

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-085-23586
5. LEASE DESIGNATION AND SERIAL NO.

NM 12235

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 TUBE ☒

MULTIPLE TUBE ☐

2. NAME OF OPERATOR

J. Gregory Merriam and Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 507, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and include coordinates with any State requirements.)

At surface 790 FNL and 1450 FNL

At proposed prod. zone same

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

17 miles south of Farmington

15. DISTANCE FROM NEAREST LOCATION TO NEAREST PROPERTY OR PLACED LINE, FT.

790 ft.

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

2640

16. NO. OF ACRES IN LEASE

1120

19. PROPOSED DEPTH

1420

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

20. TYPE OF CABLE TOOLS

Rotary

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

6208 ft. G.L.

22. APPROX. DATE WORK WILL START*

On or before July 15, 1979

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT LB/FT	SETTING DEPTH	QUANTITY OF CEMENT
9-3/4"	7-5/8"	26.4 lb/ft	30 ft.	10 sacks
6-3/4"	5-1/2"	15.5 lb/ft	950 ft.	
4-3/4"	2-7/8"	6.4 lb/ft	1420 ft.	150 sacks

Will drill 9-3/4" hole to 30 ft. and set 30 ft. of 7-5/8", 26.4 lb./ft. casing with 10 sacks of cement. Will drill 6-3/4" hole to 950 ft. and set 5-1/2", 15.5 lb./ft. casing on Texas pattern shoe for water shut off. Will air drill 4-3/4" hole to 1420 ft.; if appears productive will pull 5-1/2" and run 2-7/8" to bottom and cement. If appears non-productive, will pull 5-1/2" and plug per U. S. G. S. direction.

ESTIMATED TOPS

Formation

Depth

Ojo Alamo

65 ft.

Kirtland

240 ft.

Fruitland

950 ft.

Pictured Cliffs

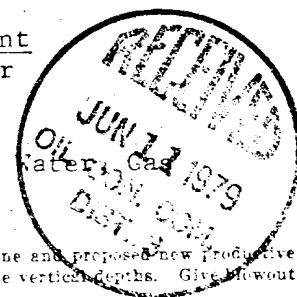
1328 ft.

Content

Water

Salt Water

gas not delineated



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 prevention program, if any.

24.

SIGNED

John A. [Signature]

TITLE

Engineer

DATE

06-05-79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ok [Signature]

*See Instructions On Reverse Side

AMC

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2008
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

Operator MERRION & BAYLESS		Lease SOUTHLAND		Well No. 3
Unit Letter C	Section 10	Township 26N	Range 13W	County San Juan

Actual Footage Location of Well:

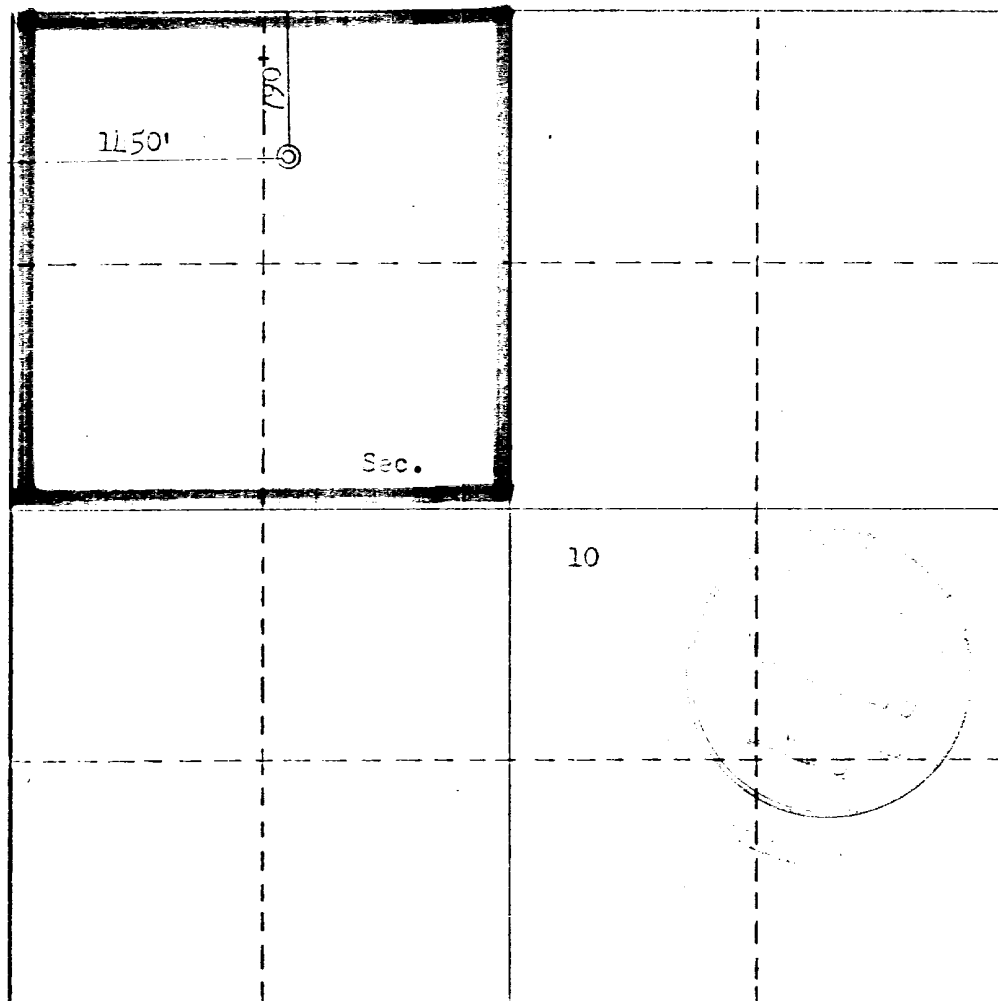
790	feet from the North	Line and 1150	feet from the West	Line
Ground Level Elev. 6203	Producing Formation Pic. Cliffs	Pool WAW Fruitland Pic. Cliffs	Dedicated Acreage: 160 Acres	

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 communization, 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 communization, 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.

Signature
Steven S. Dunn
Position
Engineer
Company
Merrion & Bayless
Date
June 5, 1979

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 1979
Registered Professional Engineer
and/or Land Surveyor
3950
Fred. Kerr, Jr.
Certificate No. **KERR, JR.**

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

3950

MERRION & BAYLESS
Southland #3
Section 10, T26N, R13W
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 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 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 lease is on Navajo Tribal surface land. The drillsite is fairly level, arid land and 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 (505) 325-5093
P. O. Box 1541
Farmington, NM 87401
13. Certification:

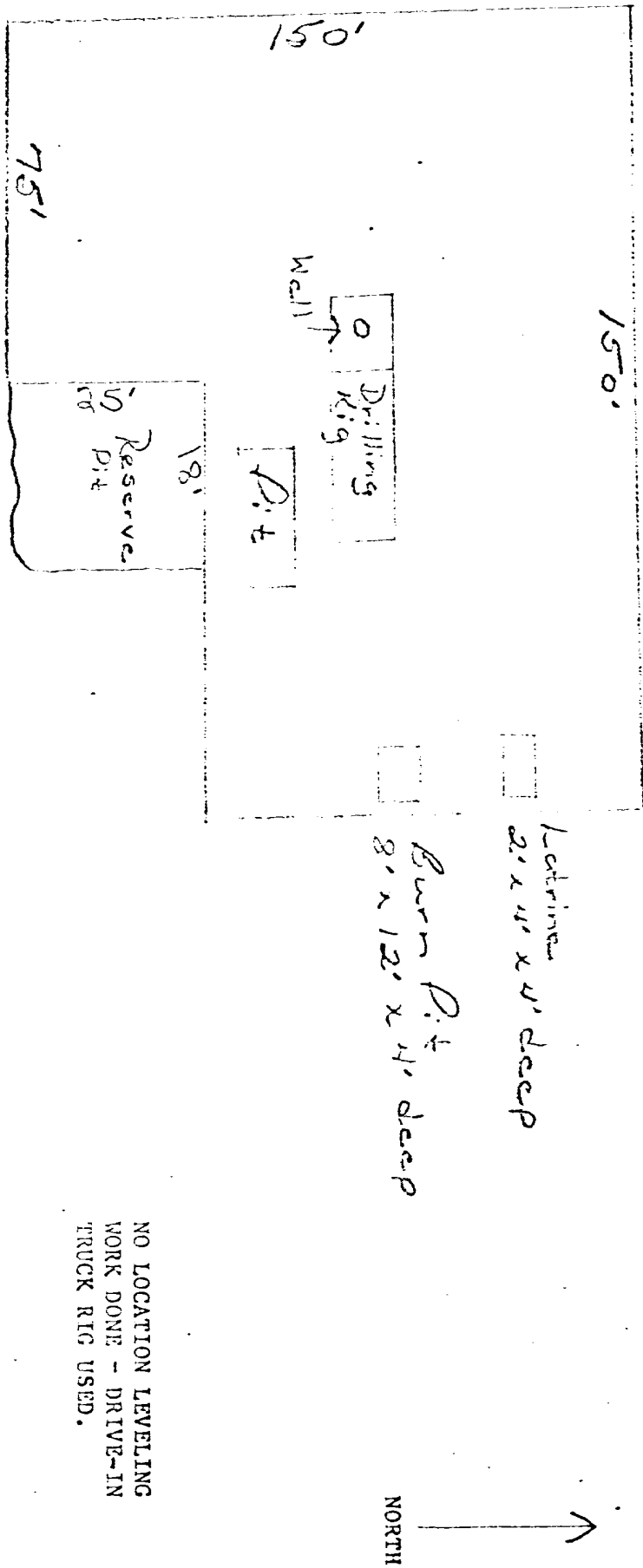
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated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

6-5-79

Robert L. Bayless
ROBERT L. BAYLESS

LOCATION AND EQUIPMENT LOG

MERRION & BAYLESS
Southland #3
Section 10, T26N, R13W
San Juan County, New Mexico



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

#1 Ross Federal •
#1-Y Monticello
#1 Monticello
#1 Bartlesville
#1 State
Southland #1
Southland #2
#2 State
Proposed Southland #3
Proposed Southland #4

#4 Foster

MERRION & BAYLESS
Southland #3
790 FNL & 1450 FWL
Section 10, T26N, R13W
San Juan County, New Mexico