

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 & 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 & 790 FWL

At proposed prod. zone

same

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

15. DISTANCE FROM PROPOSED*

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

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

7322' GL

16. NO. OF ACRES IN LEASE

160.40192

19. PROPOSED DEPTH

3850'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

July 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#	3850'	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 3850' and run 3850' 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 & Density logs. Blowout preventer schematic is attached. The gas from this formation is dedicated.

ESTIMATED TOPS

Surface Formation: Ojo Alamo - salt water

3610': Fruitland - salt water

3760': Pic. Cliffs - natural gas, salt water

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

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.

SIGNATURE

TITLE

Operator

DATE

June 20, 1980

(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

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

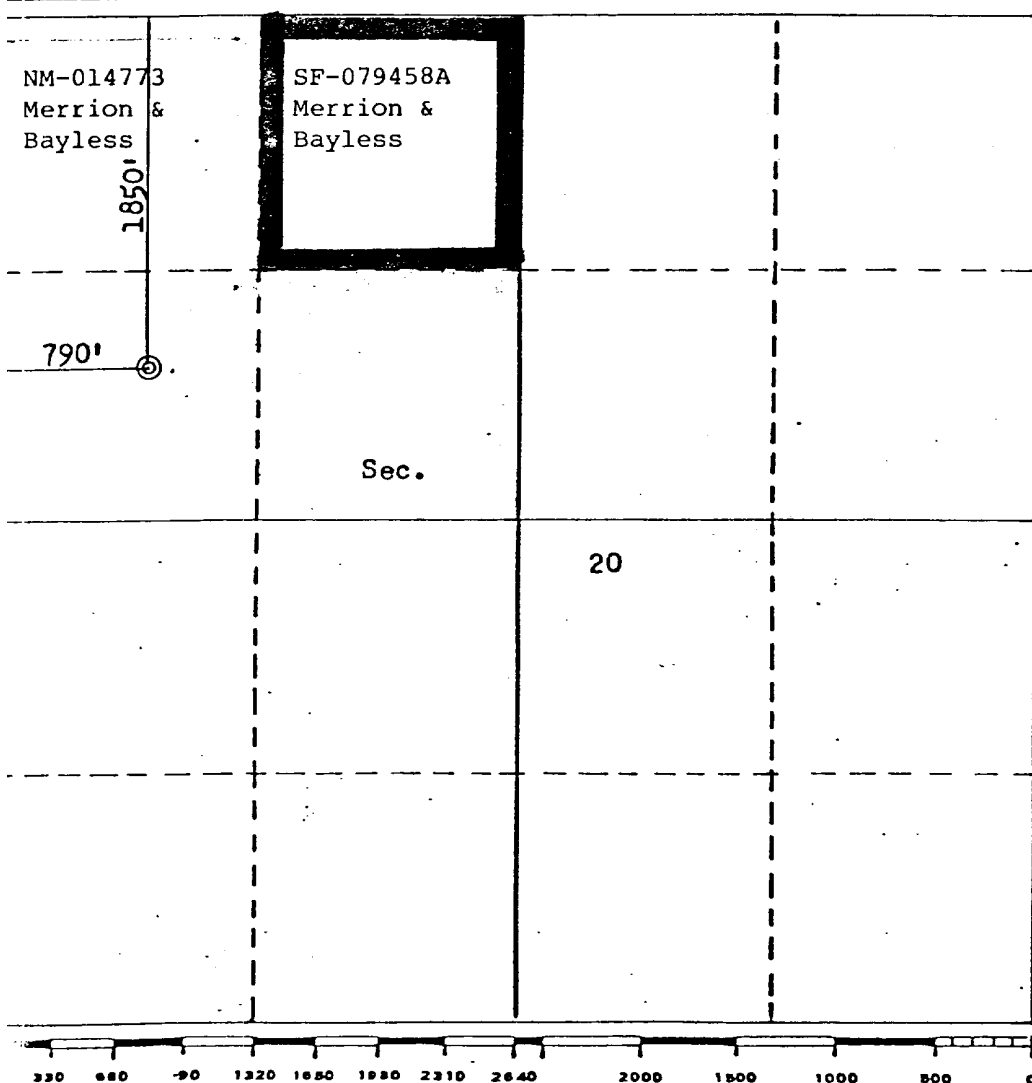
Operator MERRION & BAYLESS			Lease NORTH LINDRITH Com		Well No. 2
Init Letter E	Section 20	Township 26N	Range 2W	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the North line and 790 feet from the West line					
Ground Level Elev. 7322	Producing Formation Pictured Cliffs		Pool Gavilan		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 Will be Communitized.

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
June 20, 1980

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

May 29, 1980

Registered Professional Engineer and/or Land Surveyor

Frederic B. Kerr
Frederic B. Kerr, Jr.

Certificate No. KERR, JR.

3950

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☐ gas well ☐ other
2. NAME OF OPERATOR
J. Gregory Merrion & Robert L. Bayless
3. ADDRESS OF OPERATOR
P.O. Box 1541, Farmington, NM 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1850 FNL & 790 FWL
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>

(other) Amend 9-331C dated 6/20/80

5. LEASE
NM 014773
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
North Lindrith Com
9. WELL NO.
2
10. FIELD OR WILDCAT NAME
Gavilan Pic. Cliffs
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 20, T26N, R2W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
NM
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
7322' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Under Item #23: Please amend proposed casing program from 3.5" used K-55 9.3# casing to 4.5" used K-55 10.5# casing. Other data remains unchanged.

Subsurface Safety Valve: Manu. and Type

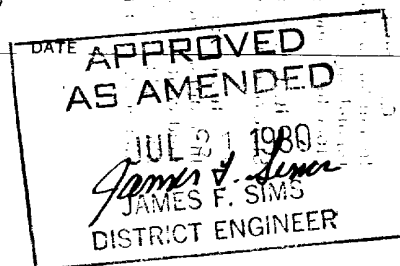
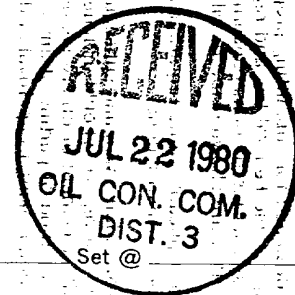
18. I hereby certify that the foregoing is true and correct

SIGNED Gregory Merrion TITLE Operator DATE June 27, 1980

(This space for Federal or State office use)

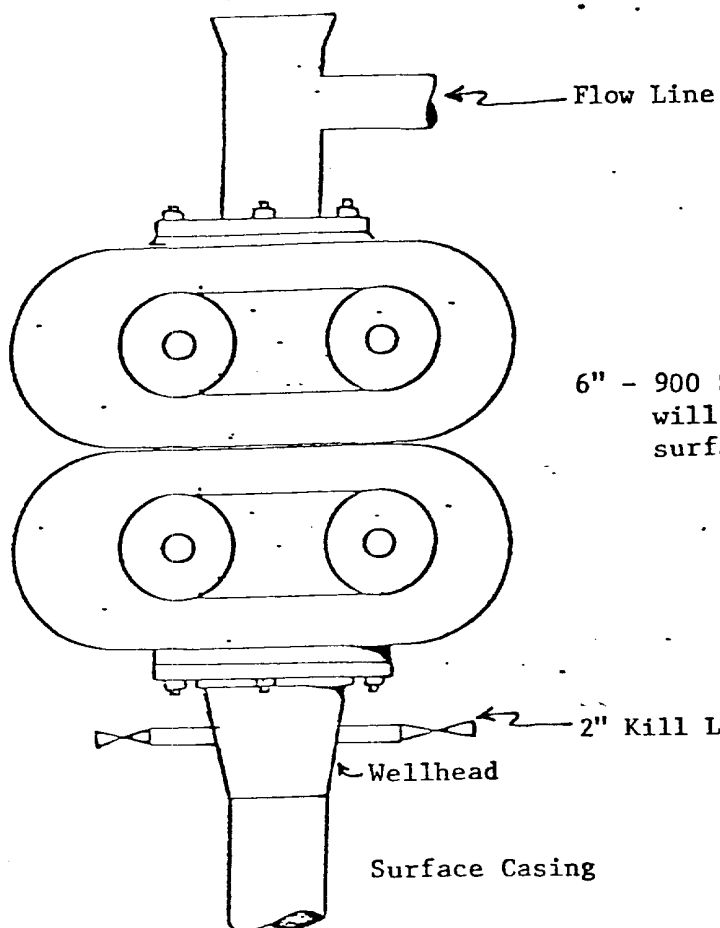
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



SURFACE WELL CONTROL EQUIPMENT

MERRION & BAYLESS
North Lindrith Com #2
NW/4 Section 20, T26N, R2W
Rio Arriba County, New Mexico



MERRION~BAYLESS

DRAWN BY

REVISED

APPROVED BY:

SCALE:

DATE:

SCHEMATIC

DRAWING NUMBER

SURFACE USE AND OPERATIONS PLAN

MERRION & BAYLESS

- 1 & 2. A topographical map is attached showing location of drillsite and access roads to location; approximately 150 ft. of new road is anticipated and is color coded accordingly on the map. A drive in truck mounted drilling rig will be used and will be driven in to the location with our road work. 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 topo map.
4. A. Existing facilities located within a one mile radius of the proposed location owned or controlled by the Operator and shown on the attached map:
- wellheads.
- B. Anticipated new facilities shown on the attached map:
- wellheads.
- C. Rehabilitation plans for the disturbed areas no longer needed for operations and maintenance:
- according to Rio Puerco Resource area BLM specifications.
5. A. Location & type of water supply: SW/NE Sec. 5, T26N, R2W; private surface seep tank.
- B. Water located on /- / Federal, / / Indian, or /X / private surface.
State, :
- C. Method of transporting water: water truck.
- D. Water will be hauled on proposed access route noted in item 1 & 2.
6. Source of construction materials: none required.
7. Methods of Disposal of water materials: Cuttings resulting from drilling, garbage, and sewage will be buried in drilling pit; salts and chemicals are not anticipated; eventual disposal of drilling fluids and any produced oil or water recovered during testing operations will be in drilling pit and buried.
8. No ancillary facilities are anticipated.
9. Wellsite layout is attached.
10. Plans for restoration of the surface:
- Will be seeded according to agreement with surface owner as soon as feasible upon completion of drilling operations.
11. Other Information:
- A. Surface ownership at well location and access route: BLM
- B. General description: rolling topography, sandy/shaley soil with sagebrush and grass;
- C. General surface use activities: grazing use and wildlife habitat;
- D. Environmental statement will be furnished by archeologist upon completion of surface inspections.

12. Operator representative:

Robert L. Bayless
Co-Owner
Merrion & Bayless
P.O. Box 1541
Farmington, NM 87401

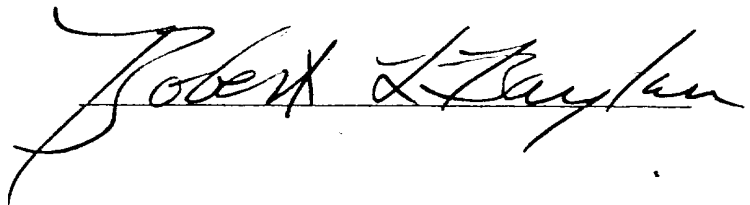
(505) 325-5093

13. Certification:

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 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 & Bayless and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

June 20, 1980

DATE

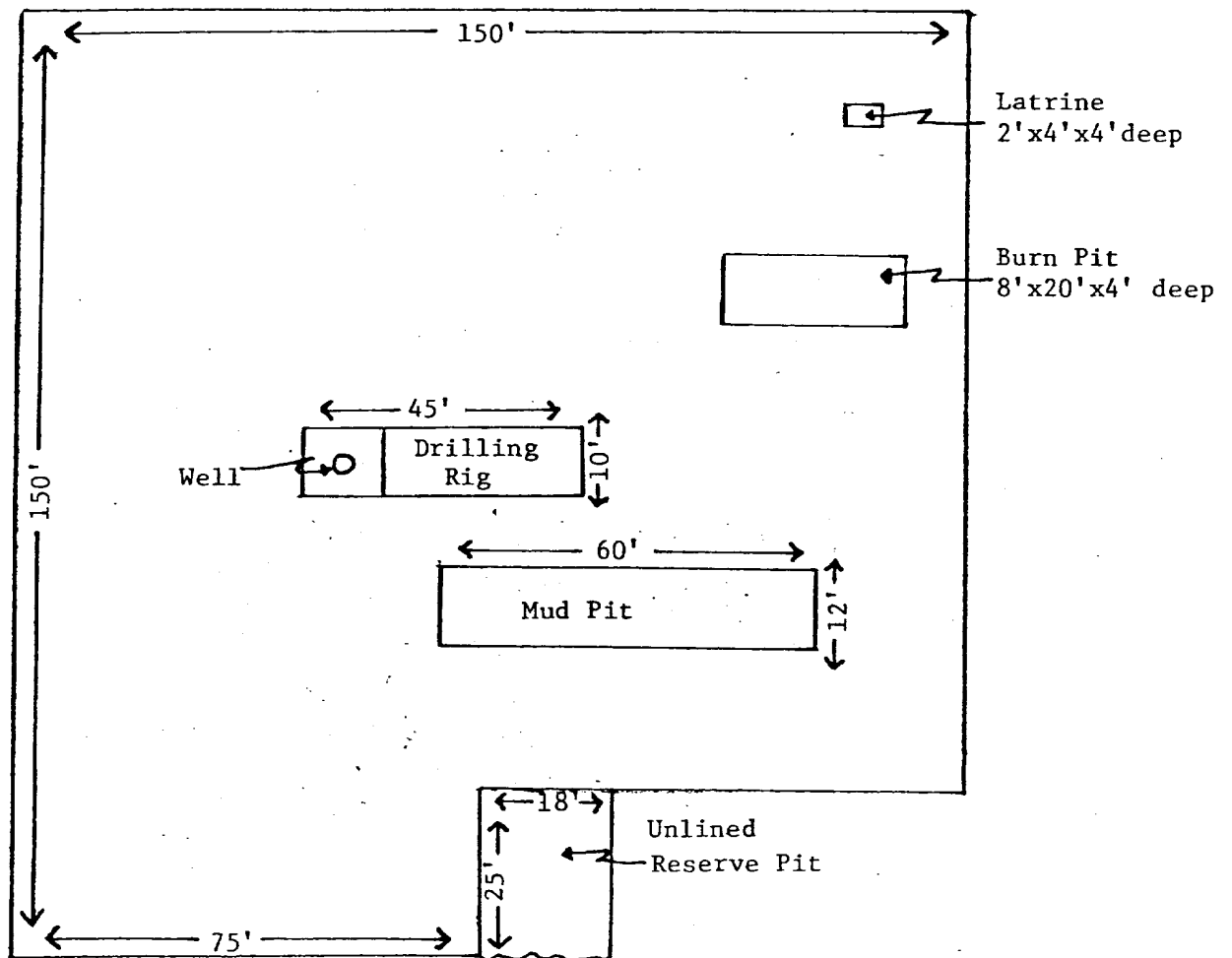
A handwritten signature in cursive script, reading "Robert L. Bayless", written over a horizontal line.

MERRION & BAYLESS

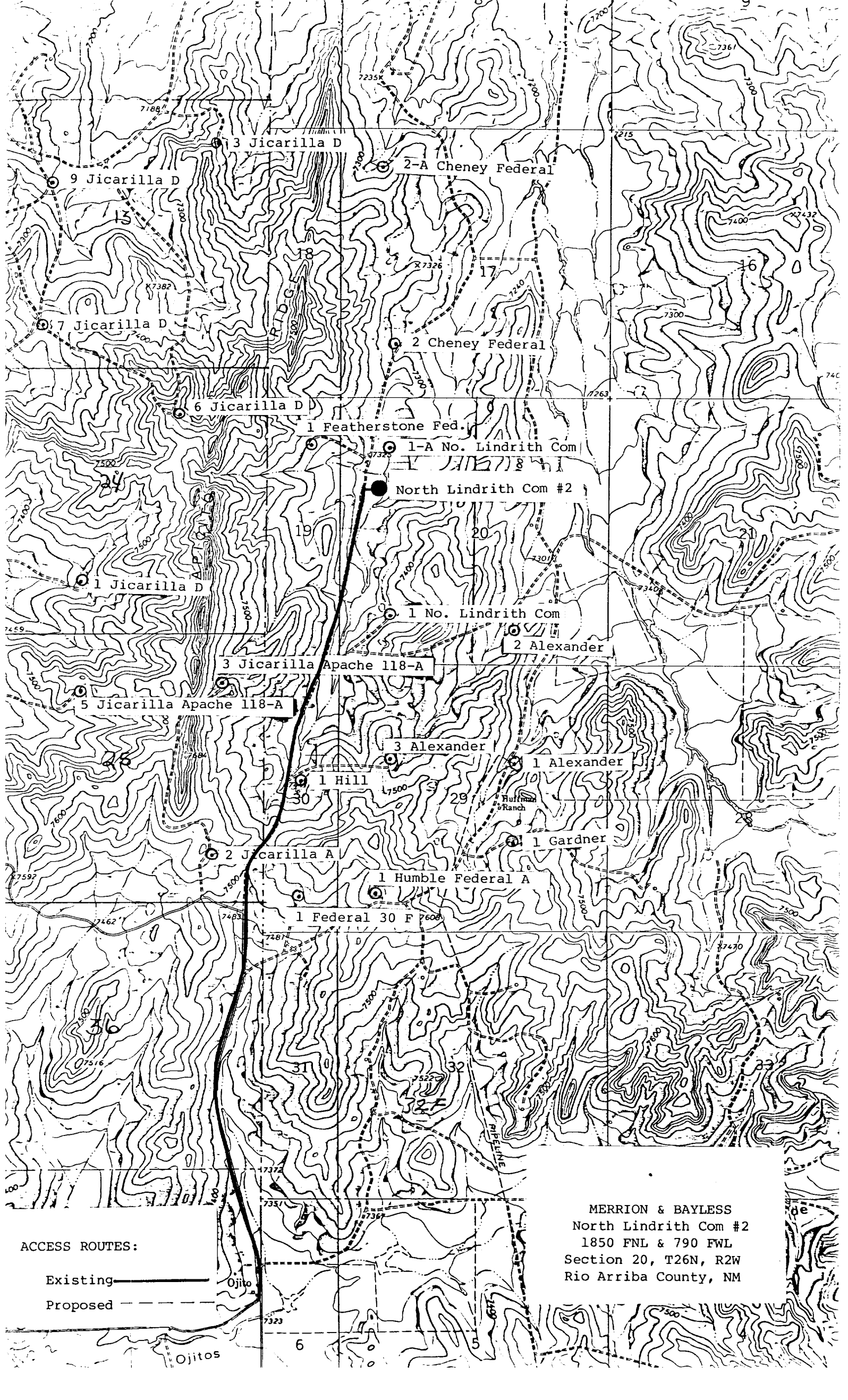
LOCATION AND EQUIPMENT LAYOUT

Shallow Wells

North Lindrith Com #2
NW/4 Section 20, T26N, R2W
Rio Arriba County, New Mexico



Scale: 1" = 30'



ACCESS ROUTES:

Existing —————

Proposed - - - - -

MERRION & BAYLESS
North Lindrith Com #2
1850 FNL & 790 FWL
Section 20, T26N, R2W
Rio Arriba County, NM