

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: James L. Ludwick

3. ADDRESS OF OPERATOR: P.O. Box 70
Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.):
At surface: 800' FSL, 1520' FEL
At proposed prod. zone: same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*:
10 miles northeast Councilor's, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any): 800'

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.: 1200'

19. PROPOSED DEPTH: 2400 PC

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6592 GR.

22. APPROX. DATE WORK WILL START*: 11-25-1981

5. LEASE DESIGNATION AND SERIAL NO.: Jicarilla Contract #12

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Jicarilla Tribe

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Jicarilla

9. WELL NO.: 44J

10. FIELD AND POOL, OR WILDCAT: Ballard Pictured Cliffs

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA: Sec. 28, T24N, R5W

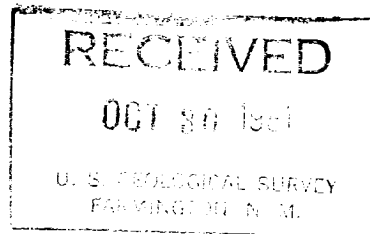
12. COUNTY OR PARISH: Rio Arriba

13. STATE: New Mexico

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
3 3/4	7	24#	100'	100 sx circ.
6 1/4	2 7/8	6.5#	2400'	200 sx

See NTL-6 Attachments

Gas is dedicated: EPNG



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: *Frank L. Kennedy* TITLE: Agent DATE: 10-26-1981
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE
APPROVED BY: *Raymond A. [illegible]* TITLE: *ACE [illegible]* DATE: *Nov 1981*
CONDITIONS OF APPROVAL, IF ANY:

Hand 2000 for operations change on common gas to

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

All distances must be from the outer boundaries of the Section

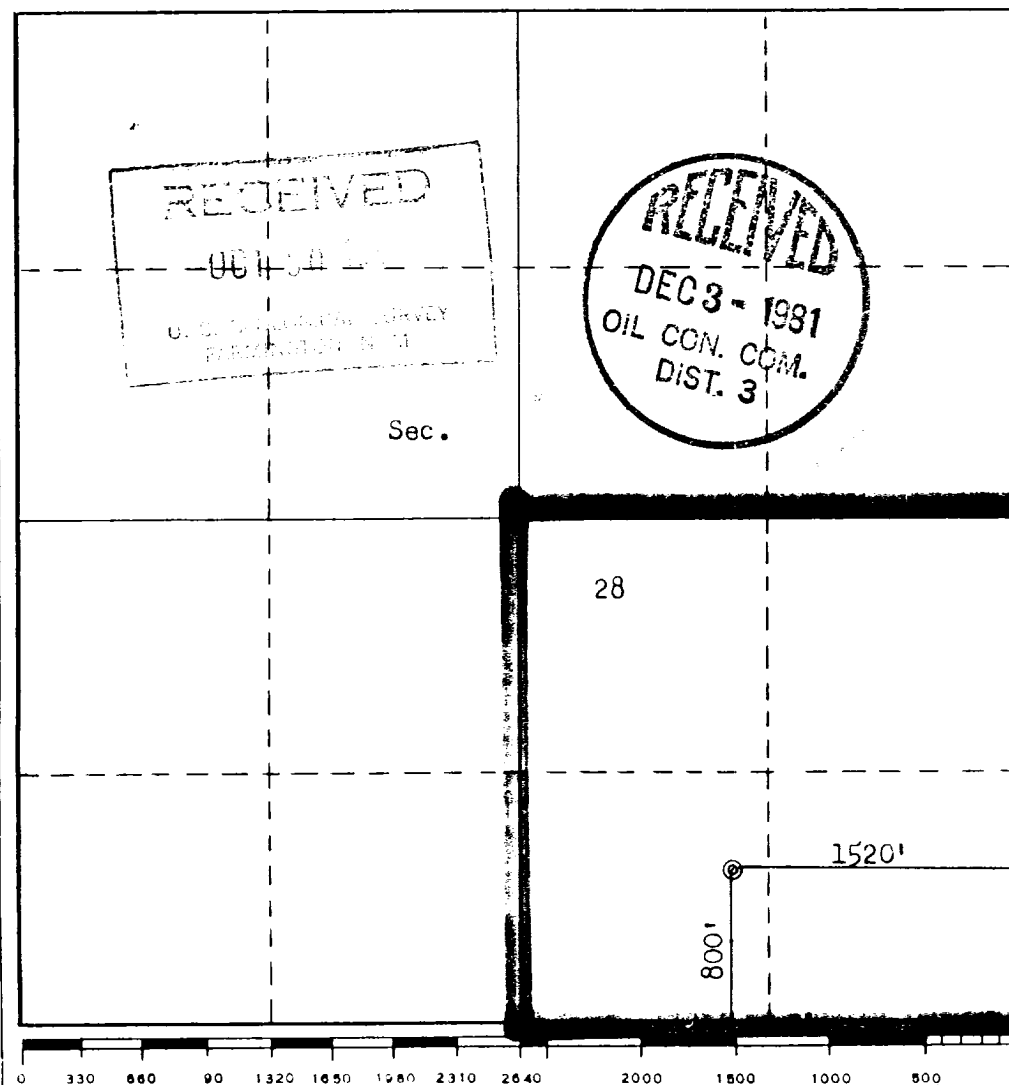
Operator JAMES L. LUDWICK			Lease JICARILLA		Well No. 14 J
Unit Letter 0	Section 28	Township 24N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 800 feet from the South line and 1520 feet from the East line					
Ground Level Elev. 6592	Producing Formation Pictured Cliffs		Pool Ballard Pictured Cliffs		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.



CERTIFICATION

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

Name
Claude C. Kennedy

Position **Agent**

Company
James L. Ludwick

Date
October 26, 1981

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

October 26, 1981

Registered Professional Engineer
and/or Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950

