

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 1650 FSL & 990 FWL

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.)

7336' GL

16. NO. OF ACRES IN LEASE

1920

19. PROPOSED DEPTH

3100'

17. NO. OF ACRES ASSIGNED
THIS WELL

160

20. ROD OR CABLE TOOLS

Rotary

U. S. GEOLOGICAL SURVEY APPROX. DATE WORK WILL START*
FARMINGTON, N. M. August 15, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

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	3100	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 3100' and run 3100' 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: Ojo Alamo

2750': Kirtland

2820': Fruitland

2955': Pictured Cliffs

- salt water gas, salt water

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on new productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface location and measured and true vertical depths. Give blowout prevention program, if any.

24. SIGNED Robert L. Bayless TITLE Operator DATE July 23, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

30-043-20474

5. LEASE DESIGNATION AND SERIAL NO.

Contract 163

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Badland Flats

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

So. Blanco P.C. ext

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

Sec. 24, T23N, R2W

12. COUNTY OR PARISH 13. STATE

Sandoval

N.M.

RECEIVED

JUL 23 1980

Rotary

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

August 15, 1980

ALL DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"APPROVED BY
DATE
C. J. Bayless
CHIEF ENGINEER

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

Form C-107
Revised 10-1-78

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

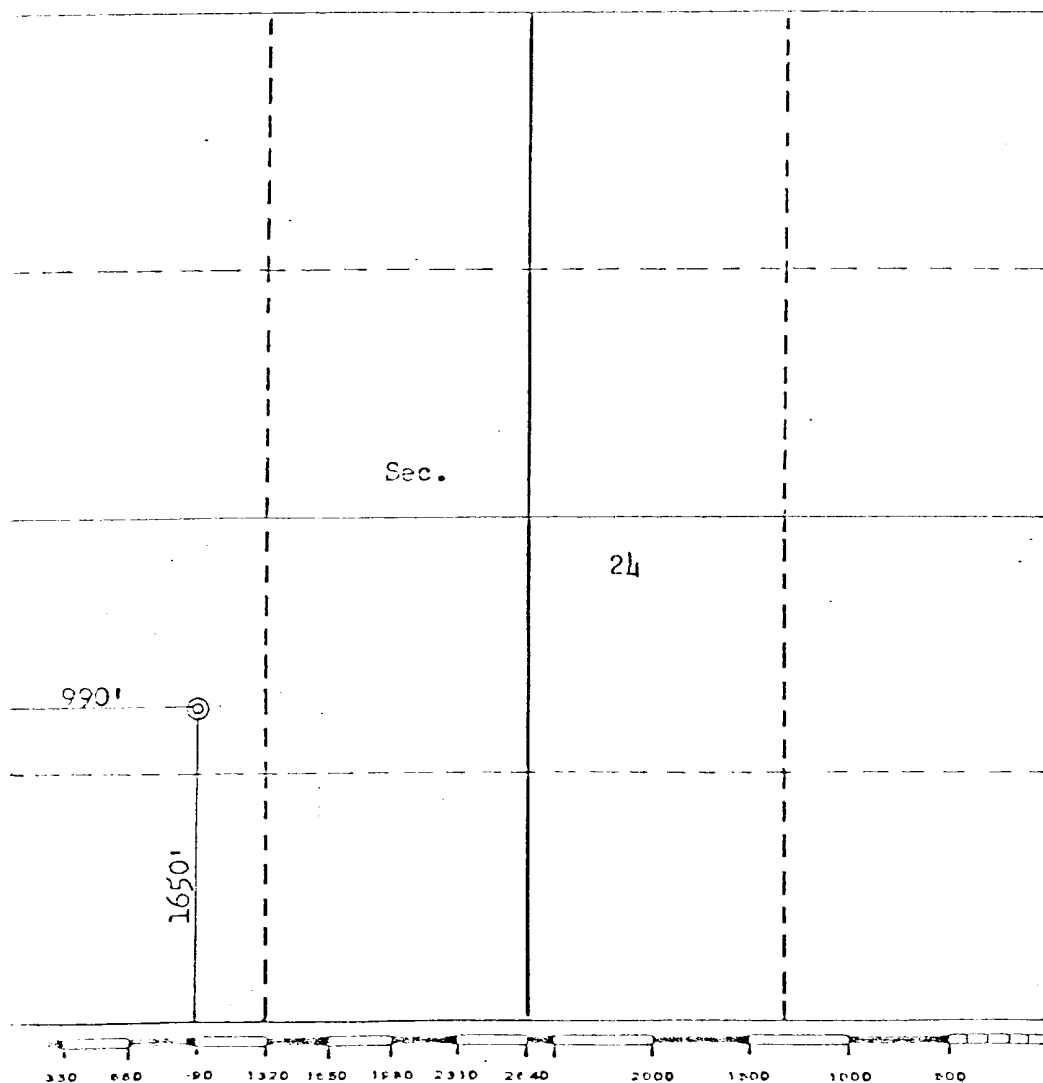
Operator Merrion & Bayless		Lease BADLANDS FLATS		Well No. 1	
Well Letter L	Section 24	Township 23N	Range 2W	County Sandoval	
Actual Footage Location of Well:					
1650	feet from the	South	line and	990	feet from the
Ground Level Elev.		Producing Formation		Pool	Dedicated Acreage
7336	Pictured Cliffs		South Blanco	<i>E. pt</i>	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.

Robert L. Bayless
Name

Robert L. Bayless

Position

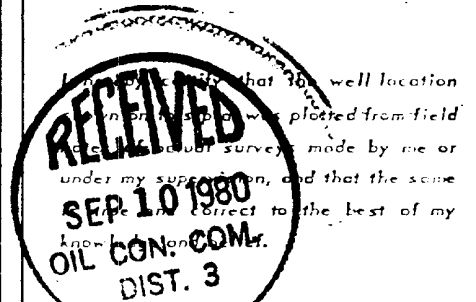
Co-Owner

Company

Merrion & Bayless

Date

July 23, 1980



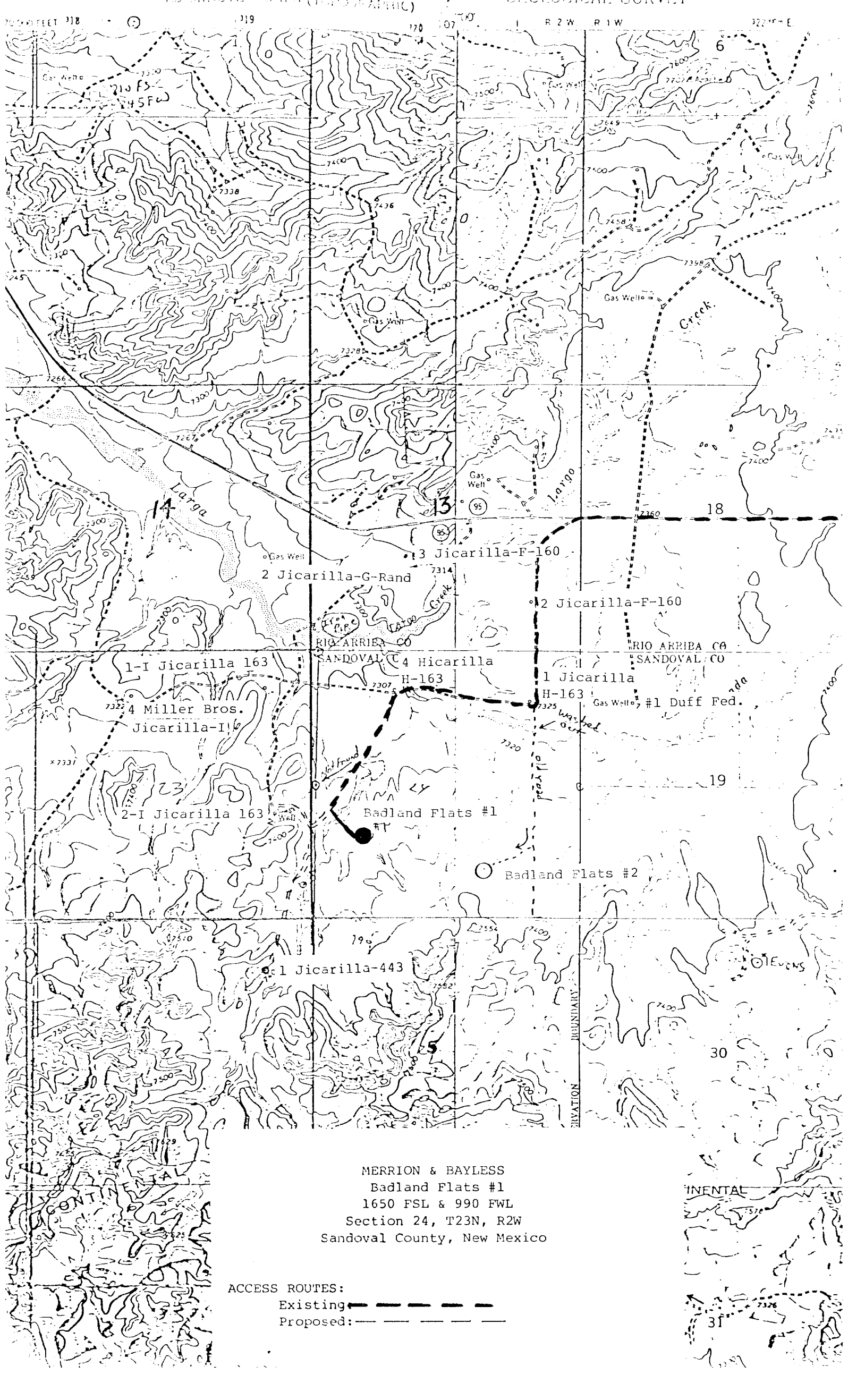
Date Surveyed

July 23, 1980
Registered Professional Engineer
and/or Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3950



MERRION & BAYLESS
Badland Flats #1
1650 FSL & 990 FWL
Section 24, T23N, R2W
Sandoval County, New Mexico

ACCESS ROUTES:
Existing —————
Proposed: —————