

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 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 1100' FSL & 790' FWL  
At proposed prod. zone 790' same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
1

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE  
2560

17. NO. OF ACRES ASSIGNED TO THIS WELL  
160

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

19. PROPOSED DEPTH  
3200 ft.

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
-6900' GL 6897

22. APPROX. DATE WORK WILL START\*  
June 15, 1982

5. LEASE DESIGNATION AND SERIAL NO.  
Contract 41

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Jicarilla 41 B

9. WELL NO.  
1

10. FIELD AND, POOL, OR WILDCAT  
West Lindroth Gallup, Dakota  
South Blanco Pie. Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 31, T25N, R4W

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
N.M.

## 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#	120 ft.	75 sacks, circulated to surface
6-3/4"	2-7/8"	6.5#	3200 ft.	150 sacks
7 7/8"	4 1/2"	11.6#	7950	1175 sacks

Will drill 12-1/4" hole to 120 ft. and set 120 ft. of 8-5/8", 20# new casing with 75 sacks of Class "B" cement (2% CaCl). Will drill 6-3/4" hole to 3200 ft. to test Pictured Cliffs formation. After logging will run 3200 ft. of 2-7/8", EUE, 6.5#, J-55 used casing and cement with 150 sacks Class "B" cement. Circulating medium will be clear water, natural mud and water loss control additives. No abnormal pressures or temperatures are anticipated. Blowout preventer schematic is attached. The gas from this formation is dedicated to a gas contract.

## ESTIMATED TOPS

Surface Formation: Clays & Sand  
Kirtland: 2700 ft.  
Fruitland: 2900 ft.  
Pictured Cliffs: 3047 ft.

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 DATE May 13, 1982  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

oh7

JUN 07 1982  
Elliott

NMCCC

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-78

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

Operator <b>Robert L. Bayless</b>			Lease <b>Jicarilla 41</b>		Well No. <b>B-1</b>
Unit Letter <b>M</b>	Section <b>31</b>	Township <b>25 North</b>	Range <b>4 West</b>	County <b>Rio Arriba</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>6897</b>	Producing Formation <b>Dakota</b>	Pool <b>West Lindrith Gallup/Dakota</b>		Dedicated Acreage: <b>160</b> 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 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 Division.

## CERTIFICATION

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

Name

Kevin H. McCord

Position

Petroleum Engineer

Company

Robert L. Bayless

Date

May 28, 1982

I hereby certify that the well location shown on this plat was obtained 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 7, 1982

Registered Professional Engineer  
and/or Land Surveyor

*Edgar L. Risenhoover*  
Certificate No. 5979

Edgar L. Risenhoover, L.S.

293

R 5 W

R 4 W

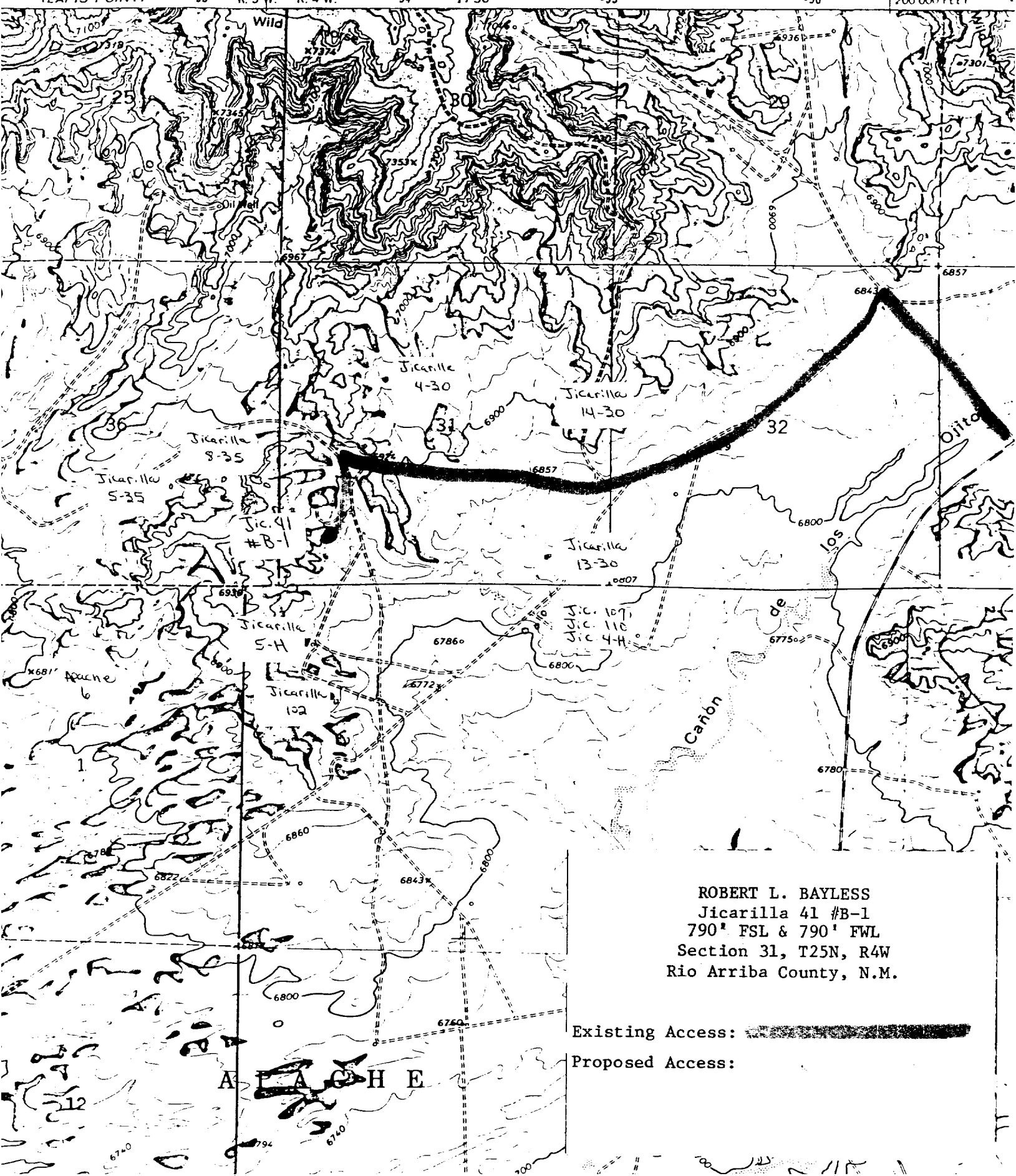
294

17'30"

295

296

1 200 000 FF FF



ROBERT L. BAYLESS  
Jicarilla 41 #B-1  
790' FSL & 790' FWL  
Section 31, T25N, R4W  
Rio Arriba County, N.M.

Existing Access: [REDACTED]

**Proposed Access:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐

2. NAME OF OPERATOR  
Robert L. Bayless

3. ADDRESS OF OPERATOR  
P.O. Box 1541, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 790' FSL & 790' FWL  
AT TOP PROD. INTERVAL: same  
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) Amend APD dated 05-13-82

SUBSEQUENT REPORT OF:

☐

☐

☐

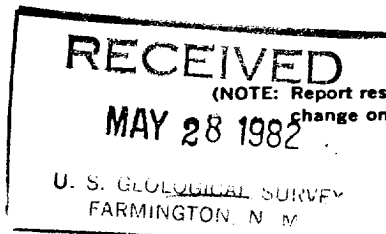
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5. LEASE  
Contract 41

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Jicarilla 41 B

9. WELL NO.  
4-1

10. FIELD OR WILDCAT NAME  
West Lindrith Gallup/Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 31, T25N, R4W

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
N.M.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6897' GL

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.\*

Request permission to drill a Dakota test well with the following amendments:

1. Location to 790' FSL & 790' FWL (new plat attached)
2. Field to West Lindrith Gallup/Dakota
3. Elevation to 6897 ft. GL
4. Paragraph 1 & 2 of 13-Point Letter: approximately 1000 ft. of new road is anticipated (new topo attached)
5. TD to 7950 ft.
6. Deeper estimated tops: Mesa Verde - 4647 ft.  
Gallup - 6350 ft.  
Dakota - 7452 ft.

Subsurface Safety Valve: Manu. and Type

Set @

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

SIGNED Kevin H. McQuinn TITLE Petrol. Engineer DATE May 28, 1982

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE DATE

\*See Instructions on Reverse Side

NMOCC



JUN 07 1982  
Elliott  
for

Robert L. Bayless  
Jicarilla 41 #B-1  
SW/4 Sec. 31, T25N, R4W  
Rio Arriba County, N.M.  
Page 2

7. Casing program to:

12-1/4" hole	8-5/8" casing	20#/ft.	<del>120 ft.</del>	75 sacks, circulated to surface
7-7/8" hole	4-1/2" casing	11.6#/ft.	7950 ft.	1175 sacks

Will set D.V. tool @ 4500 ft.

1st stage: 150 sacks Class "B" with 2% econofil followed by  
400 sacks Class "B" neat cement.  
2nd Stage: 275 sacks Class "B" with 2% econofil followed by  
350 sacks Class "B" neat cement.