

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED BY

JAN 17 1985

ARTESIA, OFFICE

SUBMIT IN DUPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

2. TYPE OF WELL

OIL ☒

GAS ☐

OTHER ☐

SINGLE ☒

MULTIPLE ☐

3. NAME OF OPERATOR

Challenger Energy, Inc. ✓

4. ADDRESS OF OPERATOR

P.O. Box 1262, Artesia, NM 88210

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirement(s).
At source

2310' FSL, 1650' Fsl, Sec. 22

At proposed prod. zone

Same

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

16 miles South/ Southeast of Malaga, NM

7. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

330'

8. NO. OF ACRES IN LEASE

480

9. NO. OF ACRES ASSIGNED

TO THIS WELL

40

10. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1320'

11. PROPOSED DEPTH

6200

12. ROTARY OR CABLE TOOLS

Rotary

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

2892.9 GL

14. APPROX. DATE WORK WILL START*

ASAP

15.

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	23#	410	Circulate to surface
7 7/8	5 1/2	15.50#	6200	Sufficient to fill to base of salt.

Actual 5 1/2" Production casing setting depth to be determined after logging operations are evaluated. Equivalent or adequate weights and grades of casing may be substituted at time casing is run. Producing zones will be perforated and stimulated as necessary.

MUD PROGRAM: F.W. Gel/LCM to 410', Brine to T.D.

ROP PROGRAM: 3000# W.P., Double ran type preventer will be in sue while drlg. below surface casing. See Exhibit B

16. 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.

17.

SIGNED

Craig Huber

TITLE

Sec/ Treas

DATE

1/8/85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

LANDMAN RESOURCE AREA

APPROVED BY

TITLE

DATE

1-16-85

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

ATTACHED

*See Instructions On Reverse Side

**A 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.

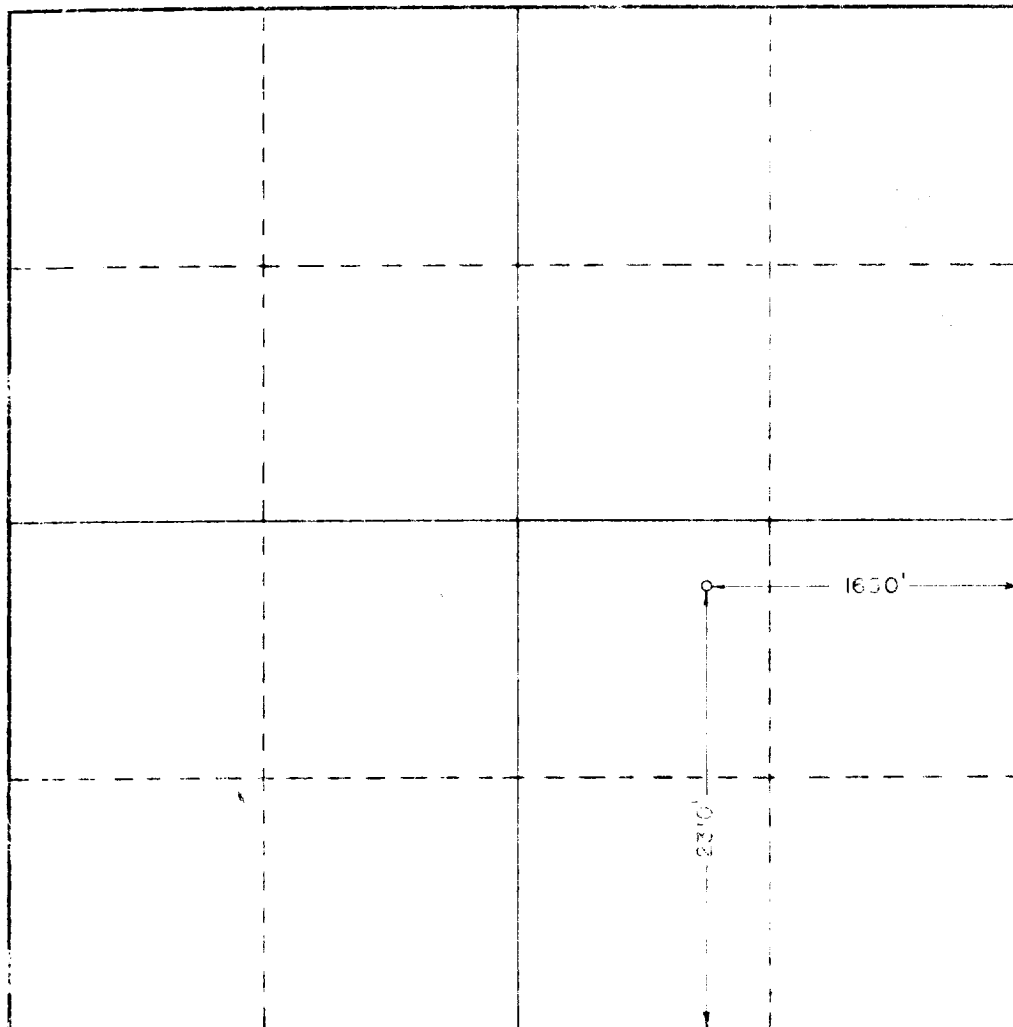
Operator Challenger Energy Corp.			Lease Novel 22 Federal		Well No. 4
Tract Letter 1	Section 22	Township 26 South	Range 29 East	County Edw.	
Actual Footage Location of well: 2310 feet from the center line and 1650 feet from the east line					
Ground Level Elev. 2892.9	Producing Formation Delaware		Pool Brushy Draw - Delaware		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

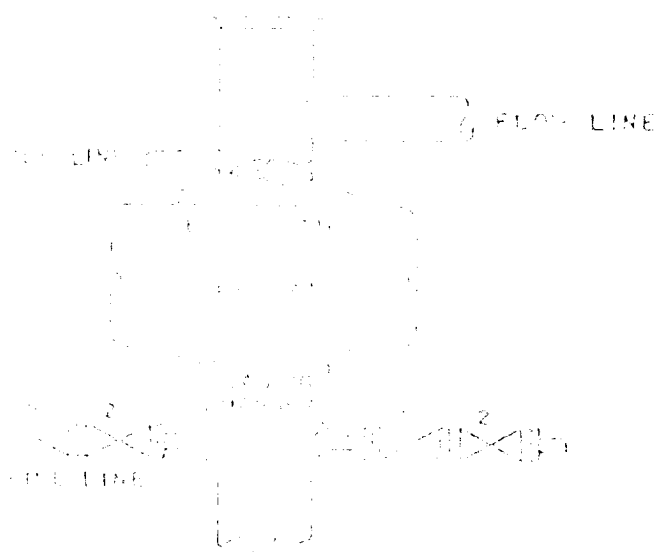
Name **Craig Huber**
 Position **Sec/Treas**
 Company **Challenger Energy, Inc.**
 Date **1/6/85**

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
December 26, 1984

Registered Professional Engineer
and/or Land Surveyor

John W. West
 Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239



THE STATE
 AND THE COUNTY OF SEBASTIAN
 COUNTY, MISSOURI
 DO HEREBY CERTIFY THAT THE
 ABOVE IS A TRUE AND CORRECT COPY

ILLEGIBLE

Exhibit B

TOP APPROPRIATE

CHALLENGER ENERGY, INC.
Mobil "22" Federal #4
2310' FSL and 1650' FEL
Sec. 22, T-26S, R-29E
Eddy County, New Mexico

In Conjunction with Form 3160-3, Application for Permit to Drill subject well, Challenger Energy, Inc. submits the following ten items of pertinent information in accordance with BLM requirements.

1. The geologic surface formation is sandy alluvium.
2. The estimated tops of geologic markers are as follows:

Rustler Anhydrite	350'
Base Salt	2750'
Delaware Sand	2960'
Cherry Canyon	3860'
Brushy Canyon	5460'

3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Oil: 5000'

4. Proposed Casing Program: See Form 3160-3
5. Pressure Control Equipment: See Form 3160-3 and Exhibit B
6. Mud Program: See Form 3160-3
7. Auxiliary Equipment: Sub with full-opening valve on floor, drill pipe connection.
8. Testing, Logging and Coring Program:

Samples:	2700' to TD.
DST's:	As Warranted.
Coring:	None.
Logging:	Sonic Log TD to surface, DDL TD to 2900'.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated Starting date: As soon as possible after approval.

Exhibit A

TELE R-29E
Eddy Co., Y.M.

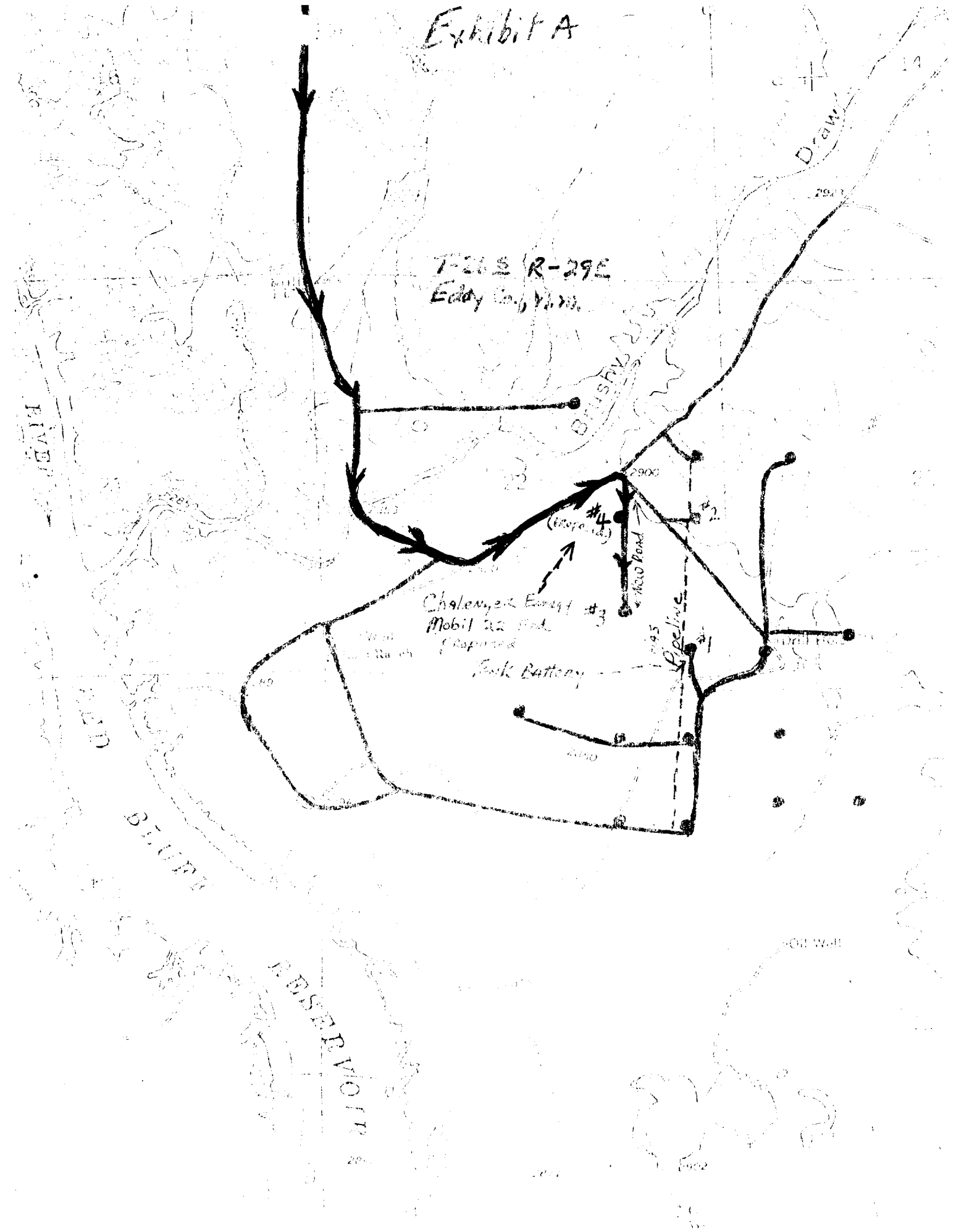
Chalenger Energy #3
Mobil 22 End
Captured
Tank Battery

#4
(Captured)

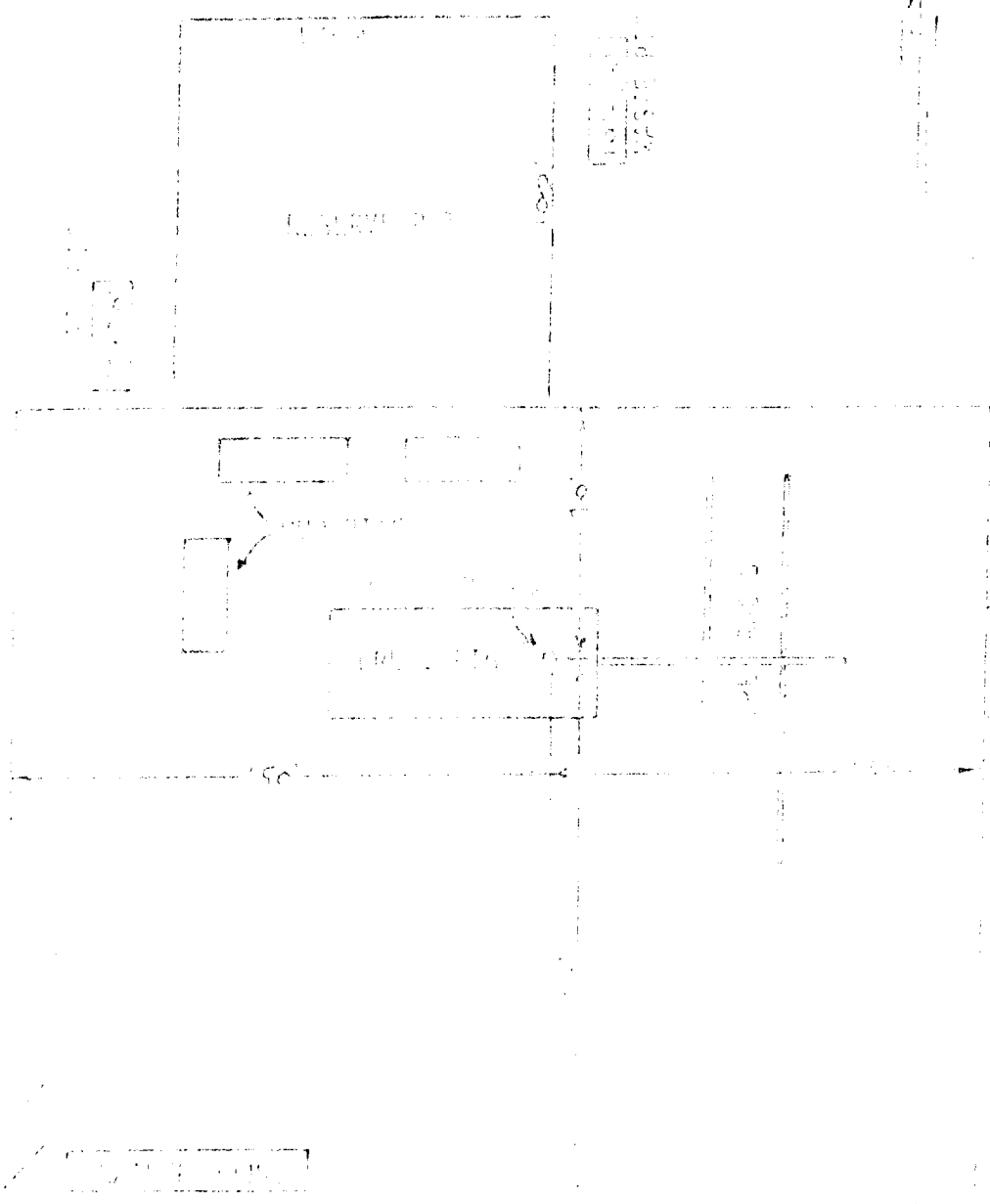
New Road

Pipeline

Oil Well



Access Rd. →



ILLEGIBLE

EXHIBIT "C"
Chattanooga Energy, Inc.
Mobil Federal "22" #4
Rd. by layout