SCALE:

DATE:

SCHEMATIC

DRAWING NUMBER



10" - 900 Series Hydraulic Double Ram BOP which  
will be tested to 500 PSIG after setting of  
surface casing

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.

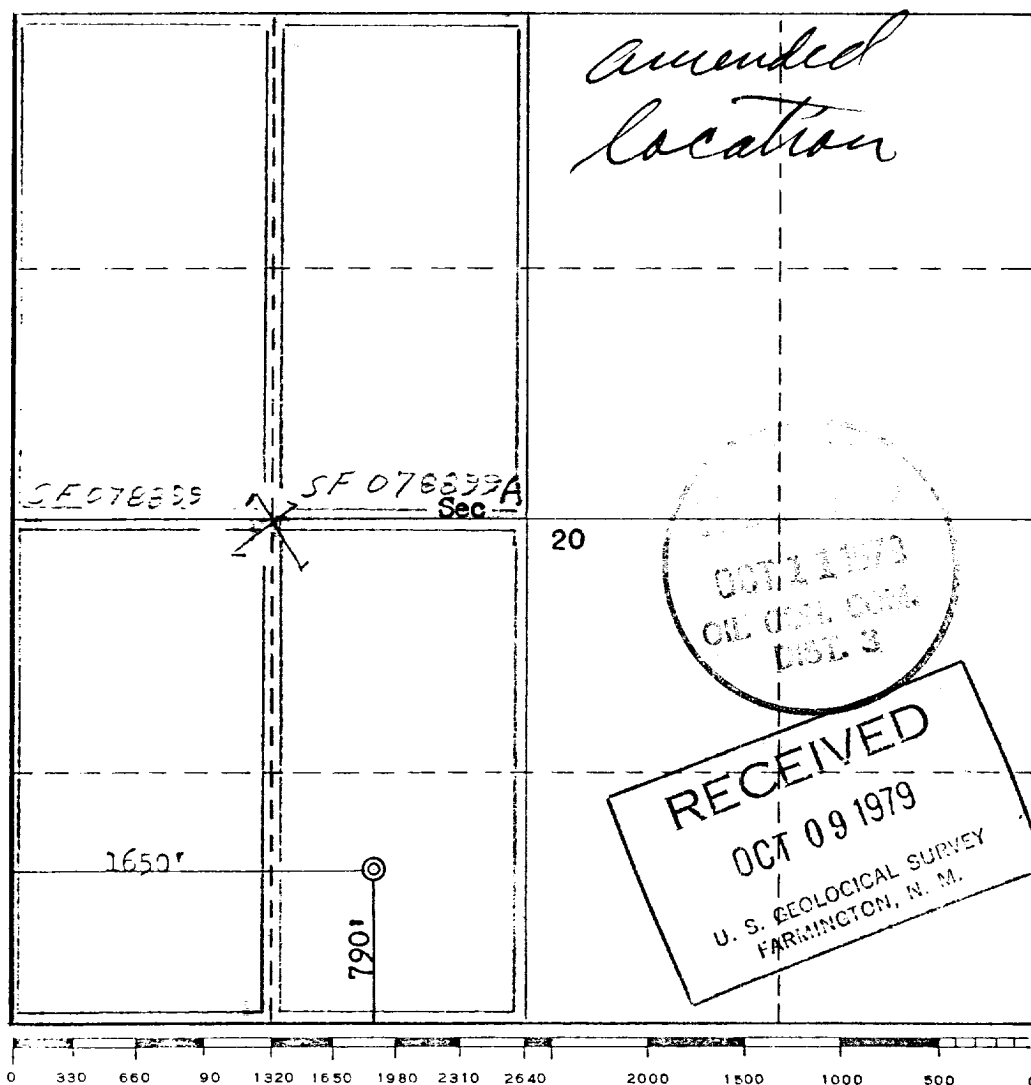
Operator <b>Merrion &amp; Bayless</b>			Lease <b>Blackrock</b>		Well No. <b>D-1E</b>
Unit Letter <b>N</b>	Section <b>20</b>	Township <b>26N</b>	Range <b>11W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>790</b> feet from the <b>South</b> line and <b>1650</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6142</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin-Dakota</b>		Dedicated Acreage: <b>320</b> 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 Communitization

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  
Position  
Company  
J. Gregory Merrion & Robert L. Bayless  
Date  
October 10, 1973

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  
September 10, 1973  
Registered Professional Engineer and/or Land Surveyor  
Fred B. Kerr Jr.  
Certificate No.  
3950

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 ☐ gas ☒ other ☐

2. NAME OF OPERATOR

J. Gregory Merriam &amp; Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 507, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 790' FSL &amp; 1650' 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:

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

SUBSEQUENT REPORT OF:

☐☐☐☐☐☐☐☒

RECEIVED

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

NOV 19 1979

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

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.)\*

10-27-79 With drillers TD 6130. Ran 195 jts (6109.44) 4-1/2", 10.5#, K-55, ST&C 8 rd, seamless, new casing equipped with guide shore, float collar, 2 stage collars, 7 centralizers and 10 scratchers. Set casing 1' off bottom at 6121' KB per casing tally. Float collar 6090, stage collars 4072 and 1510, scratchers 5980-5900. Cemented 1st stage with 320 sx (438 cu.ft.) 50-50 class H & pozmix with 2% gel. Cemented 2nd stage with 800 cu.ft. consisting of 310 sx class H with 2% D-79 extender, 1% CACL followed by 50 sx neat class H. Cemented 3rd stage with 740 cu.ft. consisting of 285 sx class H, 2% D-79 1% CACL followed by 50 sx class H neat. Waited 3 hrs. between stages. Circulated well throughout job. Top plug down 12 noon 10-28-79.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED

TITLE

Co-Owner

DATE

November 15, 1979

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

\*See Instructions on Reverse Side