

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, New Mexico 87401

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

At surface

790 FNL and 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 drilg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

1300 ft.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

5991 G.L.

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
7-7/8	5-1/2	15.5	30	10 Sax
4-3/4	2-7/8	6.4	1300	100 Sax

Will drill 7-7/8" hole to 30 ft. and set 30 ft. of 5-1/2", 15.5 lb. casing with 10 sax cement. Will drill 4-3/4" hole to 1300 ft. and run logs. If appears productive, will run 1300 ft. of 2-7/8", 6.4 lb., J-55 casing and cement with 100 sax. Will perforate and stimulate as required.

Note: The gas from this formation 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.

SIGNED

(This space for Federal or State office use)

TITLE

Co-Owner

DATE

March 21, 1977

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

**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.

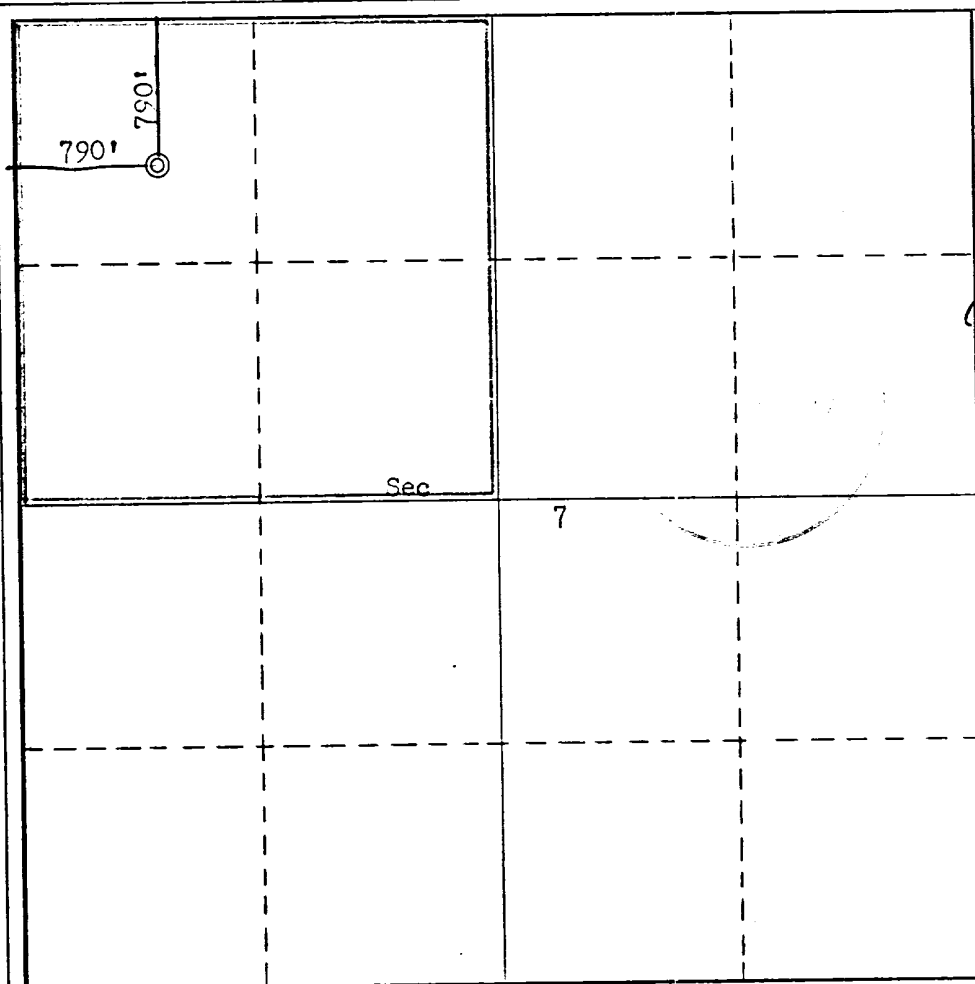
Operator Merrion & Bayless			Lease Chaco		Well No. 4
Unit Letter D	Section 7	Township 26N	Range 12W	County San Juan	
Actual Footage Location of Well: 790 feet from the North line and 790 feet from the West line					
Ground Level Elev. 5991	Producing Formation		Pool	Dedicated Acreage: 156.10 Acres	

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.

Name _____
Position _____
Co-Owner

Company
Merrion & Bayless

Date
March 21, 1977

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
March 18, 1977

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.
3950

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

NTL-6 REQUIREMENTS

CHACO #4

Section 7, T26N, R12W
San Juan County, New Mexico

- 1 & 2. A topographical map is attached showing location of drill site and access roads to location. The terrain is relatively flat and no new roads will be built. A drive-in truck-mounted drilling rig will be used and will be driven in to the location with our road work.
3. Wells within one mile radius are shown on the topographical map.
4. There are no existing or proposed facilities.
5. Water will be hauled from the San Juan River by truck.
6. No construction materials will be used.
7. Drill cuttings will be placed in a pit and covered when dry and location will be cleaned after work on well is completed.
8. No ancillary facilities.
9. Well site layout attached.
10. Restoration of drillsite -- pits will be filled and leveled and area reseeded to BLM specifications.
11. Other information: the drillsite is fairly level, arid land with very little vegetation. 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, New Mexico 87401
Office phone: 325-5093
Home phone: 325-8985

13. Certification:

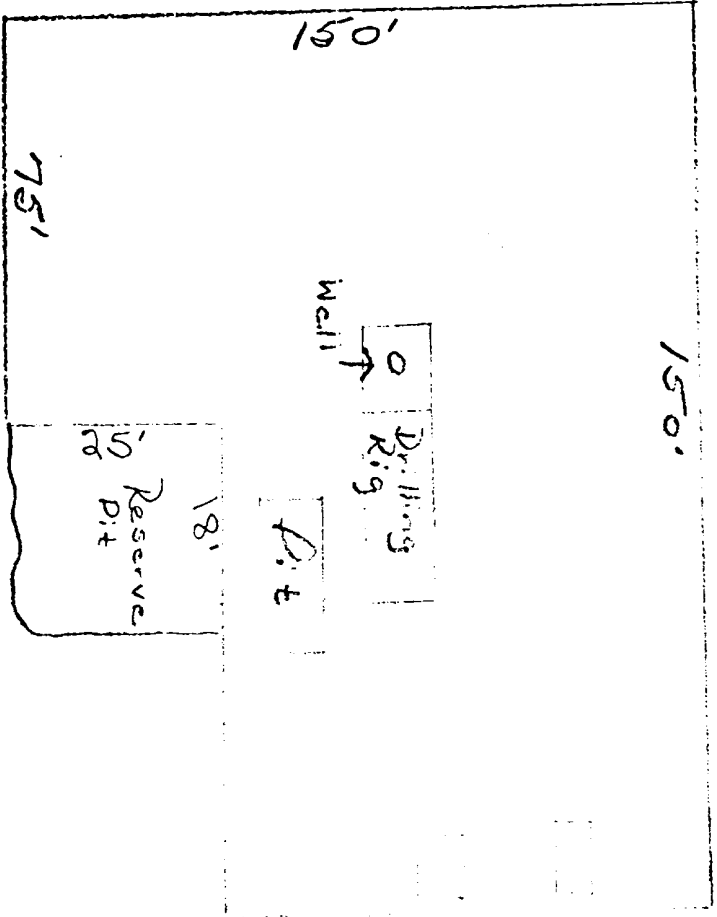
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated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

3-21-77
Date

Robert L. Bayless
Name & Title

LOCATION AND EQUIPMENT LAYOUT

MERRION & BAYLESS
Chaco #4
Section 7, T26N, R12W

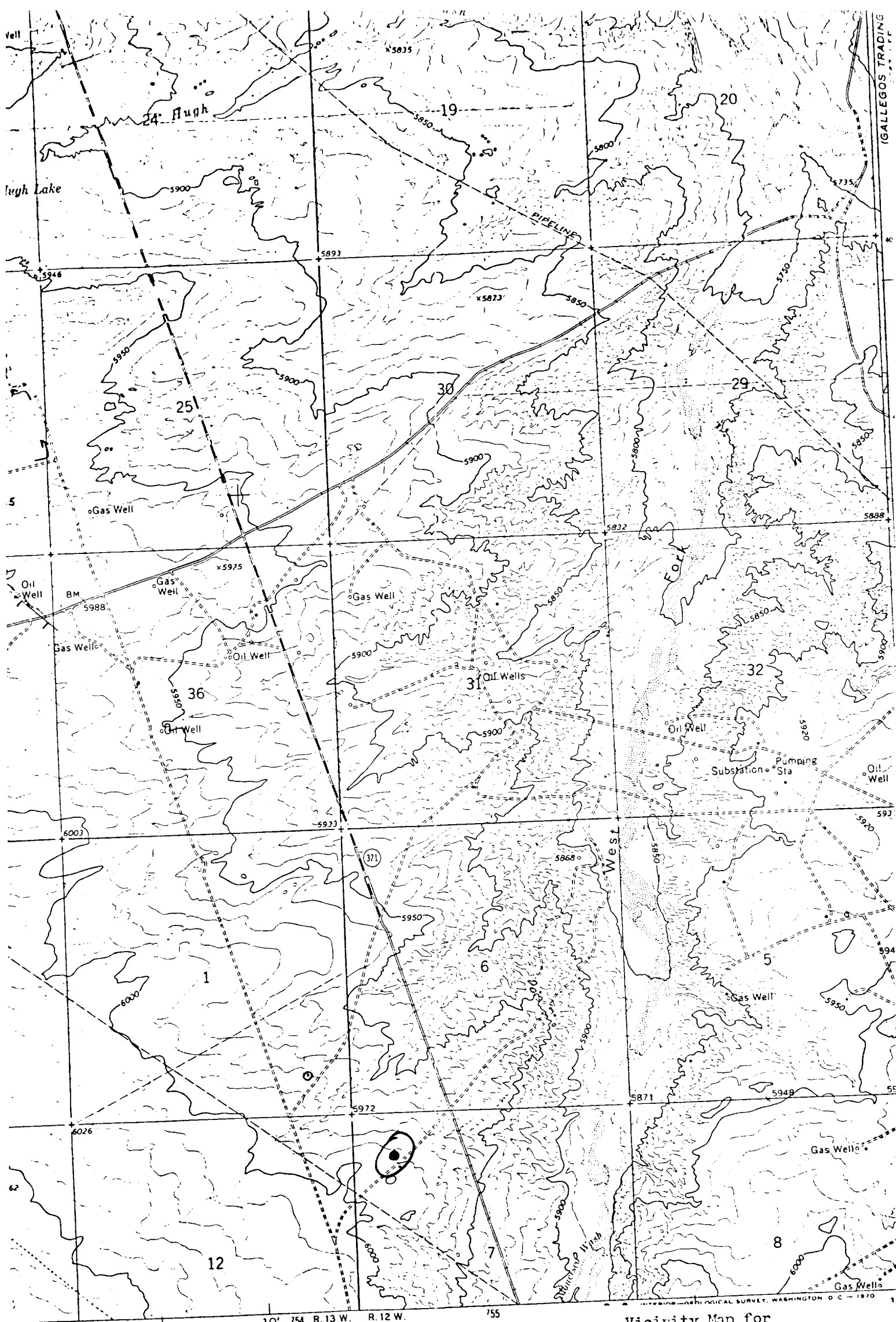


Latrine
2' x 4' x 4' deep

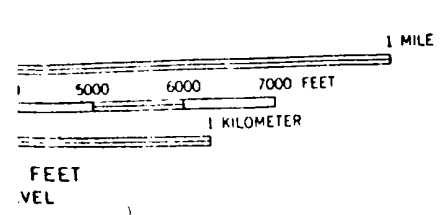
Burn Pit
8' x 12' x 4' deep

NOR →

NO LOCATION LEVELING
WORK DONE - DRIVE-IN
TRUCK RIG USED.



Vicinity Map for
 MERRION & BAYLESS #4 Chaco
 790' FNL 790' FNL Sec 7-T26N-R12W
 San Juan County, New Mexico
 Unimproved unit



○ State Route

HUGH LAKE N.E.