

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | | |
|--|--|--|--|--|
| 1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | | 5. LEASE DESIGNATION AND SERIAL NO. Contract 428 | |
| b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla | |
| 2. NAME OF OPERATOR J. Gregory Merrion and Robert L. Bayless | | | 7. UNIT AGREEMENT NAME | |
| 3. ADDRESS OF OPERATOR P.O. Box 507, Farmington, New Mexico 87401 | | | 8. FARM OR LEASE NAME Jicarilla 428 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1070 FNL and 1050 FWL At proposed prod. zone same | | | 9. WELL NO. 5 | |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* | | | 10. FIELD AND POOL, OR WILDCAT Ballard Pic. Cliff | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) | | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T23N, R4W | |
| 16. NO. OF ACRES IN LEASE | | | 12. COUNTY OR PARISH Sandoval | |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL 160 118.89 | | | 13. STATE N.M. | |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. | | | 20. ROTARY OR CABLE TOOLS Rotary | |
| 19. PROPOSED DEPTH 2400' | | | 22. APPROX. DATE WORK WILL START* As soon as possible | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6838' G.L. | | | | |

| 23. PROPOSED CASING AND CEMENTING PROGRAM | | | | |
|---|----------------|-----------------|---------------|--------------------|
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
| 9-5/8" | 7" | 23 lb./ft. | 60' | 20 sx |
| 4-3/4" | 2-7/8" | 6.5 lb./ft. | 2400' | 150 sx |

Will drill 9-5/8" hole to 60 ft. and set 60 ft. of 7", 23 lb./ft. casing with 20 sx. cement. Will drill 4-3/4" hole to 2400 ft. and run logs. If appears productive will run 2400 ft. of 2-7/8", 6.5 lb./ft., J-55 casing and cement with 150 sx. Will perforate and stimulate as required.

Note: Gas under development agreement to Northwest Pipeline.

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 Robert L. Bayless TITLE Co-Owner DATE April 15, 1977
(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

Hold 05104 for NWU

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.

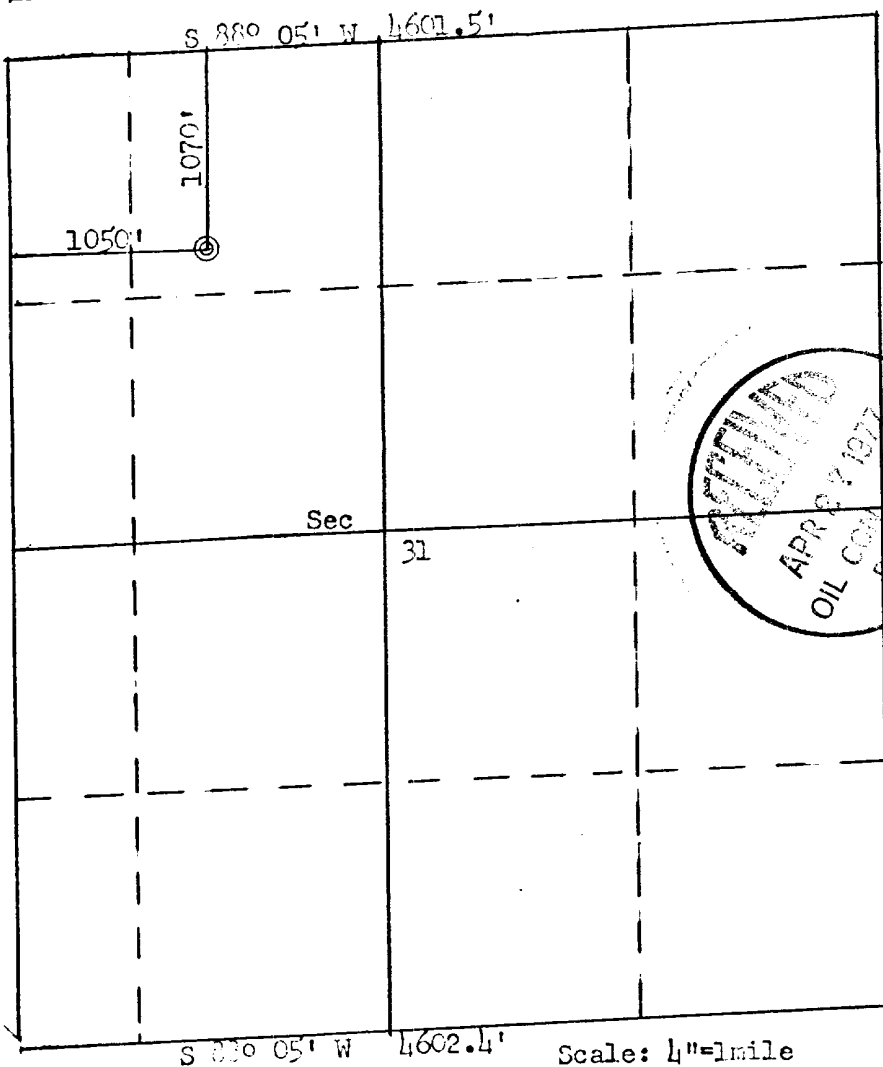
| | | | | |
|--|---|--|--|---------------------------|
| Operator Merrion & Bayless | | Lease Jicarilla 128 | | Well No. 5 |
| Unit Letter C | Section 31 | Township 23N | Range 4W | County Sandoval |
| Actual Footage Location of Well: 1070 feet from the North line and 1050 feet from the West line | | | | |
| Ground Level Elev. 6838 | Producing Formation Pictured Cliffs | Pool Ballard Pictured Cliffs | Dedicated Acreage: 160 178.89 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.



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

April 15, 1977

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

April 14, 1977

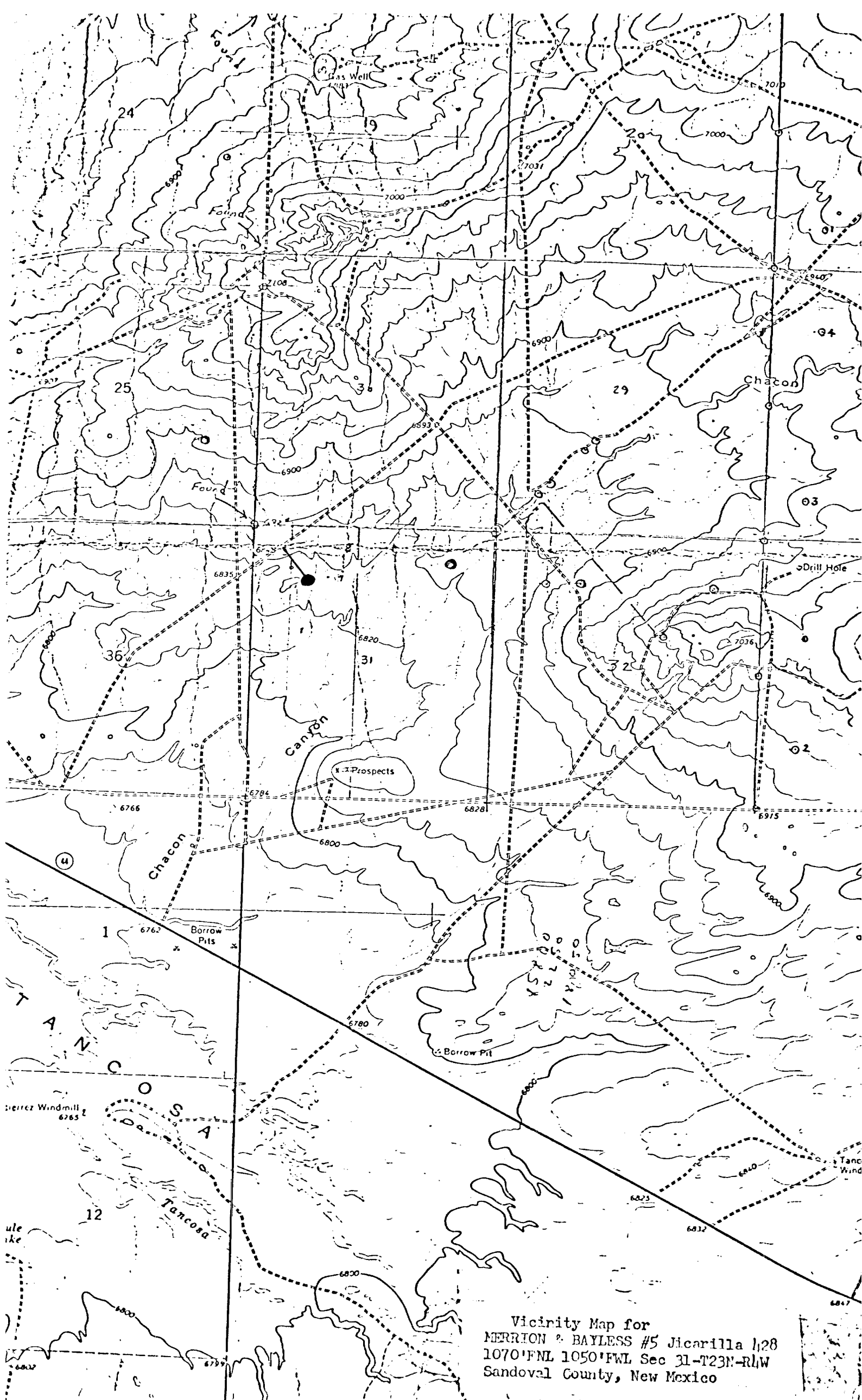
Registered Professional Engineer
and Land Surveyor

Fred B. Kern
Fred B. Kern

Certificate No.

3950

FORM 24-11



Vicinity Map for
MERRION & BAYLESS #5 Jicarilla 1:28
1070'FWL 1050'FWL Sec 31-T23N-R4W
Sandoval County, New Mexico