

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐
Possible

B. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Robert L. Bayless

Merwin Oil & Gas

3. ADDRESS OF OPERATOR

P.O. Box 1541, Farmington, NM 87499

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

At surface

790' FNL & 990' 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 drlg. unit line, if any)

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

16. NO. OF ACRES IN LEASE

800

19. PROPOSED DEPTH

5950'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

ASAP

21. ELEVATIONS (Show whether DF, RT, GR, DIST 3)

6685' 6660' G.L.

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS AND CEMENTING PROGRAM"

This action is subject to administrative

appeal pursuant to 30 CFR 250.1

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12 1/4"	8-5/8"	20#	200'	124 ft ³ circulated to surface
7-7/8"	4 1/2"	10.5#	5950'	1651 ft ³ to cover Ojo Alamo

Will drill 12 1/4" hole to 200' and set 200' of 8-5/8", 20#/ft. K-55 casing and cement with 124 ft³ Class B w/2% CaCl₂. Cement will be circulated to surface. Will drill to 5950' and log well. If well appears productive, will run 5950' of 4 1/2", 10.5#/ft. K-55 new casing and stage cement. First stage will cement as follows: 386 ft³ of 50-50 pozmix w/2% gel & 10% salt to cover Gallup formation. Estimated top of cement is 4800'. Will set stage collar at 4800'. Second stage cement as follows: 824 ft³ Class B cement with 2% econofil followed by 441 ft³ of 50-50 pozmix w/2% gel & 10% salt to cover the Ojo Alamo formation. Estimated top of cement is 1000'. Will perforate and stimulate well as required. A possible multiple zone completion is anticipated in the Menefee and Gallup formations if productive. No abnormal pressures or temperatures are anticipated. Circulation medium will be clear water, natural mud, and water loss additives. Blowout preventer schematic is attached. The gas from this formation is dedicated.

ESTIMATED TOPS: Ojo Alamo - 1594' Pic. Cliffs - 2240' Pt. Lookout - 4501'
Kirtland - 1749' Cliffhouse - 3772' Gallup - 5551'
Fruitland - 2019' Menefee - 3848' T. D. - 5950'

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 *Robert L. Bayless* TITLE Operator

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED

1984

AS AMENDED

AUG 30 1984

DATE

FARMINGTON, NEW MEXICO

NMOCC

*See Instructions On Reverse Side

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

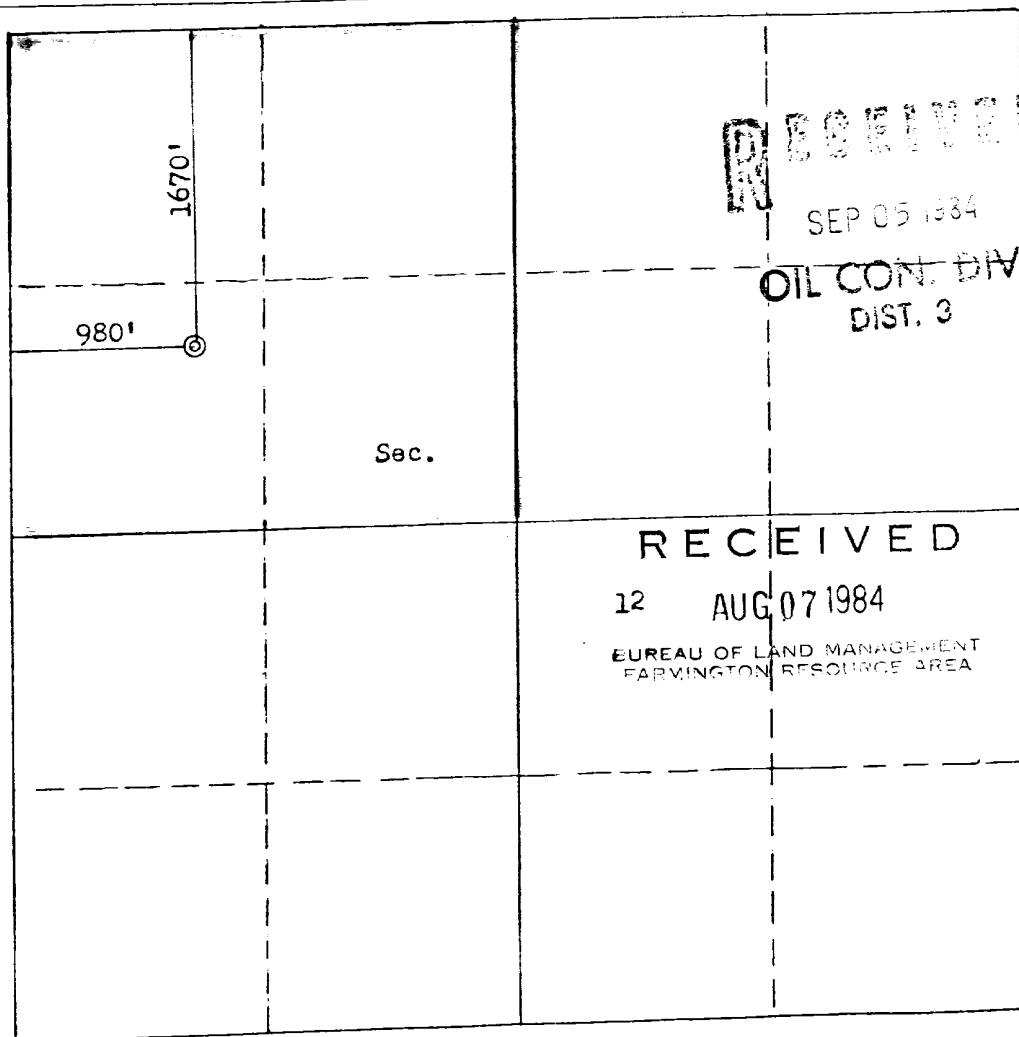
Operator R. L. BAYLESS		Lease DASHKO		Well No. 4	
Unit Letter E	Section 12	Township 24N	Range 7W	County Rio Arriba	
Actual Footage Location of Wells 1670 feet from the North line and 980 feet from the West line					
Ground Level Elev. 6685	Producing Formation Gallup		Pool Devils Fork Gallup		Dedicated Acreage 160 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.



Scale: 1"=1000'

CERTIFICATION

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

Kevin H. McCord
Name

Kevin H. McCord
Position

Petroleum Engineer

Company

Robert L. Bayless

Date
8-1-84

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
July 20, 1984

Registered Professional Engineer and Land Surveyor

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

Certificate No. 4222
3950

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-G135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. NM 03010
2. NAME OF OPERATOR Robert L. Bayless	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 1541, Farmington, NM 87499	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1670' FNL & 980' FWL	8. FARM OR LEASE NAME John S. Dashko
	9. WELL NO. #4
	10. FIELD AND POOL, OR WILDCAT Devils Fork Gallup
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12, T24N, R7W
14. PERMIT NO.	12. COUNTY OR PARISH
	13. STATE NM
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 6685 G.L.	

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) Change of location & T.D.

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Moved location from 790' FNL & 990' FWL Sec. 12, T24N, R7W TO 1670' FNL & 980' FWL Sec. 12, T24N, R7W. Change in elevation from 6660' G.L. to 6685' G.L.

New Estimated Tops: Ojo Alamo - 1619' Pic. Cliffs - 2265' Pt Lookout - 4526'
Kirtland - 1774' Cliffhouse - 3797' Gallup - 5576'
Fruitland - 2044' Menefee - 3873' T.D. - 5975'

No significant changes in casing and cementing program expected.

Changed due to geological requirements

RECEIVED
SEP 05 1984
OIL CON. DIV.
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED

Kevin A. Milled

TITLE Petroleum Engineer

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

NMOCC

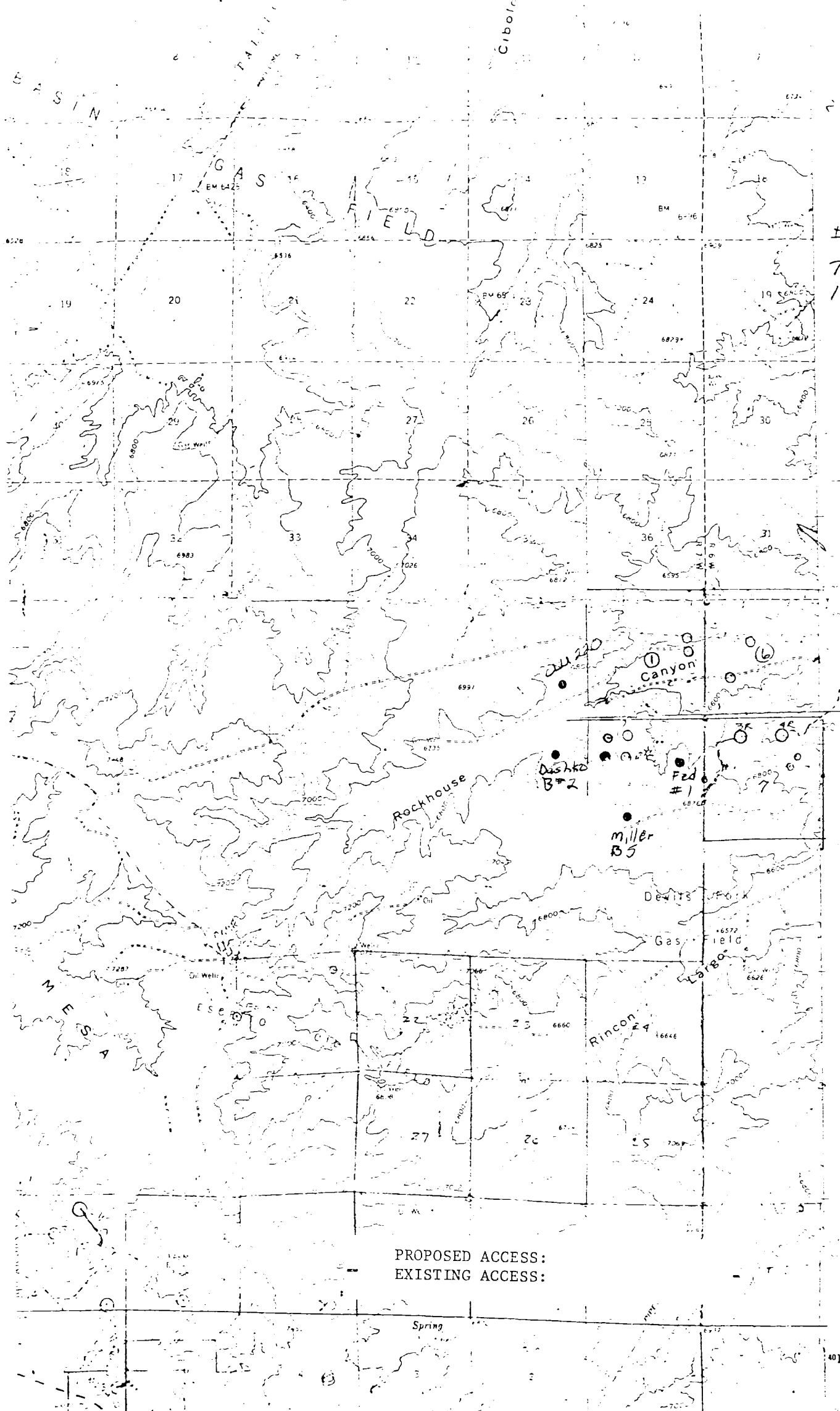
*See Instructions on Reverse Side

APPROVED

DATE 8-1-84

AUG 30 1984

AREA MANAGER
FARMINGTON RESOURCE AREA



#1 Jalapa
790N 1650E
16-25-8
15:00Y.

PROPOSED ACCESS:
EXISTING ACCESS:

Vicinity Map for
R. L. BAYLESS #4 DASHKO
1670'FNL 980'FWL Sec. 12-T24N-R7W
RIO ARriba COUNTY, NEW MEXICO

State Route

1670'FNL 980'FWL