

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 & Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 507, Farmington, NM 87401

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

At surface 990 FSL & 1850 FEL

At proposed prod. zone
same

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

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

7375' GL

16. NO. OF ACRES IN LEASE

1920

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160

19. PROPOSED DEPTH

3150'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

August 15, 1980

23.

PROPOSED CASING AND CEMENTING

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7"	23	90	50 sacks
5-1/4"	3-1/2"	9.3	3150	150 sacks

Will drill 8-3/4" hole to 90' and set 90' of 7", 23#, J-55 used casing with 50 sacks Class H cement. Will drill 5-1/4" hole to 3150' and run 3150' of 3-1/2", EUE, K-55 used casing and cement with 150 sacks Class H cement with 2% D-79, circulated to surface. Circulating medium will be clear water, natural mud and water-loss control additives. No abnormal pressures or temperatures are anticipated. Will run Induction and Density logs. Blowout preventer schematic is attached. The gas from this formation is not dedicated.

ESTIMATED TOPS

Surface Formation:

2800':

2870':

3100':

DRILLING OPERATIONS AUTHORIZED ARE:

SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

Kartland

Fruitland

Pictured Cliffs - natural gas, salt water

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

Operator

DATE

July 23, 1980

(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

NMOC

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

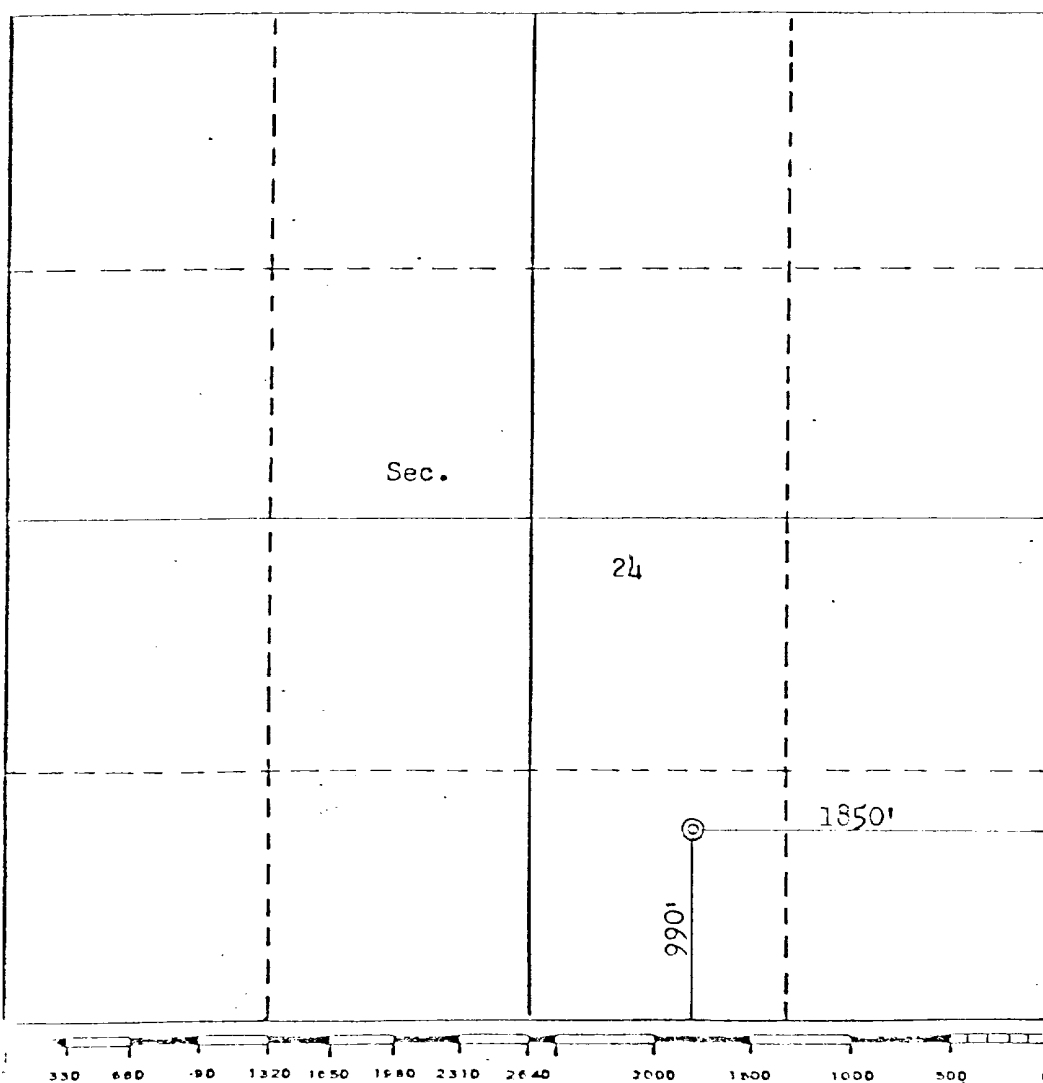
Operator Merrion & Bayless			Lease BADLANDS FLATS		Well No. 2
Unit Letter 0	Section 24	Township 23N	Range 2W	County Sandoval	
Actual Footage Location of Well:					
990	feet from the	South	line and	1850	feet from the East line
Ground Level Elev. 7375	Producing Formation Pictured Cliffs		Pool South Blanco	Dedicated Acreage 160 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 _____

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
Robert L. Bayless
Position
Co-Owner
Company
Merrion & Bayless
Date
July 23, 1980

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
July 24, 1980
Registered Professional Engineer
and/or Land Surveyor
Fred B. Kerr, Jr.
Certificate No.
3950

