

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐ NOV 26 1976 PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 3280, Casper, Wyoming 82602

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

At surface

890' FSL & 960' FWL (SWSW)

At proposed prod. zone

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

Approximately 35 miles NW of Cuba N.M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

960'

16. NO. OF ACRES IN LEASE

2515.80

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.

870'

19. PROPOSED DEPTH

3770'

20. ROTARY OR CABLE TOOLS

Rotary

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

6,789' Grd. - 6,800' KB

22. APPROX. DATE WORK WILL START*

Dec. - 1976

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	24#	200'	150
7-7/8	5-1/2	14#	3,770'	300

Energy Reserves Group, Inc. proposes to drill above described well with Rotary tools from surface to TD. It is anticipated that the Pictured Cliffs and Chacra formations will be gas productive. No cores or DST's are planned. Copies of all logs run will be furnished upon completion of the well. The estimated tops are as follows:

Ojo Alamo	2,300'	Pictured Cliffs	2,820'
Kirtland	2,450'	Lewis	2,869'
Fruitland	2,730'	Chacra	3,680'
		T.D.	3,770'

A series 600 or 900 BOP will be used while drilling this well. The gas is dedicated. It is planned to produce the Pictured Cliffs up the annulus.

The gas at Pictured Cliffs is dedicated while the gas at Chacra is not.

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

Heary B. Barner

TITLE RMD Production Engineer

DATE 11-23-76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OK

*See Instructions On Reverse Side

S. Tate



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-107
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

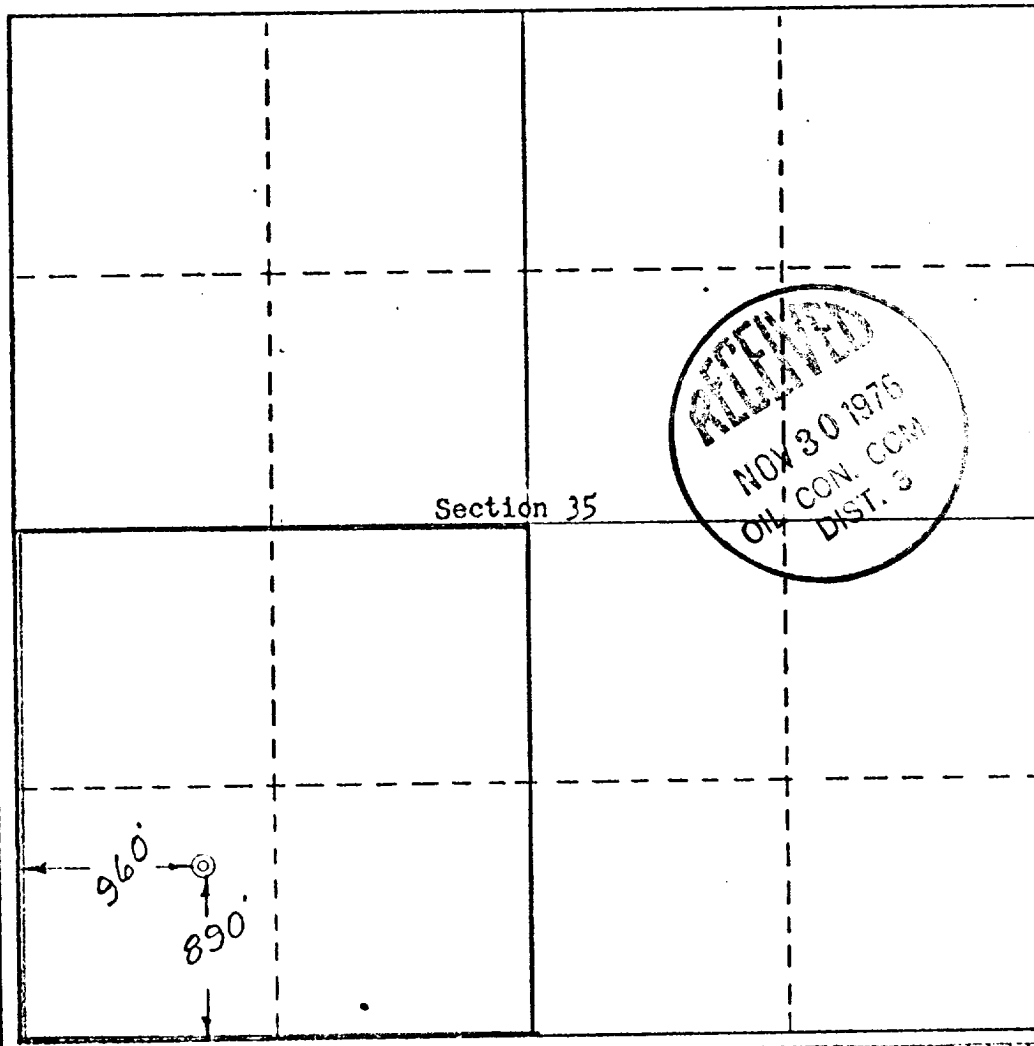
Operator Energy Reserves Group, Inc.			Lease		Well No. 4
Unit Letter M	Section 35	Township 25 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well: 890 feet from the South line and 960 feet from the West line					
Ground Level Elev. 6789	Producing Formation Blanco Pictured Cliffs		Pool South-Otero Chacra	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.

Dean Barnes

Name
Dean Barnes
Position
RDM Production Engineer
Company
ENERGY RESERVES GROUP, INC.
Date

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 8, 1976
Registered Professional Engineer and Land Surveyor
[Signature]
Certificate No.
3084

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