

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 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

990 FNL and 990 FWL

At proposed prod. zone
same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12 miles north of Lindreth, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

990'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 + w / 320

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

3300'

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7313 GL

22. APPROX. DATE WORK WILL START*

As soon as possible

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	140'	100 sacks
7-7/8"	4-1/2"	10.5#	6500'	350 sacks

Will drill 12-1/4" hole to 140 ft. and set 140 ft. of 8-5/8", 24# casing with 100 sacks cement. Will drill 7-7/8" hole to 6500 ft. and run logs. If appears productive, will run 6500 ft. of 4-1/2", 10.5#, J-55 casing and cement with 350 sacks. Will perforate and stimulate as required. Minimum specifications for pressure control equipment to be used - 8" 900 series double ram blowout preventer. The gas from this formation is dedicated to El Paso Natural Gas Co.

ESTIMATED TOPS:

Formation	Depth	Content
Kirtland	3560'	
Fruitland	3600'	
Pictured Cliffs	3745'	
Cliff House	5500'	Gas, Water
Point Lookout	5850'	Gas, 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

Robert L. Bayless

TITLE

Co-Owner

DATE

08-10-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

023nd

*See Instructions On Reverse Side

RECEIVED

AUG 14 1978

U. S. GEOLOGICAL SURVEY

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-122
Effective 1-1-65

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

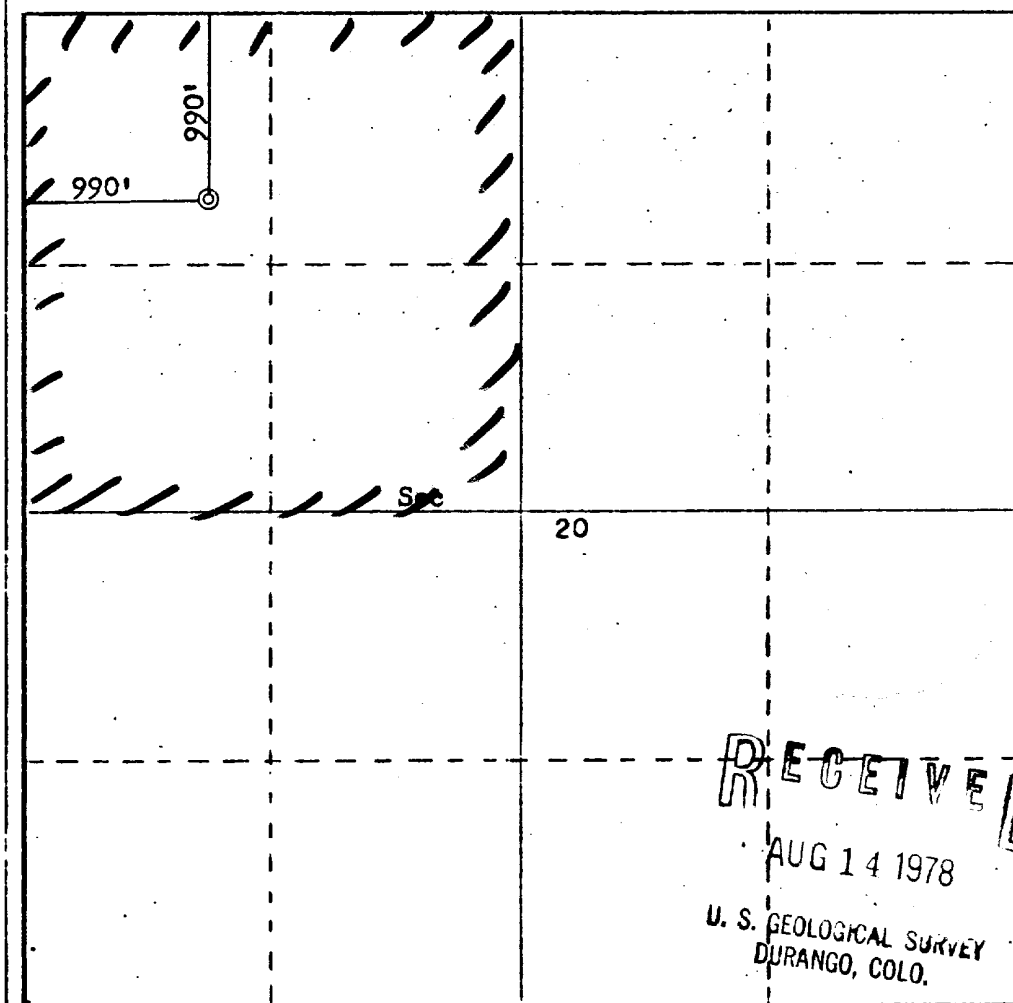
Operator MERRION & BAYLESS			Lessee NORTH LINDRITH		Well No. 1A
Unit Letter D	Section 20	Township 26N	Range 2W	County Rio Arriba	
Actual Footage Location of Well:					
990 feet from the North line and		990 feet from the West line			
Ground Level Elev. 7313	Producing Formation Mesa Verde	Pool Gavilan PC; Blanco MV	Dedicated Acreage: 160/320 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

August 10, 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

August 8, 1978

Registered Professional Engineer and or Land Surveyor

Fred B. Kerr Jr.
Name

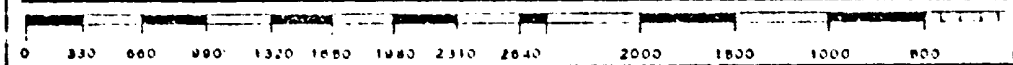
Fred B. Kerr Jr.

Certification No. 3950

STATE OF NEW MEXICO

3950

RECEIVED
AUG 14 1978
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.



SURFACE USE OPERATIONS PLAN

MERRION & BAYLESS
North Lindreth Com #1A
Section 20, T26N, R2W

- 1 & 2. A topographical map is attached showing location of drillsite and access roads to location; new roads are color coded on the location map. The terrain is relatively flat and no improvements are planned on existing roads. Our planned access road will be twelve feet in width, and will follow the existing terrain. No turnouts, culverts or cuts and fills are anticipated on the proposed access. In addition, natural drainage and surfacing material will be used.
3. Wells within one mile radius are shown on the topographical map.
4. A. Existing facilities owned or controlled by the Operator and shown on the attached map are as follows: wellheads.
B. No new facilities are contemplated.
C. Disturbed areas will be reseeded per BLM specifications.
5. Water will be hauled from well located at our North Lindreth Com. #1 located in SW/4 Sec. 20, T26N, R2W.
Truck will haul water on proposed access route shown.
6. No construction materials will be used.
7. Methods of disposal of waste materials:
 - A. Cuttings will be buried in drilling pit.
 - B. Drilling fluids will be buried in drilling pit.
 - C. No produced fluids are anticipated.
 - D. Sewage will be buried.
 - E. Garbage and other waste material will be buried.
 - F. Operator will clean up, fill, and level pits and reseed location per BLM specifications.
8. No ancillary facilities.
9. Wellsite layout attached.
10. Restoration of drillsite -- pits will be filled and leveled and reseeded per BLM specifications immediately after completion.
11. Other information: The drillsite is fairly level, grass and brush covered semi-arid land. There is no other surface use or facilities existent. An archeological survey statement will be furnished.
12. Operator representative: Robert L. Bayless
P.O. Box 1541
Farmington, NM 87401 (505) 325-5093
13. Certification:

RECEIVED

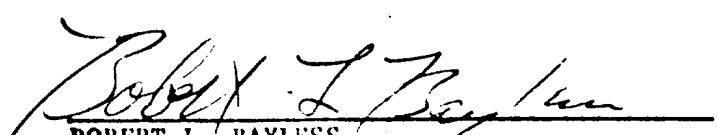
AUG 14 1978

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Merrion and Bayless and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE

8-11-78


ROBERT L. BAYLESS
Co-Owner
Merrion & Bayless

LOCATION AND EQUIPMENT LAY-OUT

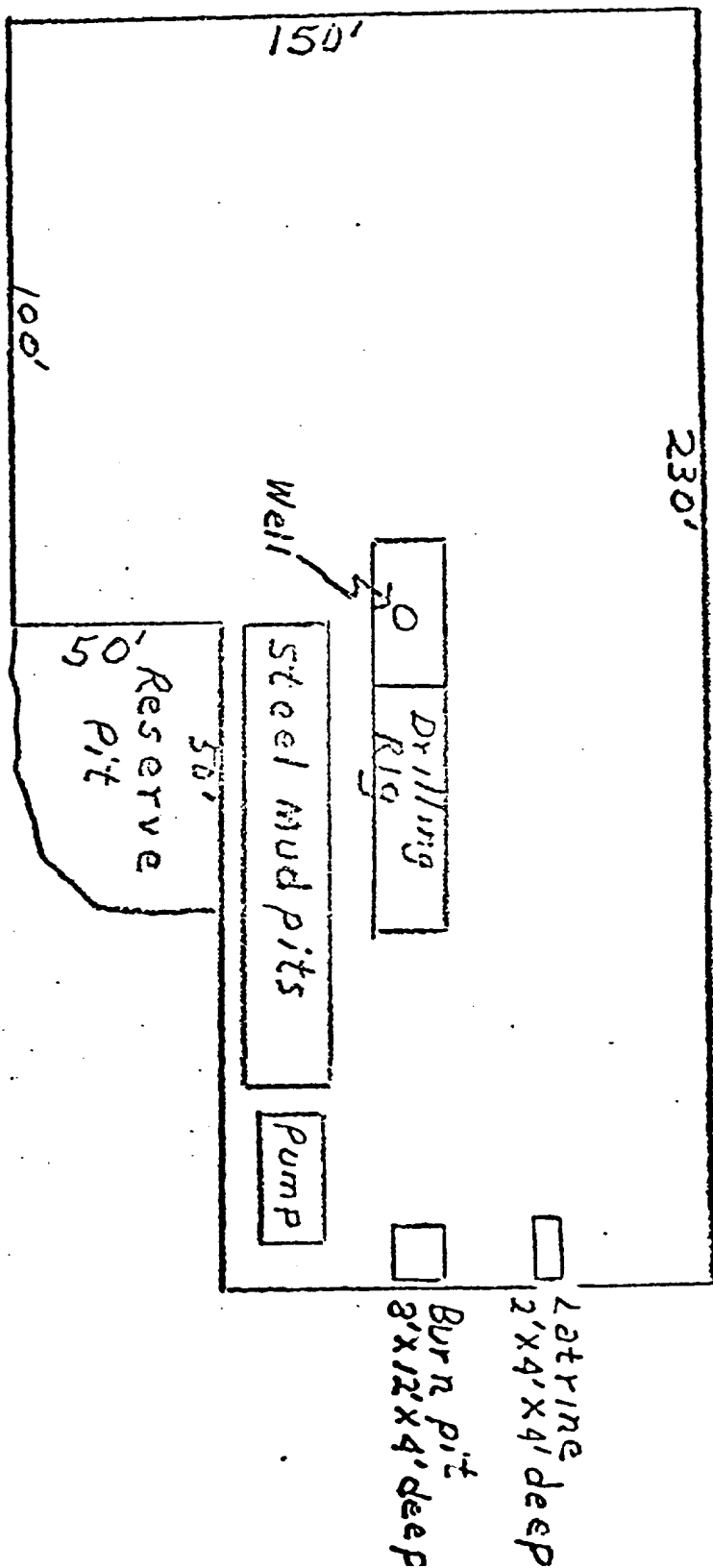
MERRION & BAYLESS

NORTH LINDETH COM #1A
Section 20, T26N, R2W
Rio Arriba County, New Mexico

RECEIVED

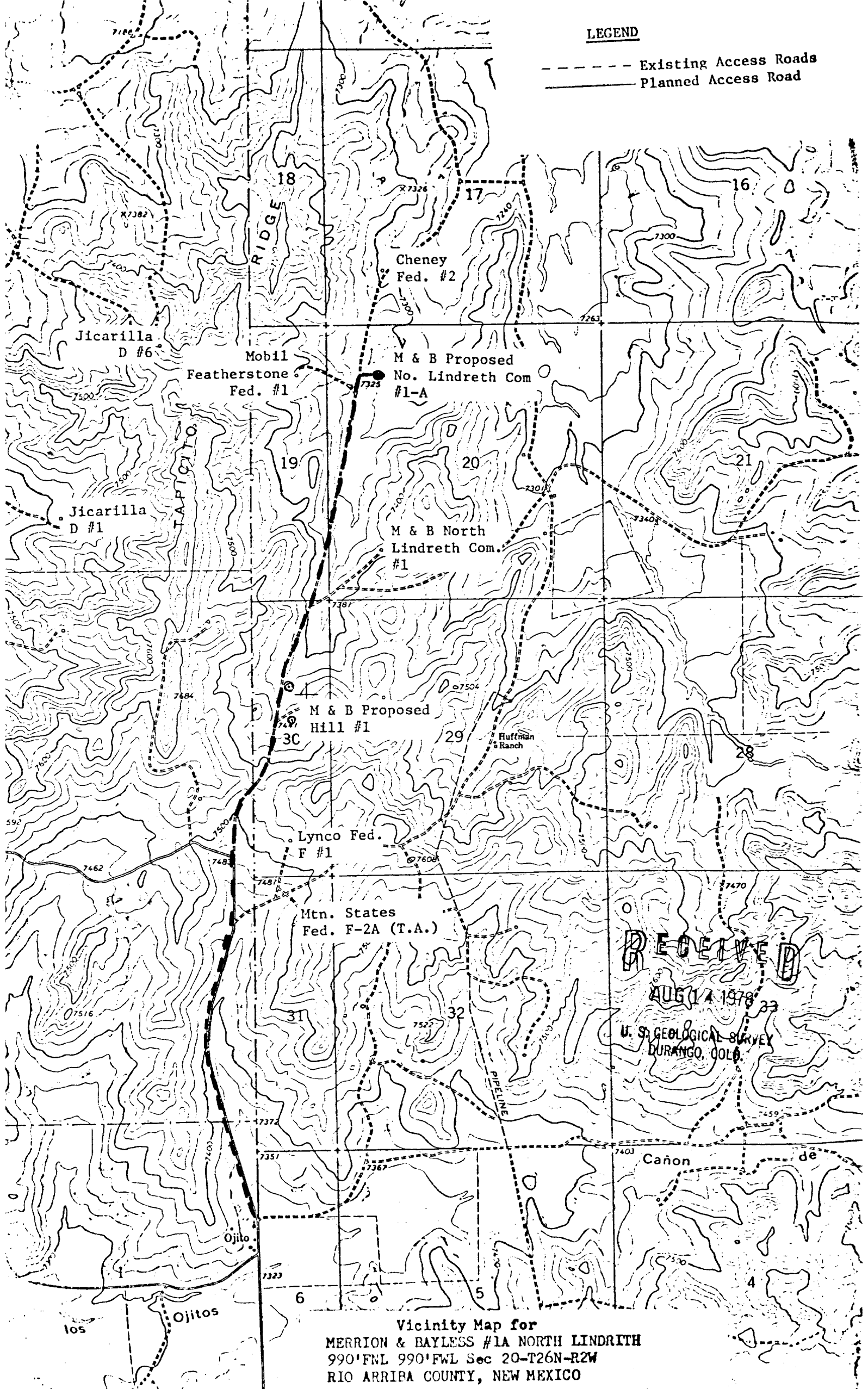
AUG 14 1978

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.



LEGEND

- Existing Access Roads
- Planned Access Road



Vicinity Map for
 MERRION & BAYLESS #1A NORTH LINDRITH
 990'FWL 990'FWL Sec 20-T26N-R2W
 RIO ARRIBA COUNTY, NEW MEXICO