

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

1000' FNL & 790' 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, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

7123' GL 7118'

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#	120 ft.	75 sacks, circulated to surface
6-3/4"	2-7/8"	6.5#	3650 ft.	150 sacks
7 1/2"	4 1/2"	11 1/2#	3650 ft.	1200 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 3650 ft. to test Pictured Cliffs formation. After logging will run 3650 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: 3175 ft.

Fruitland: 3250 ft.

Pictured Cliffs: 3530 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

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:

1111 1111 1111 1111

JUN 04 1982

NMOCC

OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-102
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

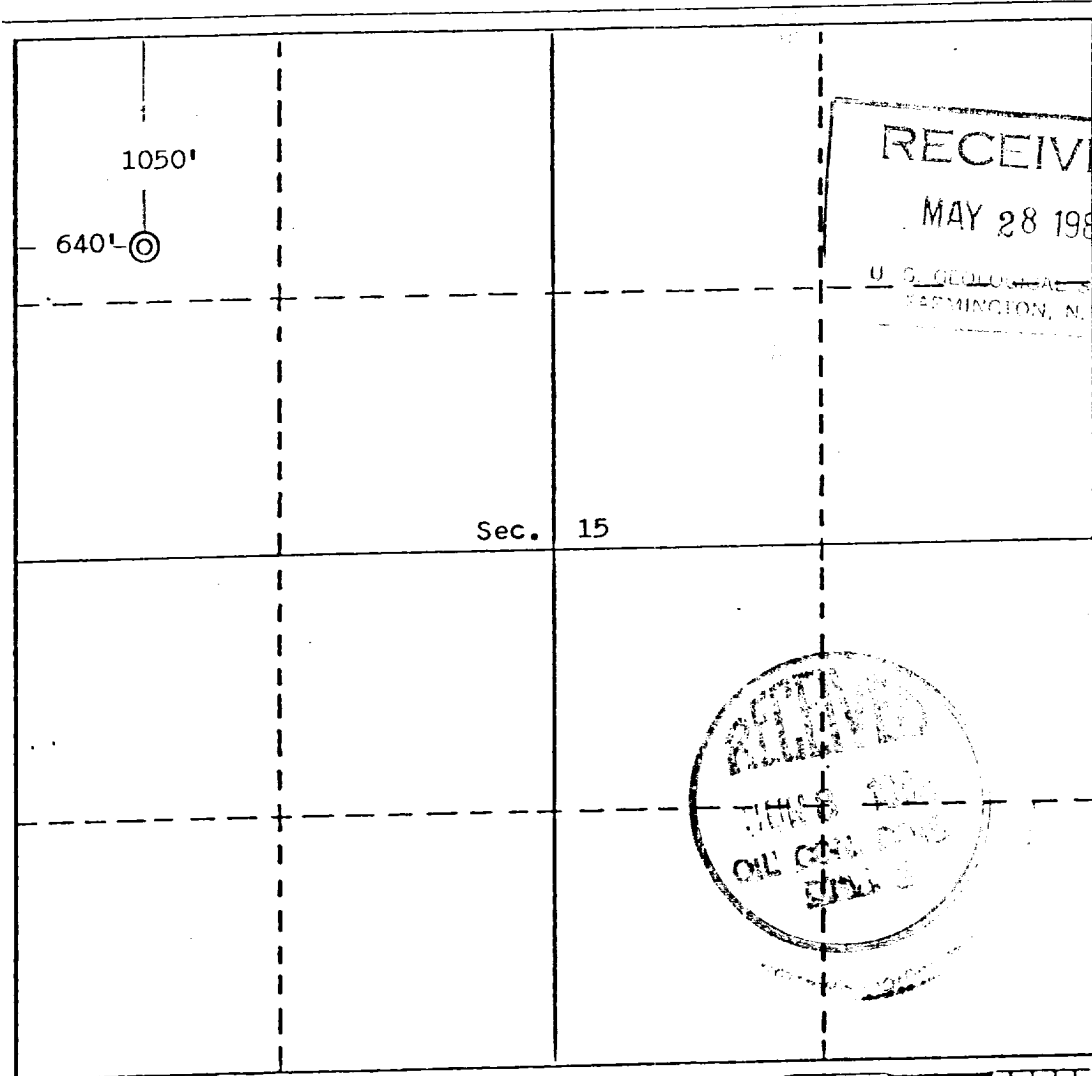
Operator Robert L. Bayless		Lease Jicarilla 65		Well No. B-1
Unit Letter D	Section 15	Township 25 North	Range 4 West	County Rio Arriba
Actual Footage Location of Well: 1050 feet from the North line and 640 feet from the West line				
Ground Level Elev. 7118	Producing Formation Dakota	Pool West Lindrith Gallup/Dakota	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 Division.



CERTIFICATION

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

Kevin H. McCord

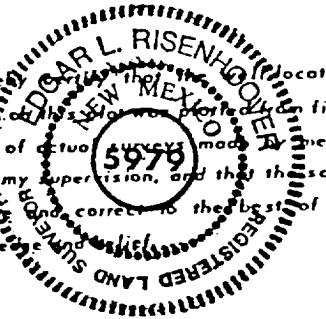
Name
Kevin H. McCord

Position
Petroleum Engineer

Company
Robert L. Bayless

Date
May 28, 1982

I hereby certify that the location shown on this plat was properly noted 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.

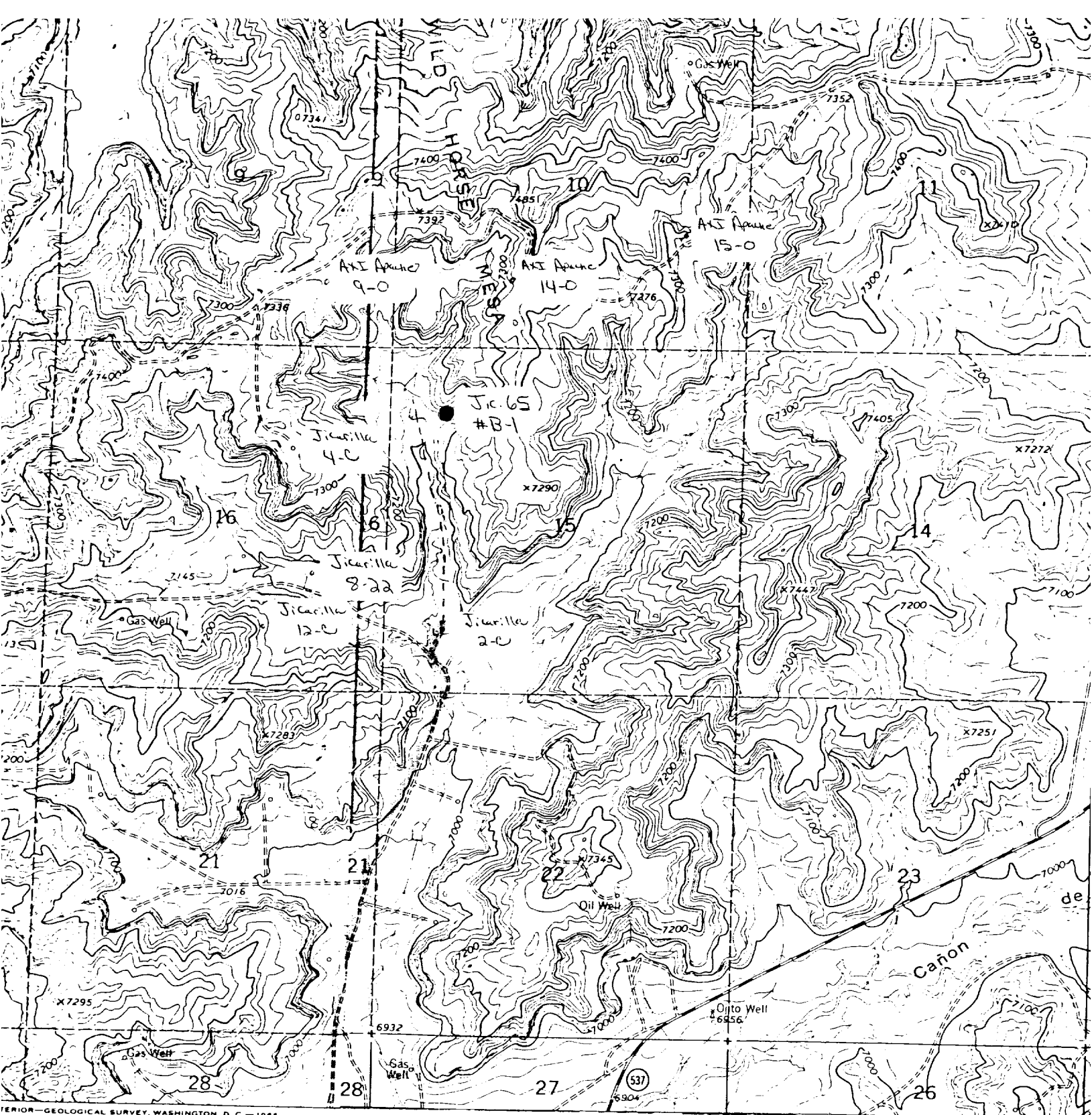


Date Surveyed
May 27, 1982

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979
Edgar L. Risenhoover, L.S.



INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. — 1963

10

301

ROAD CLASSIFICATION

Unimproved dirt

R. L. Bayless
Box 15-1
Farmington, N. M.

LAPIS POINT, N. MEX
N3622 5-W10715/7.5

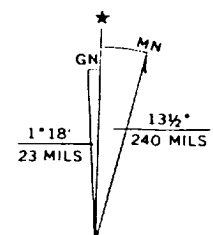
1963

ROBERT L. BAYLESS
Jicarilla 65 #B-1
1000' FNL & 790' FWL
Section 15, T25N, R4W
Rio Arriba County, N.M.

Existing Access:

Proposed Access:

Upgraded Existing Pipeline Trail:



UTM GRID AND 1963 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

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 ☒ gas ☐
well 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: 1050' FNL & 640' FWL
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

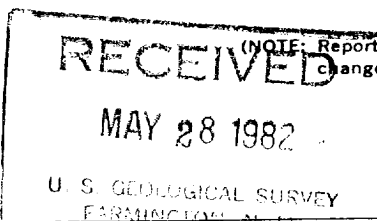
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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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☐
☐
☐
☐



(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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 1050' FNL & 640' FWL (new plat attached)
2. Field to West Lindrith Gallup/Dakota
3. Elevation to 7118' GL
4. TD to 8300 ft.
5. Deeper estimated tops: Mesa Verde - 5300 ft.
Gallup - 6915 ft.
Dakota - 7780 ft.



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Wm H. McCloud 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 04 1982
Elliot

Robert L. Bayless
Jicarilla 65 #B-1
NW/4 Section 15, T25N, R4W
Rio Arriba County, N.M.
Page 2

6. Casing program to:

12-1/4" hole 8-5/8" casing 20#/ft. ~~120 ft.~~ 75 sacks, circulated
to surface

7-7/8" hole 4-1/2" casing 11.6#/ft. 8300 ft. 1200 sacks cement

Will set D.V. tool at 5000 ft.

1st stage: 150 sacks Class "B" with 2% econofil followed by
350 sacks Class "B" neat cement

2nd stage: 300 sacks Class "B" with 2% econofil followed by
400 sacks Class "B" neat cement.