

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. NM 03992	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR J. Gregory Merrion & Robert L. Bayless		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 1541, Farmington, NM 87413		8. FARM OR LEASE NAME East Lindrith	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1710 PSL & 1650 FWL K At proposed prod. zone same		9. WELL NO. 6	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT South Blanco Pic. Cliffs	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 26, T24N, R2W	
16. NO. OF ACRES IN LEASE 1000		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		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	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7300' GL		22. APPROX. DATE WORK WILL START* June 15, 1980	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9"	7" used J-55	23#	90'	30 sacks circulated
5-1/8"	3.5" used K-55	9.3#	3350'	150 sacks circulated to surface

Will drill 9" hole to 90' and set 90' of 7", 23#, J-55 used casing with 30 sacks Class H cement. Will drill 5-1/8" hole to 3350' and run 3350' 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 dedicated:

RECEIVED

MAY 28 1980

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

## ESTIMATED TOPS

Surface Formation: Ojo Alamo - Salt Water  
2880': Kirtland  
3075': Fruitland  
3150': Pic. 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 [Signature] TITLE Operator DATE May 22, 1980  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

APPROVED

JUL 29 1980

DISTRICT ENGINEER

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

Operator <b>MERRION &amp; BAYLESS</b>		Lease <b>EAST LINDRITH</b>		Well No. <b>6</b>
Unit Letter <b>K</b>	Section <b>26</b>	Township <b>24N</b>	Range <b>2W</b>	County <b>Rio Arriba</b>

Actual Footage Location of Well:

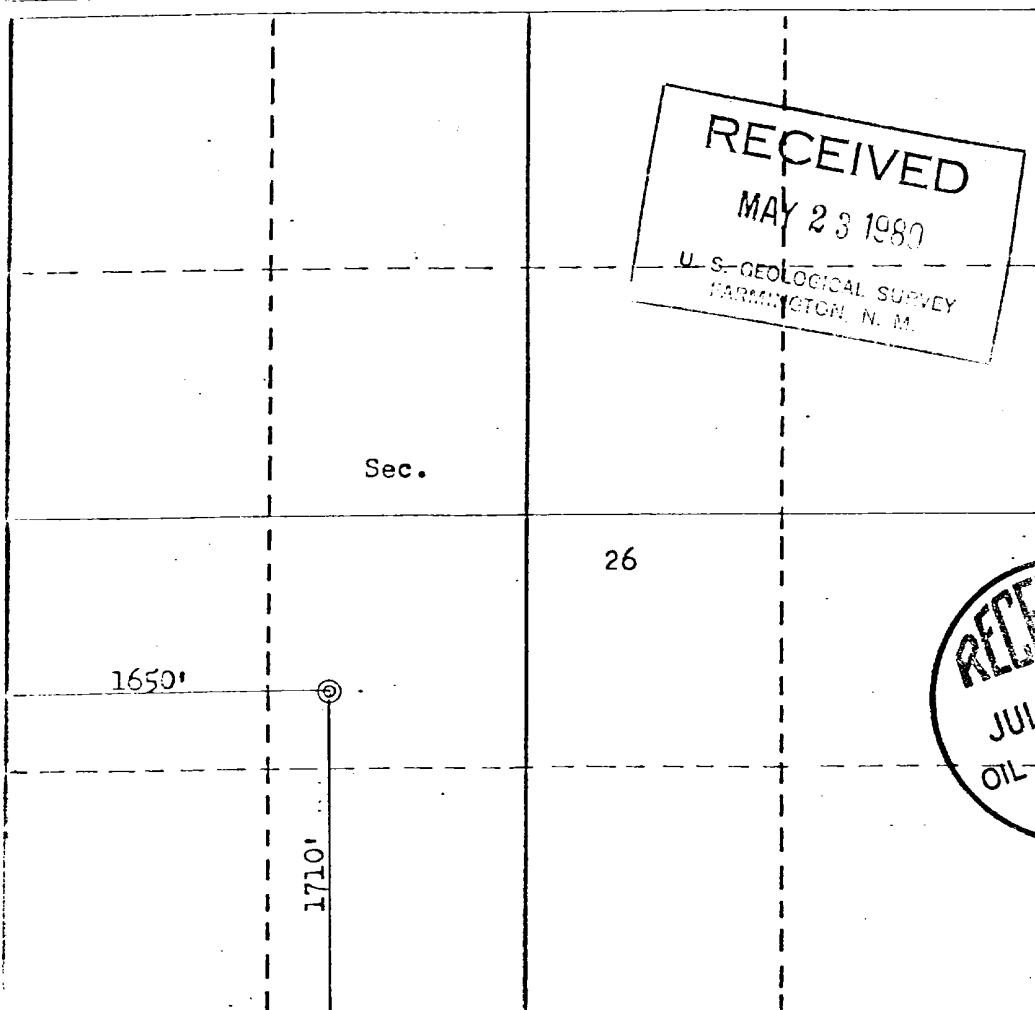
<b>1710</b>	feet from the	<b>South</b>	line and	<b>1650</b>	feet from the	<b>West</b>	line
Ground Level Elev. <b>7300</b>	Producing Formation <b>Pictured Cliffs</b>		Pool <b>South Blanco</b>		Dedicated Acreage: <b>160</b>		Acres

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

Co-Owner

Position

Merrion & Bayless

Company

May 22, 1980

Date

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 are true and correct to the best of my knowledge and belief.

Date Surveyed

May 19, 1980

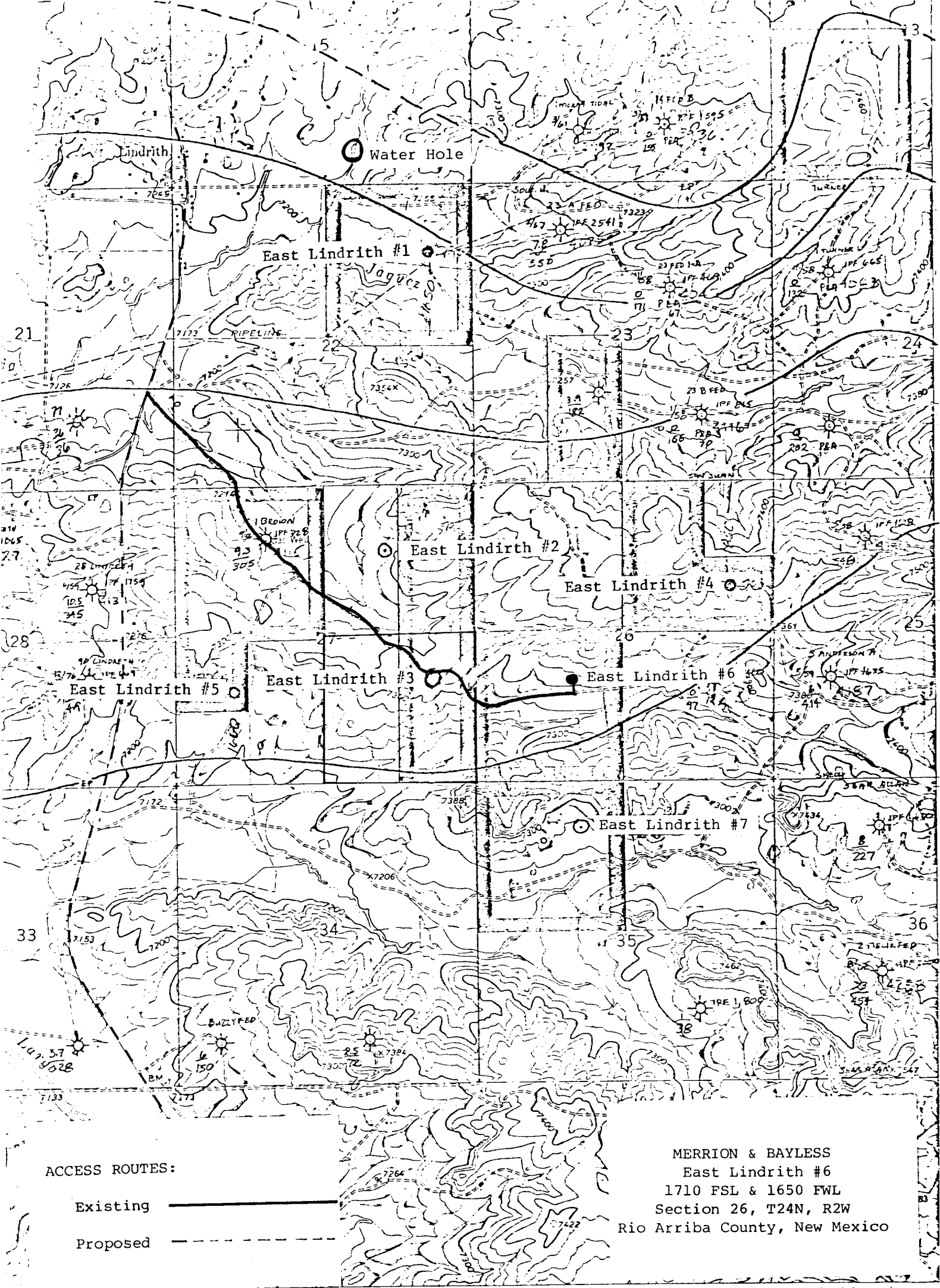
Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr, Jr.

Certificate No.

3950

330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

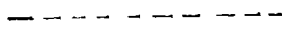


ACCESS ROUTES:

Existing



Proposed



MERRION & BAYLESS  
East Lindrith #6  
1710 FSL & 1650 FWL  
Section 26, T24N, R2W  
Rio Arriba County, New Mexico

316

230°

7 MI. TO N. MEX. 96  
CUBA IVIA N. MEX. 96 AND 441 23 MI.

318000m E

• • INTERIOR-GEOLOGICAL SURVEY WASHINGTON D. C. -1965 I

107

1 MILE

00 6000 7000 FEET

1 KILOMETER

ROAD CLASSIFICATION

Medium-duty

Light-duty

Unimproved dirt

○ State Route



QUADRANGLE LOCATION

LINDRITH, N. MEX.

N 4015 W 107000/7 E