

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

Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 1541, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with applicable requirements.)

At surface

790/FSL & 790/FWL

At proposed prod. zone

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 drlg. 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

320

19. PROPOSED DEPTH

1450'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

6160' GL

22. APPROX. DATE WORK WILL START\*

ASAP

23. GENERAL CASING AND CEMENTING PROGRAM

This action is subject to administrative  
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9"	7"	23#	90'	29.5 ft <sup>3</sup> Class B, circ. to surf.
6 1/4"	2-7/8"	6.5#	1450'	245 ft <sup>3</sup> Class B w/2% D-79 followed by 101 ft <sup>3</sup> 50-50 pozmix, 2% gel, 10% salt, circ. to surface.

Will drill 12 1/4" hole to 90' and set 90' of 7", 23#/ft., K-55 used casing with 29.5 ft<sup>3</sup> Clas B cement, circ. to surface. Will drill 6 1/4" hole to 1450' and run 1450' of 2-7/8", 6.5#/ft. K-55 EUE, used casing and cement with 245 ft<sup>3</sup> Class B cement w/2% D-79 followed by 101 ft<sup>3</sup> 50-50 pozmix, 2% gel, 10% salt, circ. 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. The gas from this formation is not dedicated.

ESTIMATED TOPS: Nacimiento - Surface  
Ojo Alamo Base - 50' Est.  
Fruitland - 970'  
Pictured Cliffs - 1204'  
T.D. - 1450'

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

TITLE Operator

DATE May 31, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

DATE

JUN 07 1983  
JAMES F. SIMS  
DISTRICT ENGINEER

RECEIVED  
JUN 2 1983  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

RECEIVED  
JUN 8 1983  
OIL CON. DIV  
DISTRICT

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

Operator <b>R. L. BAYLESS</b>		Lease <b>BLACK HILLS</b>		Well No. <b>1</b>
Unit Letter <b>M</b>	Section <b>25</b>	Township <b>26N</b>	Range <b>13W</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>790</b> feet from the <b>South</b> line and <b>790</b> feet from the <b>West</b> line				
Ground Level Elev. <b>6160</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>WAW FAT-PC EXT. Pic. Cliffs-Wildcat</b>	Dedicated Acreage: <b>160</b> 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.

Sec.		<div style="text-align: center;"> </div>	
25		<div style="text-align: center;"> </div>	
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CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
**Robert L. Bayless**  
Position  
**Petroleum Engineer**  
Company  
**Robert L. Bayless**  
Date  
**May 31, 1983**

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 26, 1983**  
Registered Professional Engineer and Land Surveyor  
**Fred B. Kerr Jr.**  
Certificate No. **4282**  
**1050**

