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# NEW MEXICO OIL CONSERVATION COMMISSION

Form 7-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. <b>L-789</b>
7. Field Agreement Name
8. Field Lease Name State
9. Well No. <b>1</b>
10. Field and Foot, or Wildcat Undesignated
12. County Lea
13. Proposed Depth 9100'
19A. Formation Abo Detrital
20. Rotary or C.T. Rotary
21. Elevation (Show whether DE, RL, etc.) 3928' Gr.
21A. Blanket On File
21B. Drilling Contractor MGF Drilling Co., Inc.
22. Approx. Date Work will start Feb. 10, 1978

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
c. Name of Operator Energy Reserves Group, Inc.
d. Address of Operator P. O. Box 2437, Midland, Texas 79702
e. Location of Well UNIT LETTER <b>A</b> LOCATED <b>760</b> FEET FROM THE <b>North</b> LINE <b>760</b> FEET FROM THE <b>East</b> LINE OF SEC. <b>9</b> TWP. <b>18-S</b> RGE. <b>35-E</b> S. 4000'
11. Proposed Depth 9100'
19A. Formation Abo Detrital
20. Rotary or C.T. Rotary
21. Elevation (Show whether DE, RL, etc.) 3928' Gr.
21A. Blanket On File
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## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13-3/8"	48	350'	280	Circulate
11"	8-5/8"	32	3600'	300	2600'
7 7/8"	4-1/2"	11.6	9100	260	7600'

\*\*\*Cement on the intermediate casing must be brought from the top of the salt or anhydrite to the surface casing. You can do this by either circulating the intermediate casing with cement, or a DV tool at the top of the salt.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed *Richard L. Zimmerman* Title District Production Manager Date 1/27/78

(This space for State Use)

APPROVED BY *[Signature]* TITLE SUPV. OF OIL & GAS

CONDITIONS OF APPROVAL, IF ANY: **\*\*\*SEE ABOVE**

**JAN 31 1978**

# M-G-F DRILLING Co., INC.

7TH FLOOR, VAUGHN BUILDING

MIDLAND, TEXAS 79701

915 - 684-7173

RIG NO. 1

## HOISTING EQUIPMENT

Drawworks: Bethlehem model 58-B with 1 1/8" groove drum, Bethlehem model CM-2D compound, Parkersburg hydromatic 40" double brake and Satellite type A automatic driller.

Engines: Two D-353 Caterpillar diesels

Derrick: 131' Lee C. Moore, 550,000 pound capacity

Substructure: 10' high, 650,000 pound capacity with built in tool house and sample house.

Block: National T-520, 300 ton

Hook: B. J. 4200, 200 ton

Swivel: Bethlehem BT-18, 300 ton

## DRILL STRING

Drill Pipe: 4 1/2", 16.60 lb/ft, grade E with 4 1/2" X-Hole connections

Drill Collars: 24 - 8" OD with 6 5/8" regular box and pin connections.  
46 - 6" OD with 4 1/2" X-Hole box and pin connections.

Subs: All necessary bit, saver and crossover subs

## MUD SYSTEM

Main Pump: National model C-350 driven off compound

Standby Pump: Gardner Denver FXQ, driven by D-375 Caterpillar engine.

Mud Pits: 1 - 38' X 7'3" X 5' steel shale pit  
1 - 30' X 6'9" X 5' steel settling pit  
1 - 28' X 7'4" X 5' steel suction pit

Shale Shaker: Link Belt model NRM-124 driven by electric motor.

Mud House: 1 - 18'9" X 7' X 7'6" skid mounted.

Water Storage: 1 - 500 bbl steel tank, skid mounted.

## SUPPORT EQUIPMENT

Blowout Preventer: Shaffer type 39-B double, 10" series 900 with Payne model 5200-B closing unit.

Light Plants: Two Westinghouse 120/208 volt generators driven by LeRoi model 20 AD 382 engines.

Lights: Crouse Hinds control switches, Crouse Hinds quartz floor lights, explosion proof rig lights.

Communications: Radio or telephone on rig floor and in Pusher's car.

Housing: Spartan Trailer house

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

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

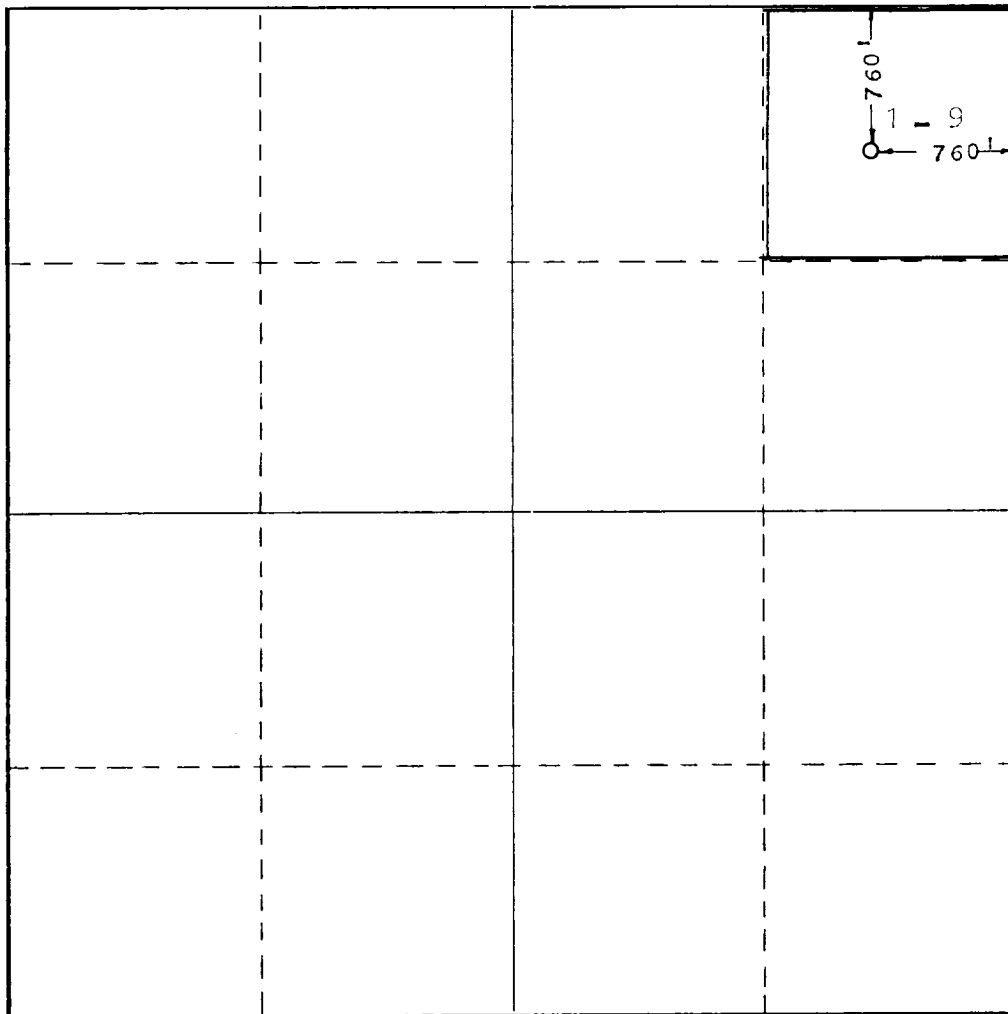
Operator <b>Energy Reserves Group, Inc.</b>			Lease <b>STATE</b>		Well No. <b>1</b>
Unit Letter <b>A</b>	Section <b>9</b>	Township <b>18-S</b>	Range <b>35-E</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>760</b> feet from the <b>NORTH</b> line and <b>760</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>3928</b>	Producing Formation <b>Abo Detrital</b>	Pool <b>Undesignated</b>		Dedicated Acreage: <b>40</b> 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.

*Richard L. Zimmermann*  
Name **Richard L. Zimmermann**  
District Production Manager

Position  
**Energy Reserves Group, Inc.**

Company  
**1/27/78**

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  
**JAN. 24, 1978**

Registered Professional Engineer and/or Land Surveyor

*Mal E. Shores*

Certificate No.  
**2189**