

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Mesa Grande Resources, Inc.

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

3. ADDRESS OF OPERATOR

1200 Philtower Building, Tulsa, Oklahoma 74103

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

At surface

880' FSL & 1660' FEL

At proposed prod. zone

880' FSL & 1660' FEL

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

8.5 miles Northwest of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

880'

16. NO. OF ACRES IN LEASE

320 - 160/320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320/320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2,200'

19. PROPOSED DEPTH

8,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

DRILLING OPERATIONS AUTHORIZED ARE

Est. 7,220' 7,234' GL

22. APPROX. DATE WORK WILL START*

October 31, 1985

SUBJECT TO COMPLIANCE WITH ATTACHED

GENERAL REQUIREMENTS*

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4,
QUANTITY OF CEMENT

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	500'	160 CFT
8 3/4"	5 1/2"	17#	8,000'	1400 CFT

Proposed Program:

1. Proposed well will be drilled through the Dakota Formation and will evaluate the hydrocarbon potential of the Dakota, Graneros, Greenhorn and Mancos zones. Completion plans will be determined at total depth.
2. A BOP will be installed after surface casing is set and cemented. Prior to drilling out from under surface, BOP will be tested to 500 lbs. standing pressure. All subsequent work will be conducted through BOP.
3. Drilling mud will be low solid non-dispersed; 35-45 viscosity, 8.5-9.2 lbs.
4. If well is found to be non-productive, the water zones and all zones with hydrocarbon shows will be bridged and cemented prior to plugging of the well.
5. The East Half of Section 22, T25N-R2W, is dedicated to this well.

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

Christopher L. Philpott

Manager, Field Operations

DATE 9/30/85

(This space for Federal or State use only)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. DIV
DIST. 3

NMOCC

*See Instructions On Reverse Side

APPROVED
AS AMENDED

DATE OCT 30 1985

/s/ J. Stan McKee

M. MILLENBACH
AREA MANAGER

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 MESA GRANDE RESOURCES			Lease BEARCAT		Well No. 1
Unit Letter 0	Section 22	Township 25N	Range 2W	County Rio Arriba	
Actual Footage Location of Well:					
880 feet from the South		line and 1660	feet from the East		line
Ground Level Elev: 7234	Producing Formation MANCOS/GRANITE	Pool GAUILAN MANCOS/GRANITE	Dedicated Acreage: 32.0 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 COMMUNITIZATION

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.

<p>RECEIVED</p> <p>OCT 10 1985</p> <p>BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA</p> <p>RECEIVED</p> <p>OCT 31 1985</p> <p>OIL CON. DIV.</p> <p>DIST. 3</p> <p>RECEIVED</p> <p>OCT 15 1985</p> <p>BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA</p>	<p>100% NE/4</p> <p>TEXACO OILS INC.</p> <p>22</p> <p>MESA GRANDE LTD 95%</p> <p>ARRIBA COMPANY LTD. 5%</p> <p>1660'</p> <p>880'</p> <p>NM 43757</p>
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CERTIFICATION

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

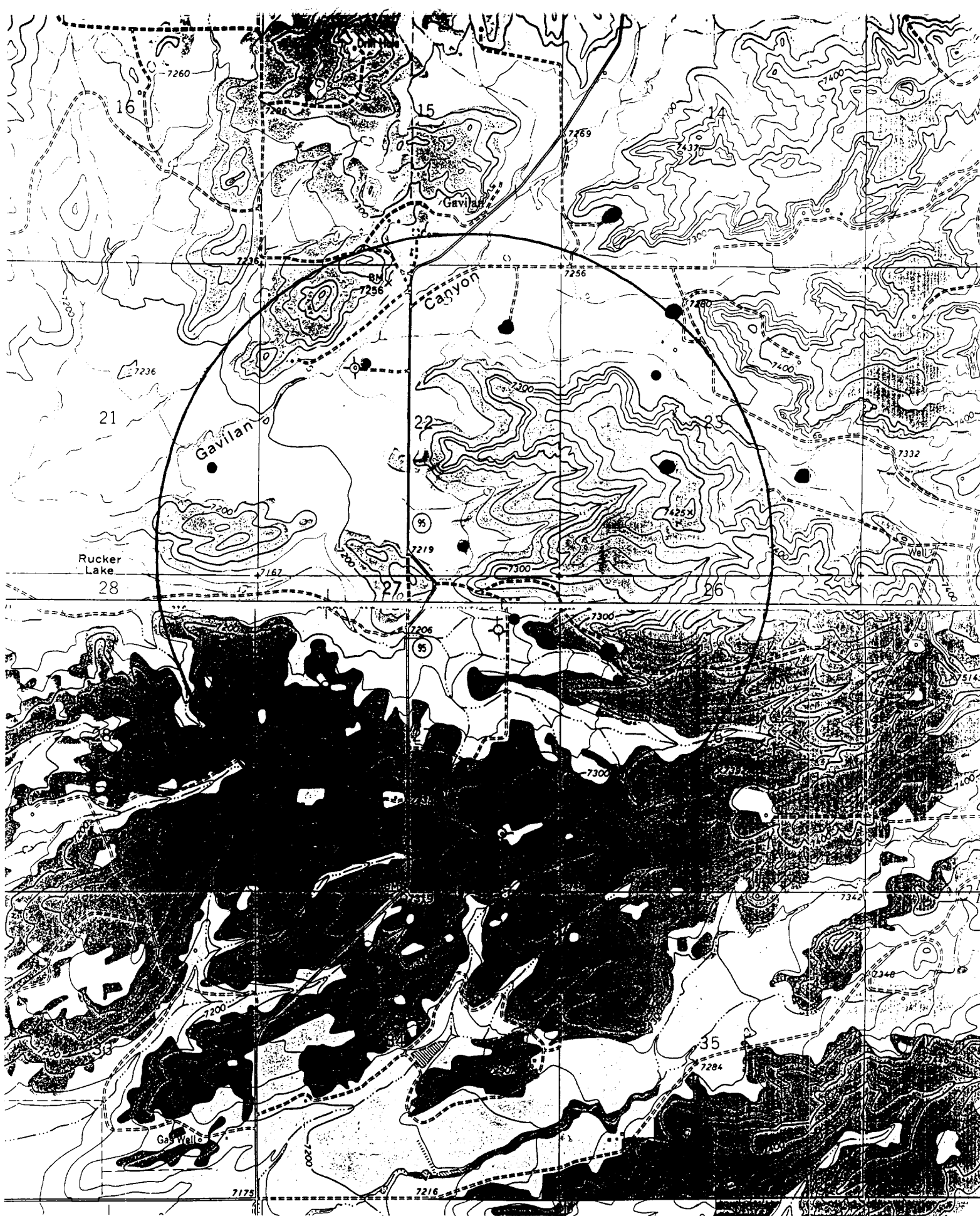
Christopher L. Phillips
Name
MANAGER OF FIELD OPERATIONS
Position
MESA GRANDE RESOURCES
Company

Date
October 10, 1985

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
August 13, 1985
Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Certificate No. 3750

Scale: 1"=1000'



VICINITY MAP

MESA GRANDE RESOURCES, INC.

880' FSL

1660' FEL

Section 22, Township 25 North, Range 2 West
Rio Arriba County, New Mexico

Access Road To BE BUILT

- PROPOSED LOCATION: Bearcat #1
- PROPOSED CULVERTS
- Producing Gallup/Dakota
- Producing Picture Cliffs
- NO. 110