

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-22441

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 Wildcat

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

J. Gregory Merriam & Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 507, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

990' FNL & 940' FWL

At proposed prod. zone

same

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

12 Miles North of Counselors

15. DISTANCE FROM PROPOSED*

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

940

16. NO. OF ACRES IN LEASE

480

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

664

19. PROPOSED DEPTH

720

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

6741 GL

22. APPROX. DATE WORK WILL START*

April 1, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6-3/4"	5-1/2"	14#	680	150 sacks

Expect to commence operations 4-1-80. Rotary drill 6-3/4" hole with fresh water gel mud to 680'. Set 5-1/2" casing (used) and cement to surface. Air drill to 720' using bag type blowout preventer. Gas is 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.

SIGNED

J. Gregory Merriam

TITLE

Co-Owner

DATE February 1, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVED
AS AMENDED

APPROVAL DATE

APPROVED BY

JUL 23 1980
James F. Sims
JAMES F. SIMS
DISTRICT ENGINEER

TITLE

DATE

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-107
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

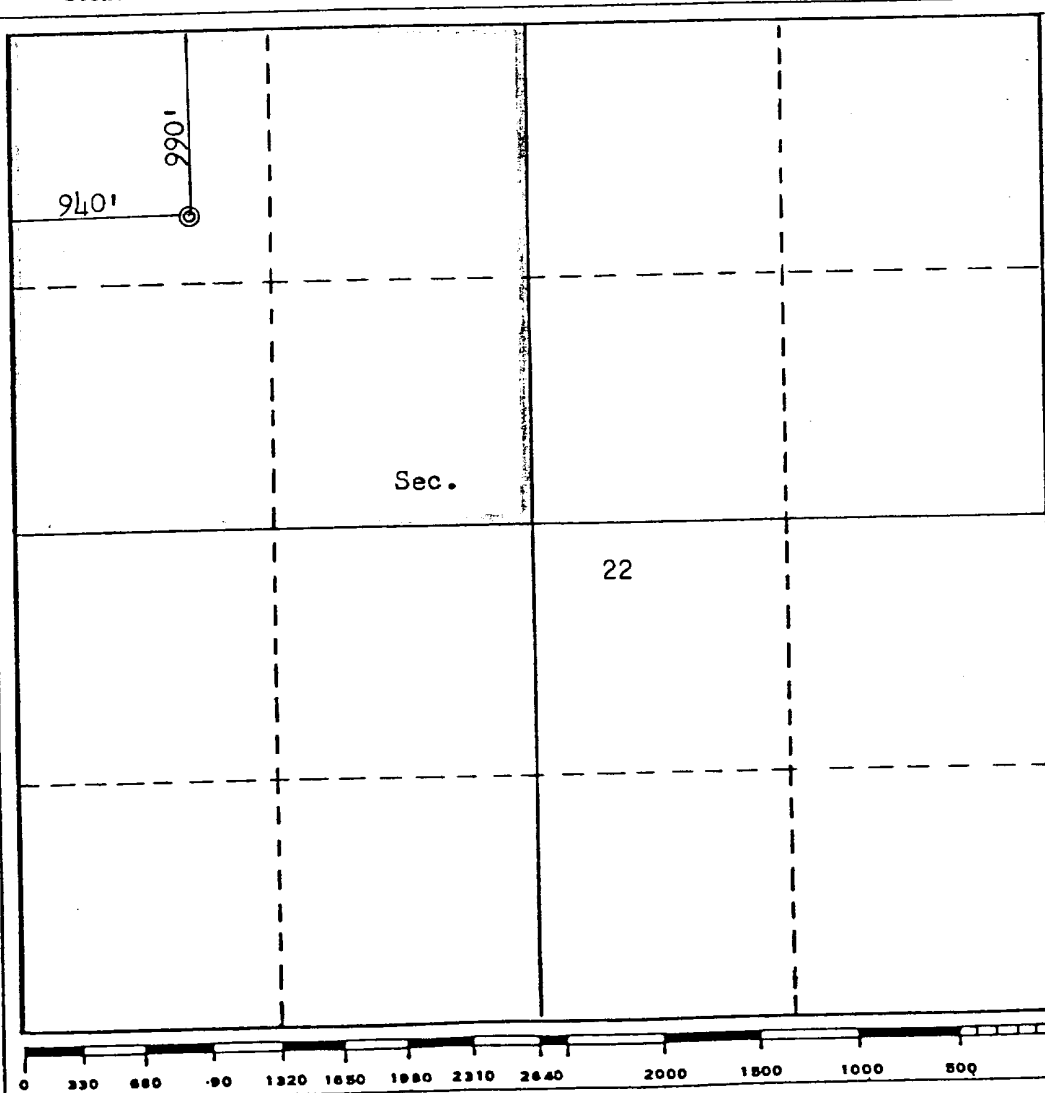
Operator MERRION & BAYLESS			Lease CANYON LARGO UNIT		Well No. 296
Unit Letter D	Section 22	Township 24N	Range 6W	County Rio Arriba	
Actual Footage Location of Well: 990 feet from the North line and 940 feet from the West line					
Ground Level Elev. 6741	Producing Formation Wasatch-San Jose		Pool Wildcat		Dedicated Acreage: 160 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.

Name

J. Gregory Merrion

Position

Co-Venturer

Company

Merrion & Bayless

Date

February 1, 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

October 6, 1979Registered Professional Engineer
and/or Land Surveyor**Fred R. Kerk**

Certificate No.

3956 B**MERR, JR.**

SURFACE USE OPERATIONS PLAN

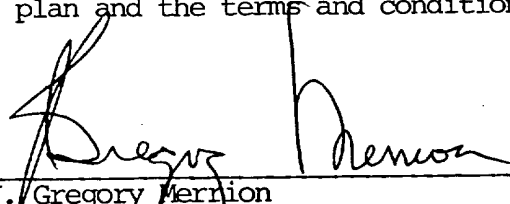
Merrion & Bayless
Canyon Largo Unit #296
Section 22, T24N, R6W
Rio Arriba County, New Mexico

- 1 & 2. A topographical map is attached showing location of drillsite and access roads to location; no new roads. The terrain is relatively flat and no improvements are planned on existing roads.
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 Largo Canyon water holes.
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 materials 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 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: J. Gregory Merrion (505) 325-5093
P.O. Box 507
Farmington, NM 87401
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 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 J. Gregory Merrion and his contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

2-1-80

Date



J. Gregory Merrion
Operator

J. GREGORY MERRION & ROBERT L. BAYLESS
Canyon Largo Unit #296
DRILLING PLAN

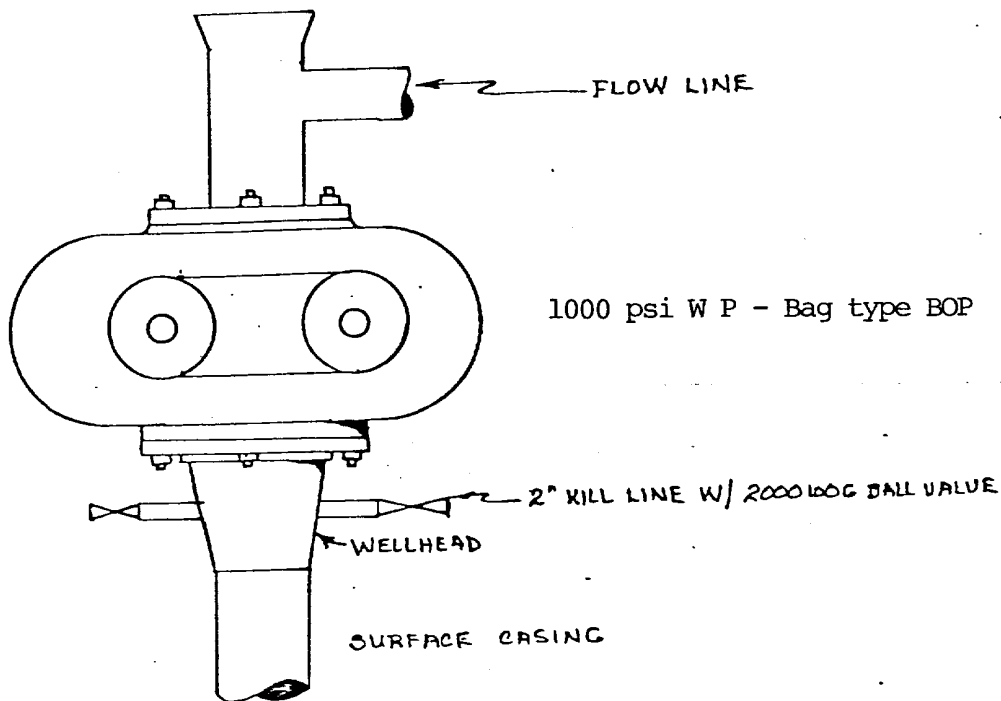
1. Location: 990' FNL & 940' FWL
Section 22, T24N, R6W
Rio Arriba County, New Mexico
2. Elevation: 6741' GL
3. Geologic Name of Surface Formation: Tertiary (Wasatch)
4. Rotary Tools
5. 720'
6. & 7.

	<u>Depth</u>	<u>Content</u>
Tertiary	700	Oil
8. Surface Casing & Production Casing: 5-1/2", J-55, 14#, used casing @ 680'.
9. 5-1/2" to be cemented to surface with 150 sacks Class H cement 2% CACL₂.
10. Schematic of BOP attached. To be tested to 500 PSI before drilling out and closed daily thereafter.
11. Drilling fluid will be fresh water gel with CMC for water loss to 680 casing point. Will air drill to TD
12. No logs or cores. Will test air drilled open hole with air.
13. No abnormal conditions anticipated.
14. Starting date estimated April 1, 1980.
15. No unusual circumstances.

SURFACE WELL CONTROL EQUIPMENT

SCHEMATIC

MERRION & BAYLESS
Canyon Largo Unit #296
990' FNL & 940' FWL
Section 22, T24N, R6W
Rio Arriba County, New Mexico



MERRION~BAYLESS

APPROVED BY:

SCALE: NONE

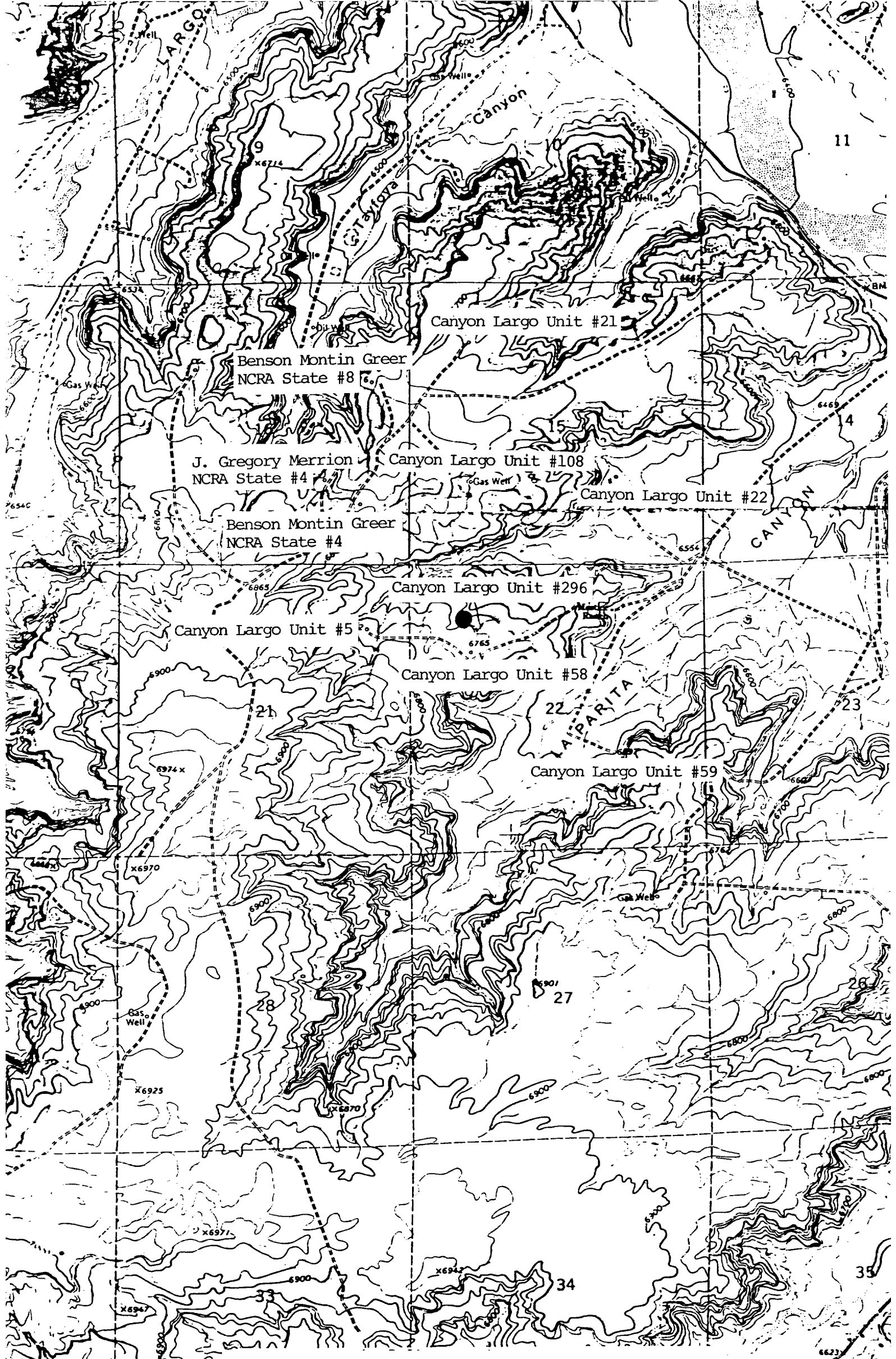
DATE: 8/15/79

DRAWN BY: SSD

REVISED

SCHEMATIC

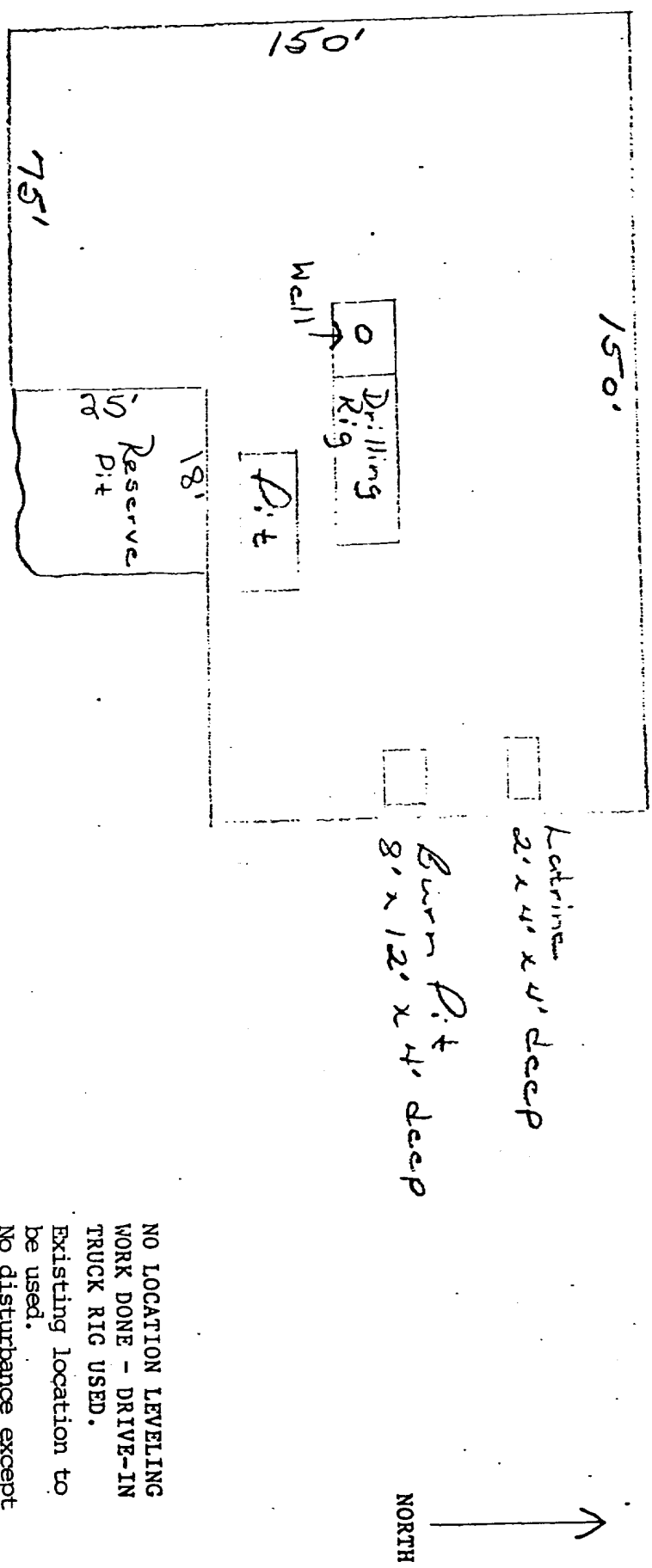
DRAWING NUMBER



Vicinity Map for
MERRION & BAYLESS #296 CANYON LARGO UNIT
990'FNL 940'FWL Sec 22-T2LN-R6W
RIO ARRIBA COUNTY, NEW MEXICO

LOCATION AND EQUIPMENT LAY-OUT

MERRION & BAYLESS
CANYON LARGO UNIT #296
990' ENL. & 940' FWL
Section 22, T24N, R6W
Rio Arriba County, New Mexico



NO LOCATION LEVELING
WORK DONE - DRIVE-IN
TRUCK RIG USED.
Existing location to
be used.
No disturbance except
for pits.