

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|  |  |  |  |
|--|--|--|--|
| 1a. TYPE OF WORK<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>   |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM 02599                        |  |
| b. TYPE OF WELL<br>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                                   |  |
| 2. NAME OF OPERATOR<br>J. Gregory Merrion & Robert L. Bayless  |  | 7. UNIT AGREEMENT NAME   |  |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 1541, Farmington, NM 87401  |  | 8. FARM OR LEASE NAME<br>East Lindrith                                 |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)<br>At surface<br>1600 FSL & 1000 FWL<br>At proposed prod. zone<br>same  |  | 9. WELL NO.<br>5   |  |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*<br>2 miles south of Lindrith   |  | 10. FIELD AND POOL, OR WILDCAT<br>South Blanco                         |  |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)<br>1000 ft.  |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Sec. 27, T24N, R2W |  |
| 16. NO. OF ACRES IN LEASE<br>120 acres   |  | 12. COUNTY OR PARISH 13. STATE<br>Rio Arriba N.M.                      |  |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.<br>2800 ft.  |  | 17. NO. OF ACRES ASSIGNED TO THIS WELL<br>160                          |  |
| 19. PROPOSED DEPTH<br>3400 ft.   |  | 20. ROTARY OR CABLE TOOLS<br>Rotary                                    |  |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.)<br>7225 GR  |  | 22. APPROX. DATE WORK WILL START*<br>May, 1979                         |  |

## 23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 9-3/4"       | 7"             | 23 lb./ft.      | 80 ft.        | 30 sx              |
| 5"           | 3-1/2"         | 9.3 lb./ft.     | 3400 ft.      | 150 sx             |

Will drill 9-3/4" hole to 80 ft. and set 80 ft. of 7", 23 lb./ft. casing with 30 sacks cement. Will drill 5" hole to 3400 ft. and run logs. If appears productive will run 3400 ft. of 3-1/2", 9.3 lb./ft., K-55 casing and cement with 150 sacks. Will perforate and stimulate as required.

NOTE: Gas is not dedicated.

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. Original Signed  
SIGNED J. Gregory Merrion TITLE Co-Owner DATE 04-18-79  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

ok Erik

\*See Instructions On Reverse Side

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APR 18 1979

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

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<br><b>MERRION &amp; BAYLESS</b>   |   |                        | Lease<br><b>East Lindrith</b> |  | Well No.<br><b>5</b> ✓ |
| Unit Letter<br><b>L</b>  | Section<br><b>27</b>                          | Township<br><b>24N</b> | Range<br><b>2W</b>            | County<br><b>RIO ARRIBA</b> ✓          |                        |
| Actual Footage Location of Well:<br><b>1600</b> feet from the <b>South</b> line and <b>1000</b> feet from the <b>West</b> line |   |                        |                               |  |                        |
| Ground Level Elev.<br><b>7225</b>  | Producing Formation<br><b>Pictured Cliffs</b> |                        | Pool<br><b>South Blanco</b>   | Dedicated Acreage:<br><b>160</b> 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.) Will be communitized.

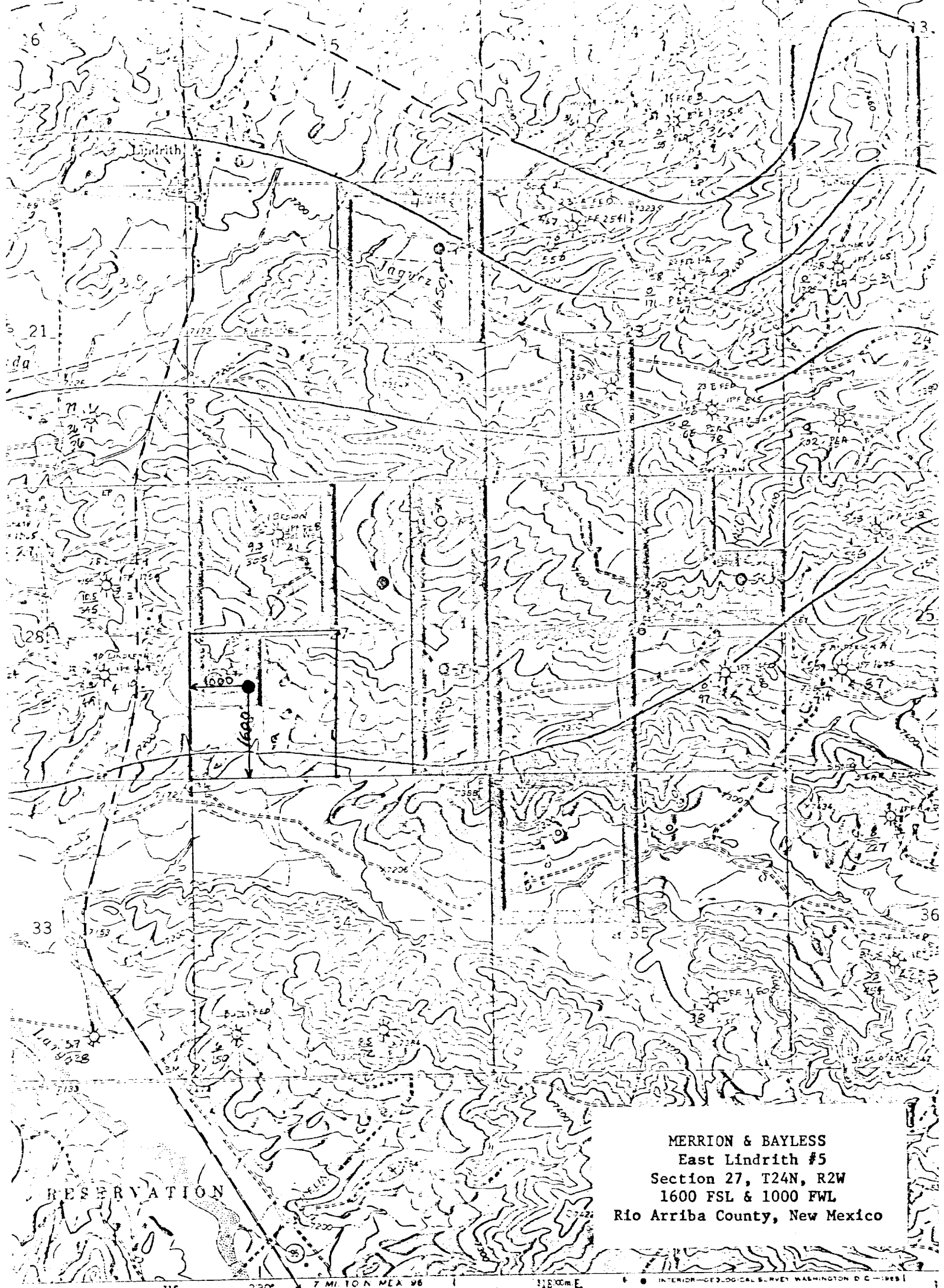
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

|  |  |
|--|--|
|  | <p align="center"><b>CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Original Signed<br/><u>J. Gregory Merrion</u></p> <p>Name<br/><b>J. Gregory Merrion</b></p> <p>Position<br/><b>Co-Owner</b></p> <p>Company<br/><b>Merrion &amp; Bayless</b></p> <p>Date<br/><b>April 18, 1979</b></p>                   |
|  | <p>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.</p> <p>Date Surveyed<br/><b>September 20, 1978</b></p> <p>Registered Professional Engineer and/or Land Surveyor<br/><u>Fred B. Kerr Jr</u></p> <p>Certificate No. <b>3955</b></p> |

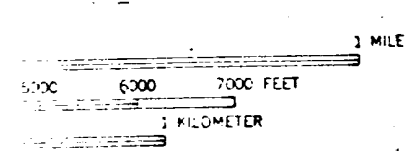
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**U. S. GEOLOGICAL SURVEY**  
DURANGO, COLO.



MERRION & BAYLESS  
East Lindrith #5  
Section 27, T24N, R2W  
1600 FSL & 1000 FWL  
Rio Arriba County, New Mexico



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U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

ROAD CLASSIFICATION

Light-duty  
Unimproved dirt  
State Route

LINDRITH, N. ME  
R2W