

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-24820

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-5024

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo G

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Unders. Gallup

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 30, T29N, R17W

12. COUNTY OR PARISH 13. STATE

San Juan

New Mexico

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

990' FSL & 1650' FEL

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)

990'

16. NO. OF ACRES IN LEASE

2558.76

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

19. PROPOSED DEPTH

650'

20. ROTARY OR CABLE TOOLS

Rotary

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

5223 GL

22. APPROX. DATE WORK WILL START*

June 20, 1980

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"	20#	40' 60'	30 sacks circulated
6-3/4"	5-1/2"	14#	650'	100 sacks circulated to surface

Will drill 12-1/4" hole to 40' and set 40' of 8-5/8", 20#, J055 used casing with 30 sacks Class H cement. Will Drill 6-3/4" hole to 650' and run 650' of 5-1/2", 14#, limited service used casing and cement with 100 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.

ESTIMATED TOPS

Surface Fromation: Upper Mancos - Salt Water
550': Gallup - Oil

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production 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

TITLE

Operator

DATE

May 30, 1980

(This space for Federal or State use only)

AS AMENDED

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL

DISTRICT ENGINEER

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

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

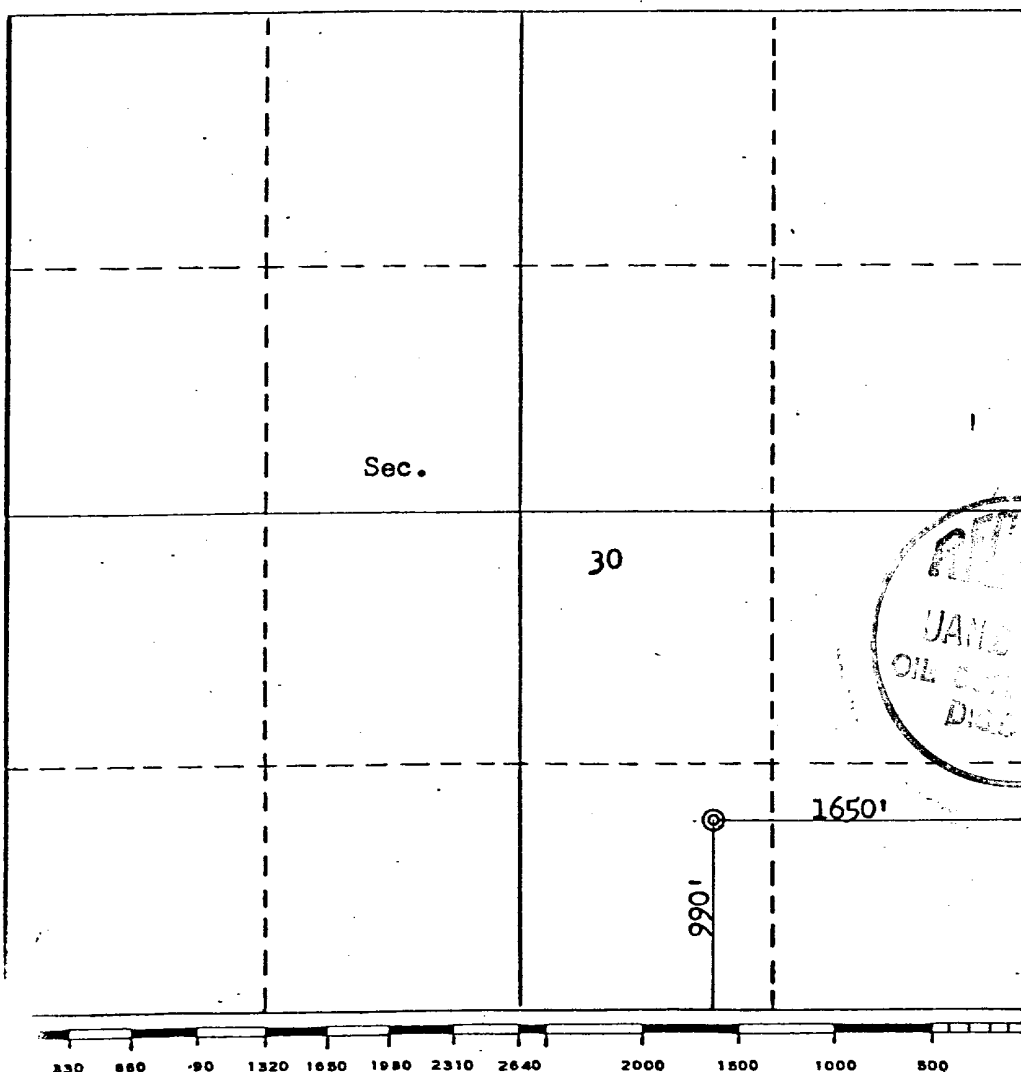
Operator MERRION & BAYLESS		Lease NAVAJO "G"		Well No. 4	
Unit Letter 0	Section 30	Township 29N	Range 17W	County San Juan	
Actual Footage Location of Well:					
990		feet from the South line and		1650 feet from the East line	
Ground Level Elev. 5223	Producing Formation Gallup		Pool Undesignated		Dedicated Acreage: 40.00 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
Robert L. BaylessPosition
Co-OwnerCompany
Merrion & BaylessDate
May 30, 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

March 29, 1980
Registered Professional Engineer
and/or Land Surveyor**Frederick B. Kern**
Certification No. **3950**

SURFACE WELL CONTROL EQUIPMENT

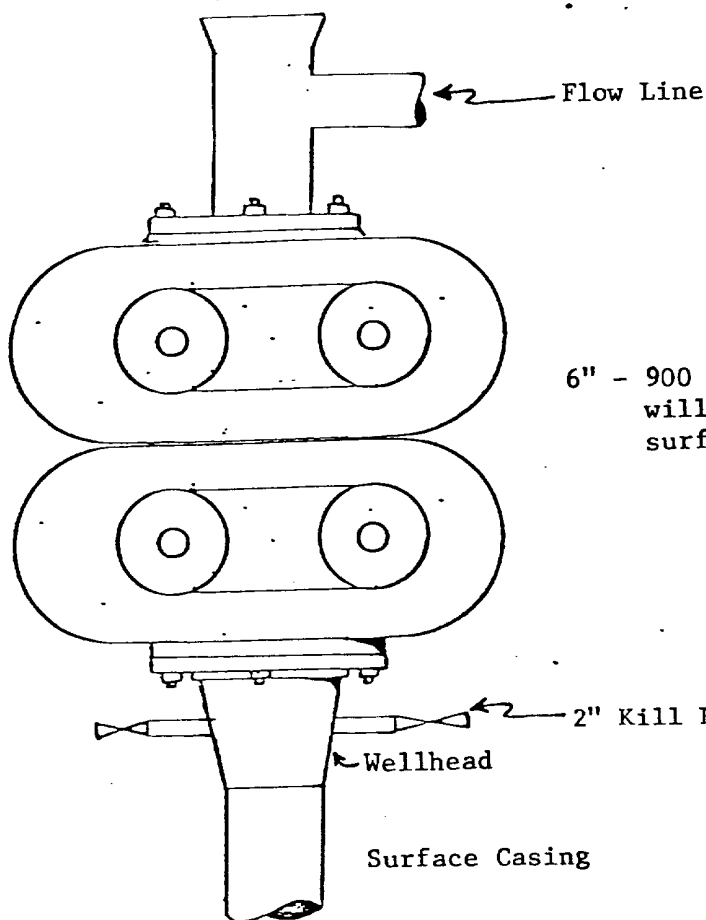
Navajo G #4
 990' FSL & 1650' FEL
 Sec. 30, T29N, R17W
 San Juan County, New Mexico

MERRION~BAYLESS

APPROVED BY:	DRAWN BY:
SCALE:	REVISED:
DATE:	

SCHEMATIC

DRAWING NUMBER



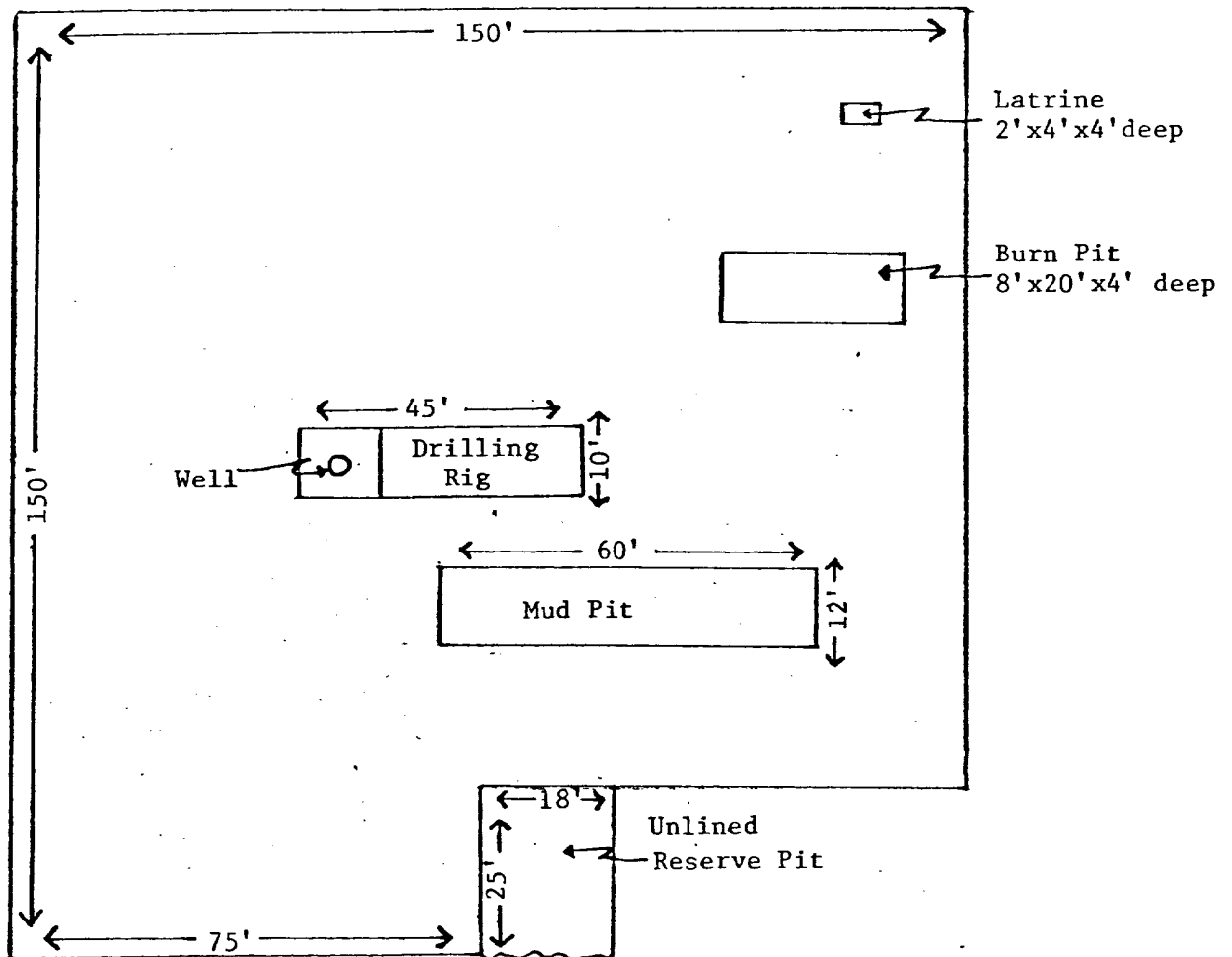
6" - 900 Series Mechanical Double Ram BOP which will be tested to 500 PSIG after setting of surface casing

MERRION & BAYLESS

LOCATION AND EQUIPMENT LAYOUT

Shallow Wells

NAVAJO G #4
990' FSL & 1650' FEL
Sec. 30, T29N, R17W
San Juan County, New Mexico



No location leveling work done; drive-in truck rig used.

Scale: 1" = 30'

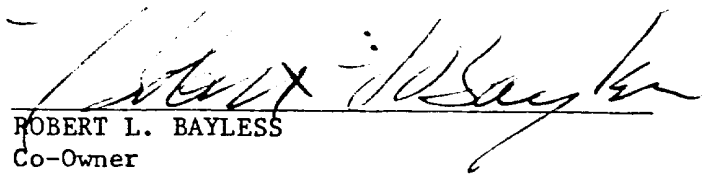
SURFACE USE AND OPERATIONS PLAN

Navajo G #4
990' FSL & 1650' FEL
Sec. 30, T29N, R17W
San Juan County, New Mexico

- 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. 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 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 ^{BIA}~~BLM~~ specifications.
5. A. Water will be hauled from the San Juan River.
B. 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 ^{BIA}~~BLM~~ specifications.
8. No ancillary facilities.
9. Wellsite layout attached.
10. Restoration of drillsite -- pits will be filled and leveled and reseeded per ^{BIA}~~BLM~~ specifications.
11. Other information: The lease is on Navajo Tribal surface land. 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, 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 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.

5-30-80
DATE:


ROBERT L. BAYLESS
Co-Owner
Merrion & Bayless

ACCESS ROUTE:

