

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING  
OFFICE FOR ORDER  
OF COPIES  
(Other sections on  
reverse side)

30-015-27783

BLM Roswell District  
Modified Form No.  
ND60-3160-2

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

Marbob Energy Corporation

14049

3a. Area Code & Phone No.

505-748-3303

3. ADDRESS OF OPERATOR

P. O. Drawer 217, Artesia, NM 88210

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

At surface

330 FNL 1370 FEL

At proposed prod. zone

SAME

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

EAST OF ARTESIA ON HWY 82 APPROX 20 MILES

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any) 330'

16. NO. OF ACRES IN LEASE

800

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*

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

19. PROPOSED DEPTH

4800'

20. ROTARY OR CABLE TOOLS

ROTARY

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

3602.7' GR

22. APPROX. DATE WORK WILL START\*

APRIL 1, 1997

PROPOSED CASING AND CEMENTING PROGRAM

| HOLE SIZE | CASING SIZE | WEIGHT/FOOT | GRADE | THREAD TYPE | SETTING DEPTH | QUANTITY OF CEMENT |
|-----------|-------------|-------------|-------|-------------|---------------|--------------------|
| 12 1/4"   | 8 5/8"      | 24#         | J-55  | LT&C        | 350'          | WITHIN SX          |
| 7 7/8"    | 5 1/2"      | 17#         | J-55  | LT&C        | 4800'         | 1100 SX            |

PAY ZONE WILL BE SELECTIVELY PERFORATED AND  
STIMULATED AS NEEDED FOR OPTIMUM PRODUCTION.

ATTACHED ARE: 1. LOCATION & DEDICATION PLAT  
2. SUPPLEMENTAL DRILLING DATA  
3. SURFACE USE PLAN

PLEASE SEE MASTER SURFACE USE PLAN ON FILE AT BLM

\*\* THIS APD WAS PREVIOUSLY APPROVED AS BURCH BB FEDERAL #42

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.

SIGNED Rhonda Nelson TITLE Production Clerk

DATE 2/26/97

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY (ORIG. SGD.) TONY L. FERGUSON

TITLE ADM. MINERALS

CONDITIONS OF APPROVAL, IF ANY:

DATE 3-12-97

\*See Instructions On Reverse Side



# OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

## DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

## DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

|                                               |               |                                      |                       |                 |
|-----------------------------------------------|---------------|--------------------------------------|-----------------------|-----------------|
| Operator<br>UGRID # 14049 MARBOB ENERGY CORP. |               | Lease PROP #6497<br>BURCH KEELY UNIT |                       | Well No.<br>839 |
| Unit Letter<br>B                              | Section<br>23 | Township<br>17 SOUTH                 | Range<br>29 East NMPM | County<br>EDDY  |

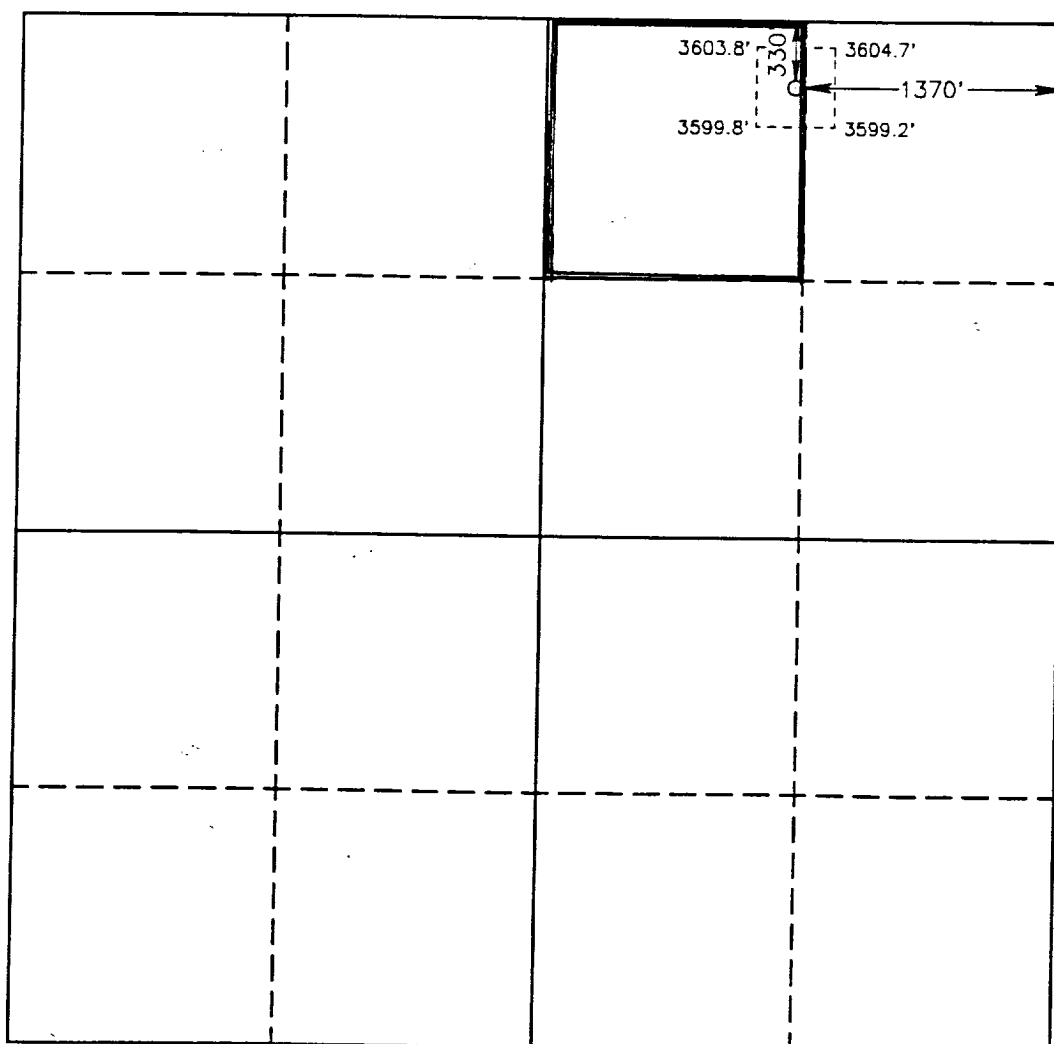
Actual Footage Location of Well:

|                                  |                                   |                                               |                                |
|----------------------------------|-----------------------------------|-----------------------------------------------|--------------------------------|
| 330 feet from the NORTH line and |                                   | 1370 feet from the EAST line                  |                                |
| Ground Level Elev.<br>3602.7'    | Producing Formation<br>SAN ANDRES | Pool POOL #28509<br>GRBG JACKSON SR Q GRBG SA | Dedicated Acreage:<br>40 Acres |

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



### OPERATOR CERTIFICATION

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

Signature  
Rhonda Nelson  
Printed Name  
RHONDA NELSON  
Position  
PRODUCTION CLERK  
Company  
MARBOB ENERGY CORPORATION  
Date  
2/26/97

### SURVEYOR CERTIFICATION

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  
JANUARY 30, 1998  
Signature & Seal of Professional Surveyor  
7977  
Certificate No. JOHN W. WEST. 878  
RONALD J. EIDSON. 3239  
GARY L. JONES. 7977

93-11-1254



## DRILLING PROGRAM

Burch Keely Unit No. 839  
330' FNL and 1370' FEL  
Section 23-17S-30E  
Eddy County, New Mexico

### 10. Anticipated Starting Date and Duration of Operations

Spud Date:            Approximately April 1, 1997

Duration of Operations: Once commenced, the drilling operations should be completed in approximately 21 days. If the well is productive, an additional 30 to 60 days will be required for completion and testing of the well.

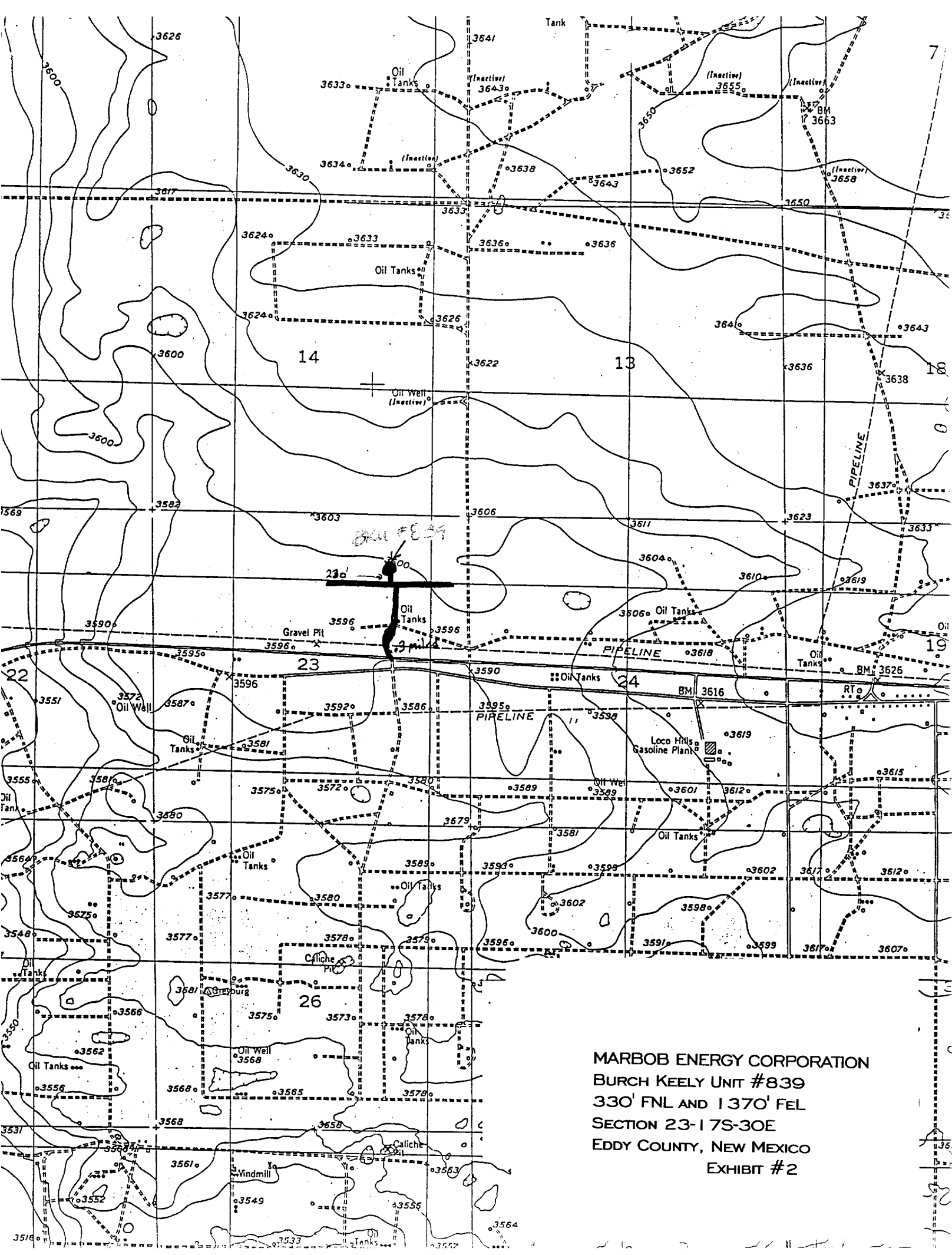


## SURFACE USE AND OPERATING PLAN

Burch Keely Unit No. 839  
330' FNL and 1370' FEL  
Section 23-17S-30E  
Eddy County, New Mexico

- 1.(c) Directions to Locations: Proceed east on U.S. 82 from Artesia for approximately 21 miles. Turn north on lease road and proceed .3 miles. Then turn west. The proposed well location is just north of the lease road.







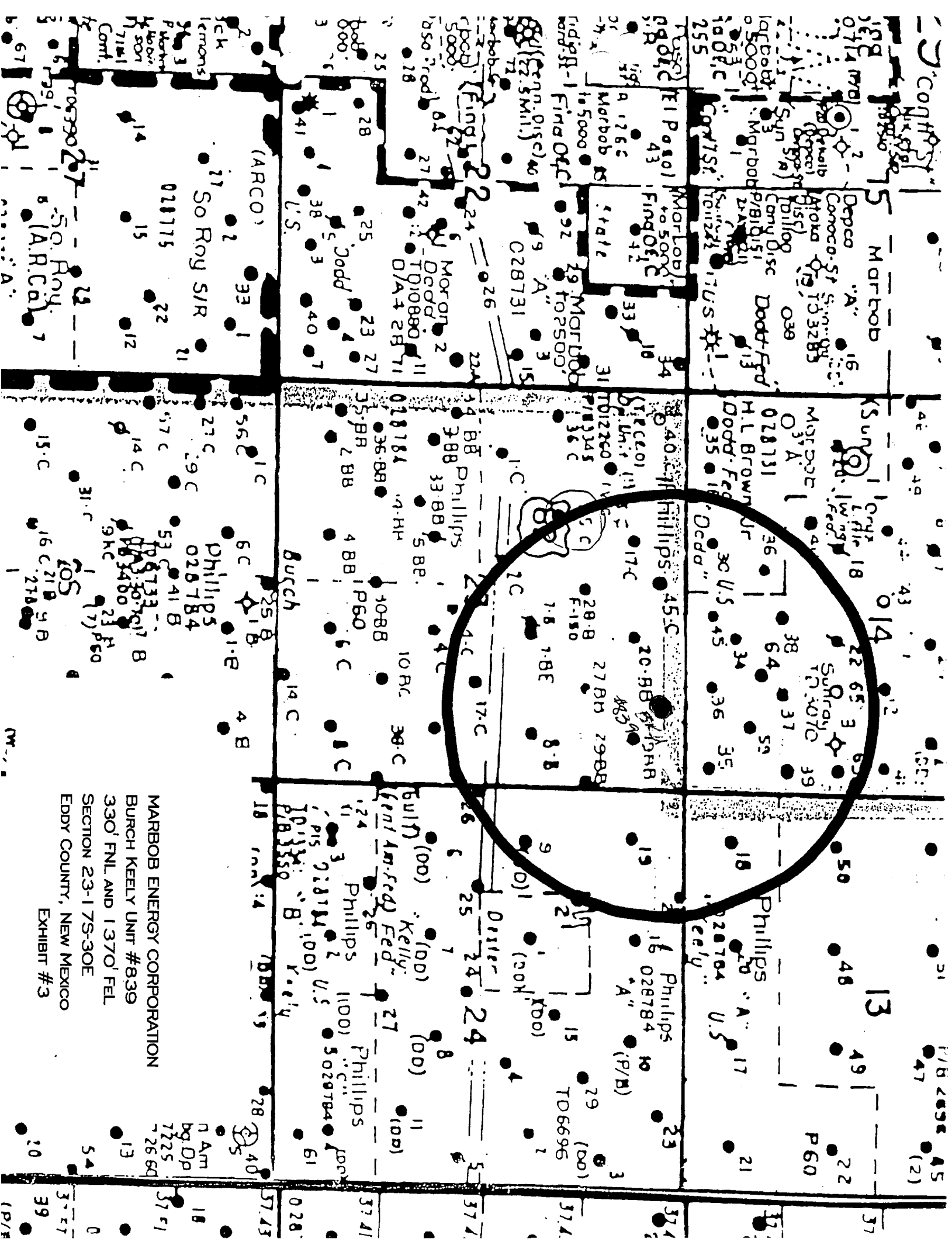
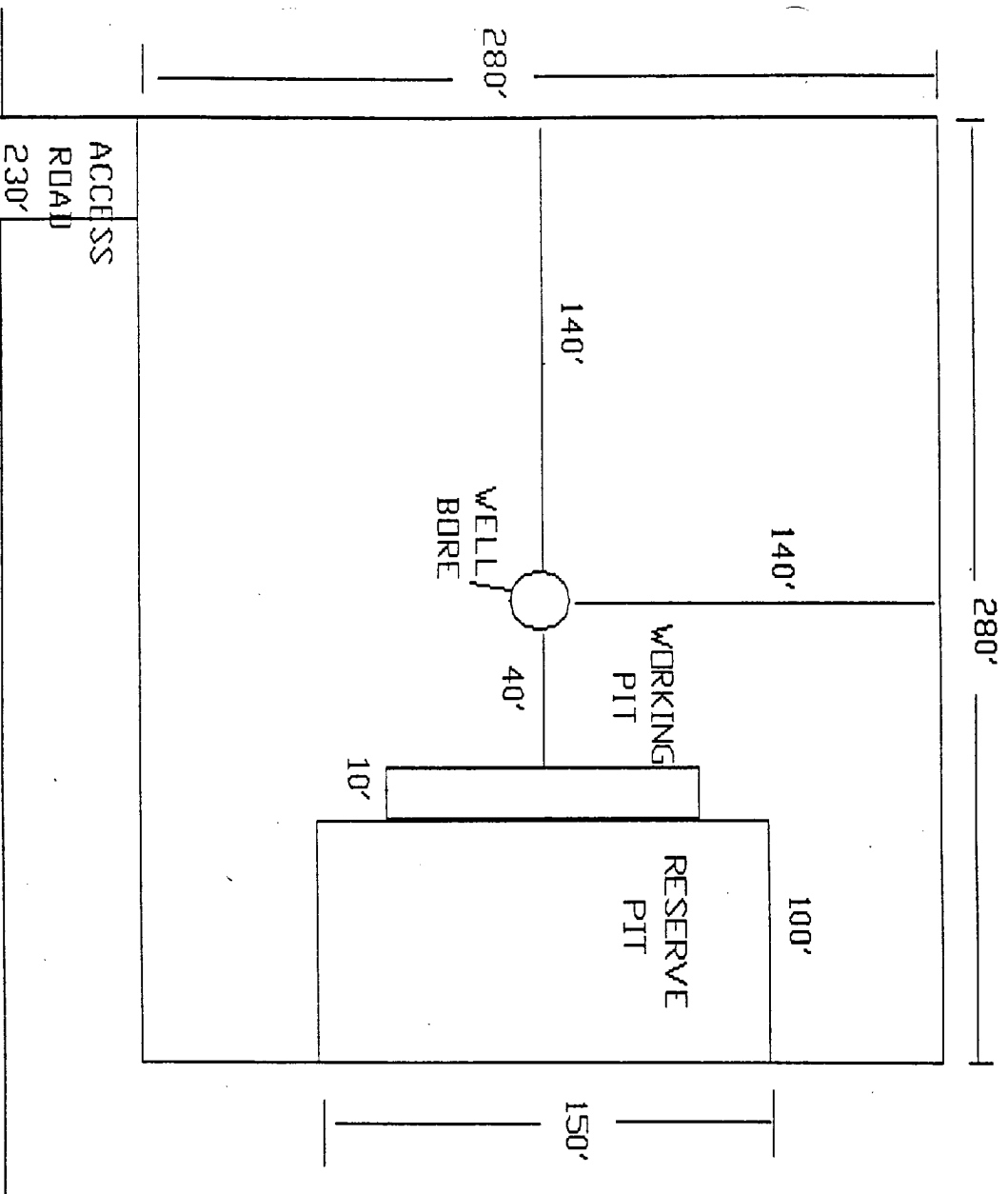




EXHIBIT #4

N 1



LEASE ROAD

MARBOB ENERGY CORPORATION  
BURCH KEELY UNIT #839  
330' FNL AND 1370' FEL  
SECTION 23-1 7S-30E  
EDDY COUNTY, NEW MEXICO  
EXHIBIT #4

