

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-2038

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
1850 FNL and 790 FWL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Appx. 50 Miles SE of Bloomfield, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 790'
16. NO. OF ACRES IN LEASE 2650

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2700'
19. PROPOSED DEPTH 2400'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6941' 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 sacks |
| 4-3/4" | 2-7/8" | 6.5 lb./ft. | 2400' | 150 sacks |

Will drill 9-5/8" hole to 60 ft. and set 60 ft. of 7", 23 lb./ft. casing with 20 sacks 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 sacks. 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 [Signature] TITLE Co-Owner DATE Sept. 14, 1978

(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

**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.

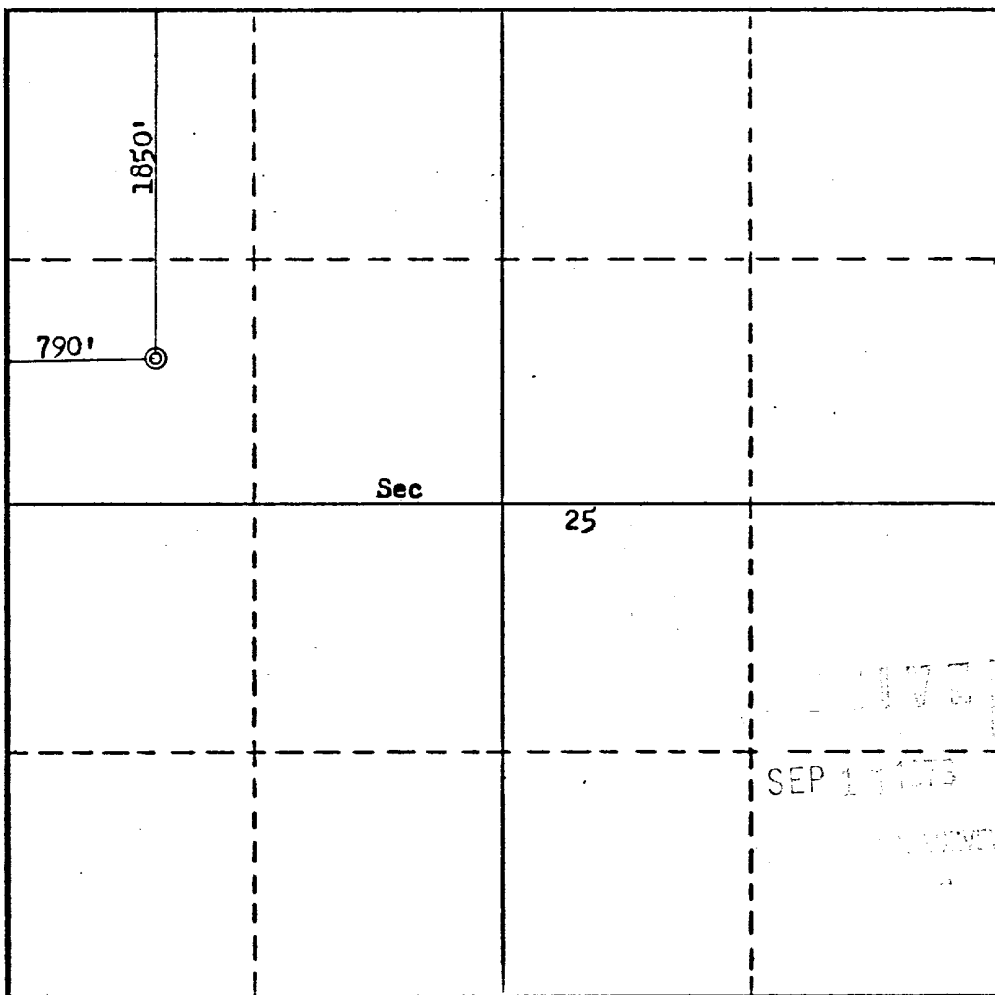
| | | | | | |
|---|---|------------------------|--|--|----------------------|
| Operator MERRION & BAYLESS | | | Lease JICARILLA 430 | | Well No. 4 |
| Unit Letter E | Section 25 | Township 23N | Range 5W | County SANDOVAL | |
| Actual Footage Location of Well: 1850 feet from the North line and 790 feet from the West line | | | | | |
| Ground Level Elev. 6941 | Producing Formation Pictured Cliffs | | Pool Ballard Pic. Cliffs ext | Dedicated Acreage: 160 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

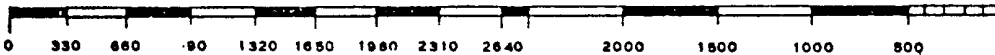
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

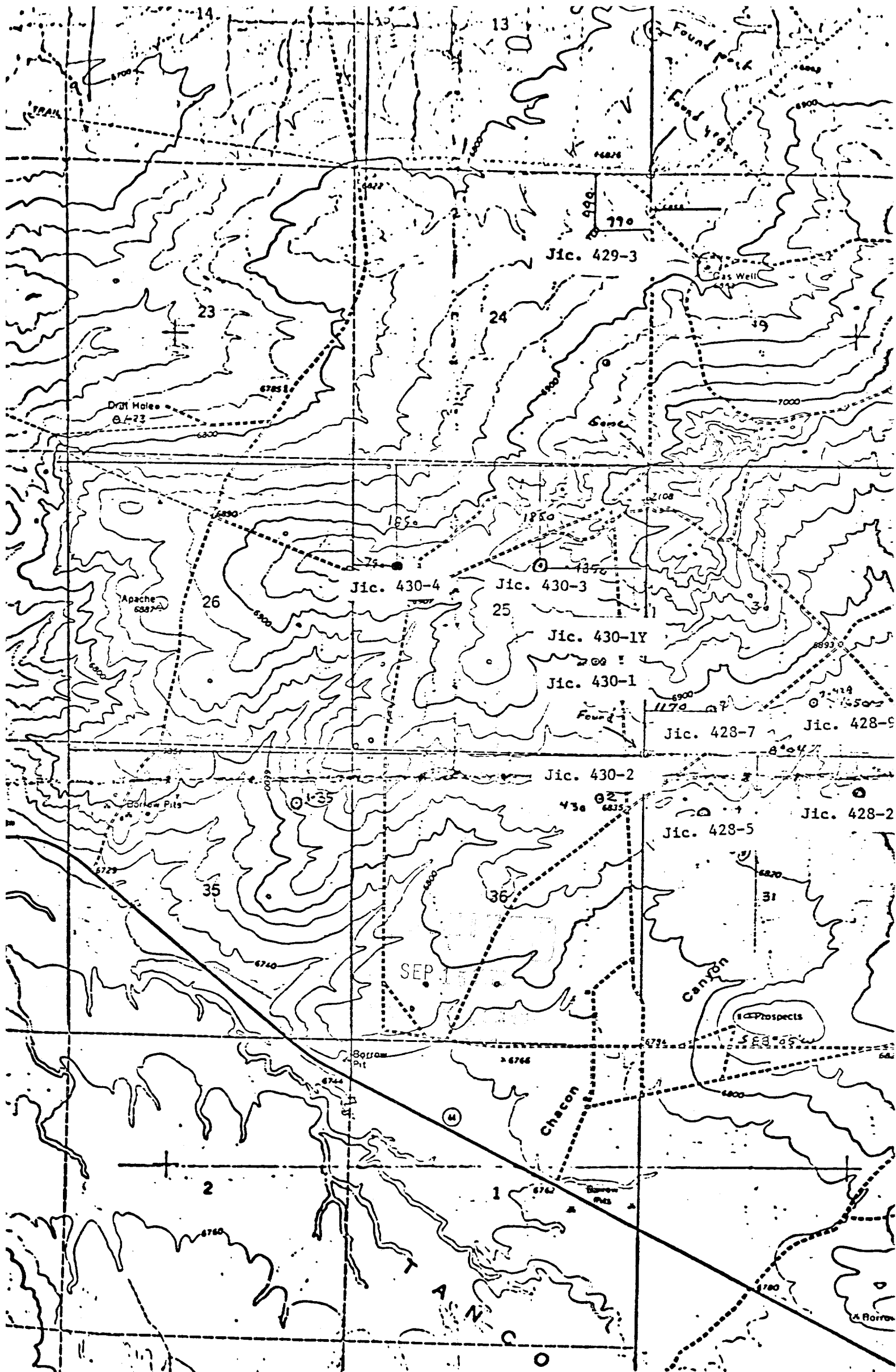
Name
Robert L. Bayless
Position
Co-Owner
Company
Merrion & Bayless
Date
September 14, 1978

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 13, 1978
Registered Professional Engineer
and/or Land Surveyor

[Signature]
Fred B. Kerr Jr.
Certification No. **3950**
MERR JR.





Vicinity Map for
MERRION & BAYLESS #1 JICARILLA CONTRACT 430
1850'FNL 790'FWL Sec 25-T23N-R5W
SANDOVAL COUNTY, NEW MEXICO