

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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 ☒ MAY 11 1979

2. NAME OF OPERATOR

Westall &amp; Mask

3. ADDRESS OF OPERATOR

P.O. Drawer 1477, Roswell New Mexico 88201

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

At surface

2,310' From North Line &amp; 330' From West Line

At proposed prod. zone

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

15. DISTANCE FROM PROPOSED\*

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

330'

16. NO. OF ACRES IN LEASE

160

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.

990'

19. PROPOSED DEPTH

4,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3,660 Gr.

22. APPROX. DATE WORK WILL START\*

60 Days from  
Application Date

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11	8 5/8	20#	650	Approx. 225 scks to circ.
7-7/8	5 1/2	14#	Approx 4,000	" " " " "

Blowout Preventer will be Double Manual (Shaeffer) B.O.P. with 3000# Test.

Mud Program - We will use fresh water to 650', then use salt gel to total depth.

No anticipated abnormal pressure or temperatures.

Anticipated starting date will be in 60 days.

Tops: Yates 2600' Queen 3600' Grayburg 4000'

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

Jack Mask

TITLE

(Agent) Co-Owner

DATE

4/16/79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

5-9-79

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations or appropriate officials, concerning approval of the proposal before operations are started.

**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>Westall and Mask</b>			Lease <b>Keohane Federal</b>		Well No. <b>5</b>
Unit Letter <b>E</b>	Section <b>25</b>	Township <b>18 South</b>	Range <b>31 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>2310</b> feet from the <b>North</b> line and <b>330</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3668</b>	Producing Formation <b>SRQ-G.</b>		Pool <b>Shugart</b>	Dedicated Acreage: <b>40</b> Acres	

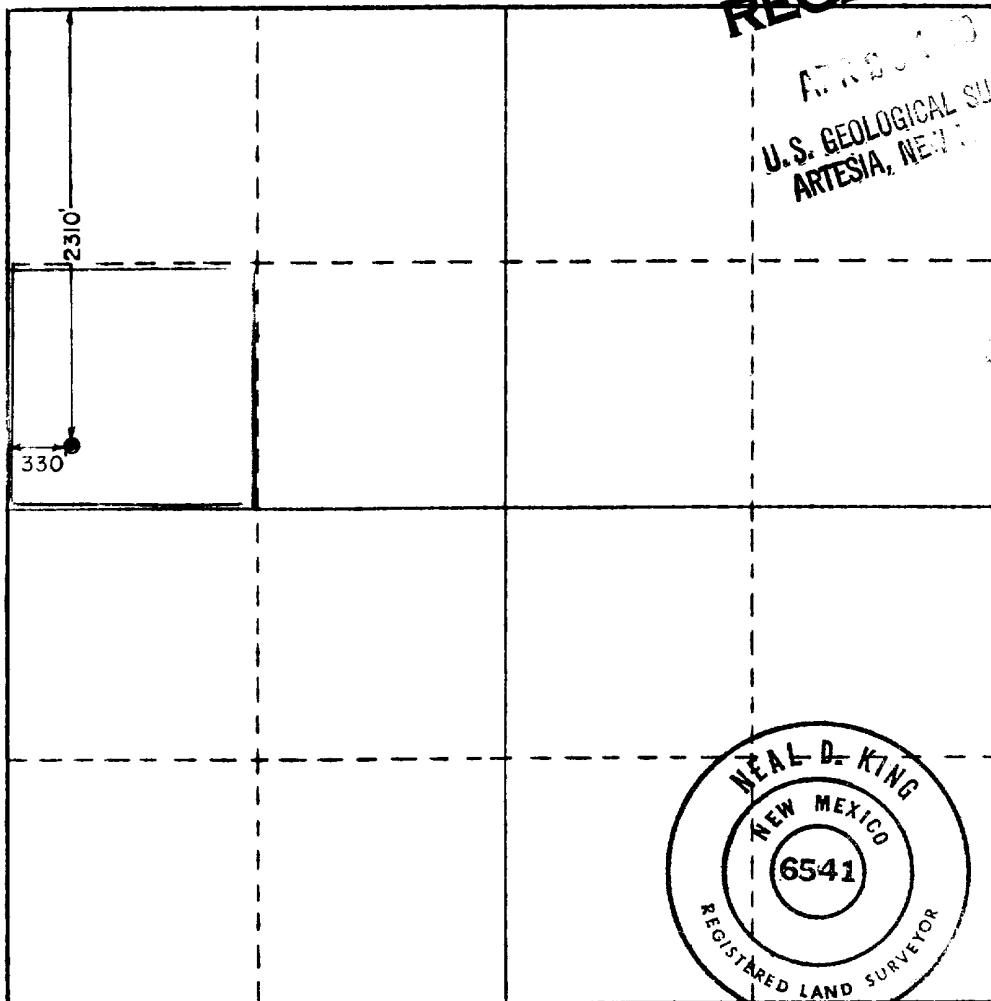
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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.

**RECEIVED**  
APR 16 1979  
U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO



**CERTIFICATION**

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

**JACK MASK**

Name **Jack Mask**  
Position **(AGENT) CO-OWNER**

Company **WESTALL - MASK**

Date **4/16/79**

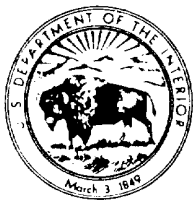
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

**APRIL 9, 1979**

Date Surveyed  
**Neal D. King**  
Registered Professional Engineer  
and/or Land Surveyor

**R.L.S. 6541**  
Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 0



N.M.O.C.D. CCNY  
United States Department of the Interior

GEOLOGICAL SURVEY  
P. O. Drawer U  
Artesia, New Mexico 88210

May 9, 1979

Westall-Mask  
P. O. Drawer 1477  
Roswell, New Mexico 88201

WESTALL-MASK Keohane Federal No. 5 2310 FNL 330 FWL Sec. 25, T18S, R31E Eddy County Lease No. LC-065680 Above Data Required on Well Sign
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Gentlemen:

Your APPLICATION FOR PERMIT TO DRILL the above-described well to a depth of 4,000 feet to test the Grayburg formation is hereby approved subject to compliance with the OIL AND GAS OPERATING REGULATIONS (30 CFR 221) and the following conditions:

1. Drilling operations authorized are subject to compliance with the GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL LEASES, dated July 1, 1978.
2. Prior to commencing construction of road, pad, or other associated developments, operator will provide the dirt contractor with a copy of the SURFACE USE PLAN and this approval including the GENERAL REQUIREMENTS.
3. Submit a Daily Report of Operations from spud date until the Well Completion Report (form 9-330) is filed. The progress report should be not less than 8" x 5" in size and each page should identify the well.
4. All permanent above-ground structures and equipment shall be painted in accordance with the attached Painting Requirements. The color used should simulate sandstone brown (Federal Standard Color 595A, color 20318 or 30318).
5. Please note that anyone (including contractors and service companies) contacting the Survey on behalf of the operator must identify the well with all of the information required above for the well sign.

Sincerely yours,

(Signature)

Joe G. Lara  
Acting District Engineer



SCHEDULE 1

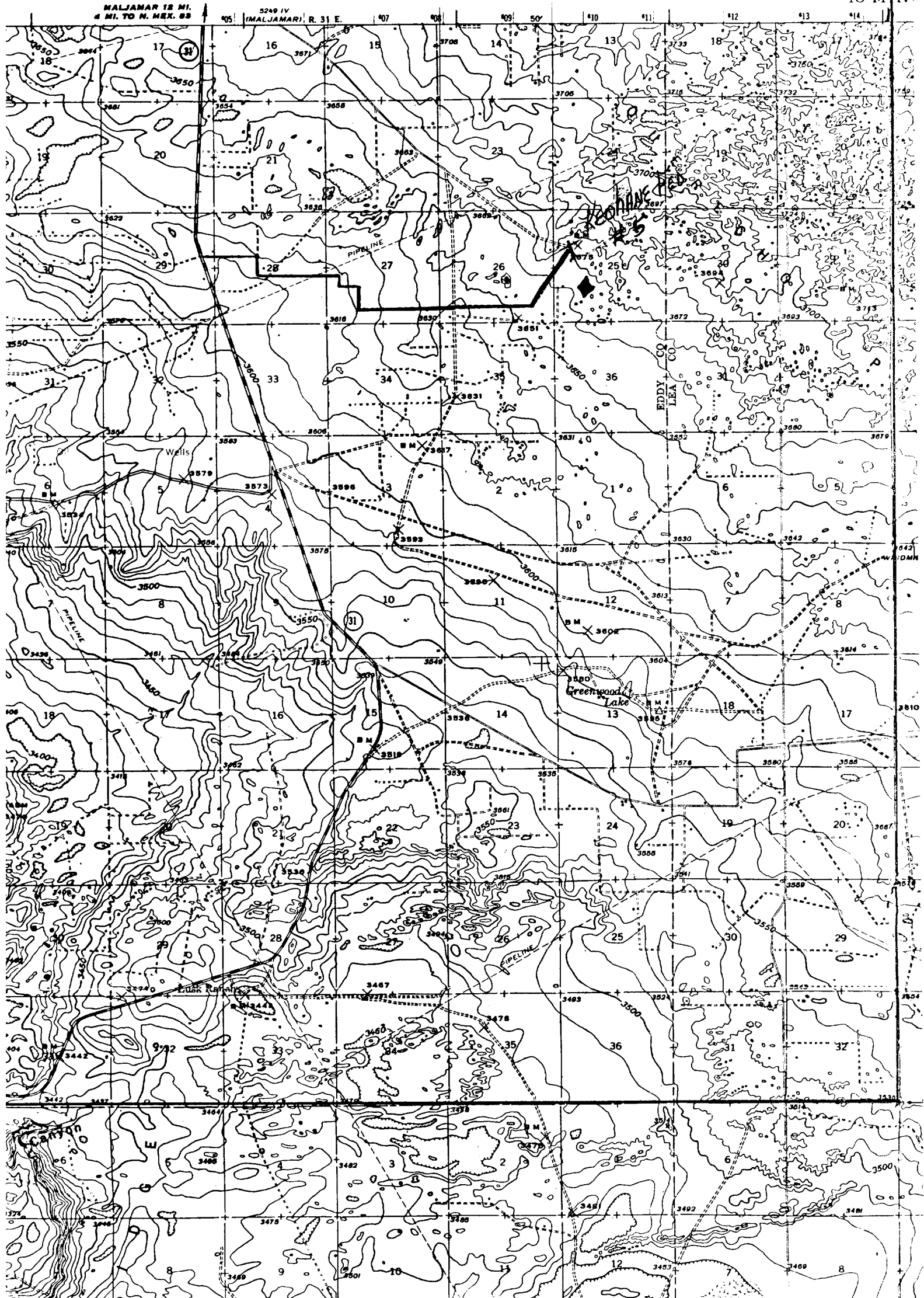
STATE 31

LEASE ROAD

UNIMPROVED ROAD

NEAREST  
PRODUCTION

CLAYTON BAS  
15-M NI





SCHEDULE 1-A

WESTALL - MASK  
Keohane Federal #5  
2,310' FNL & 330' FWL,  
Sec 25; T18S-R31E  
Lease #LC 065680 Eddy County, NM

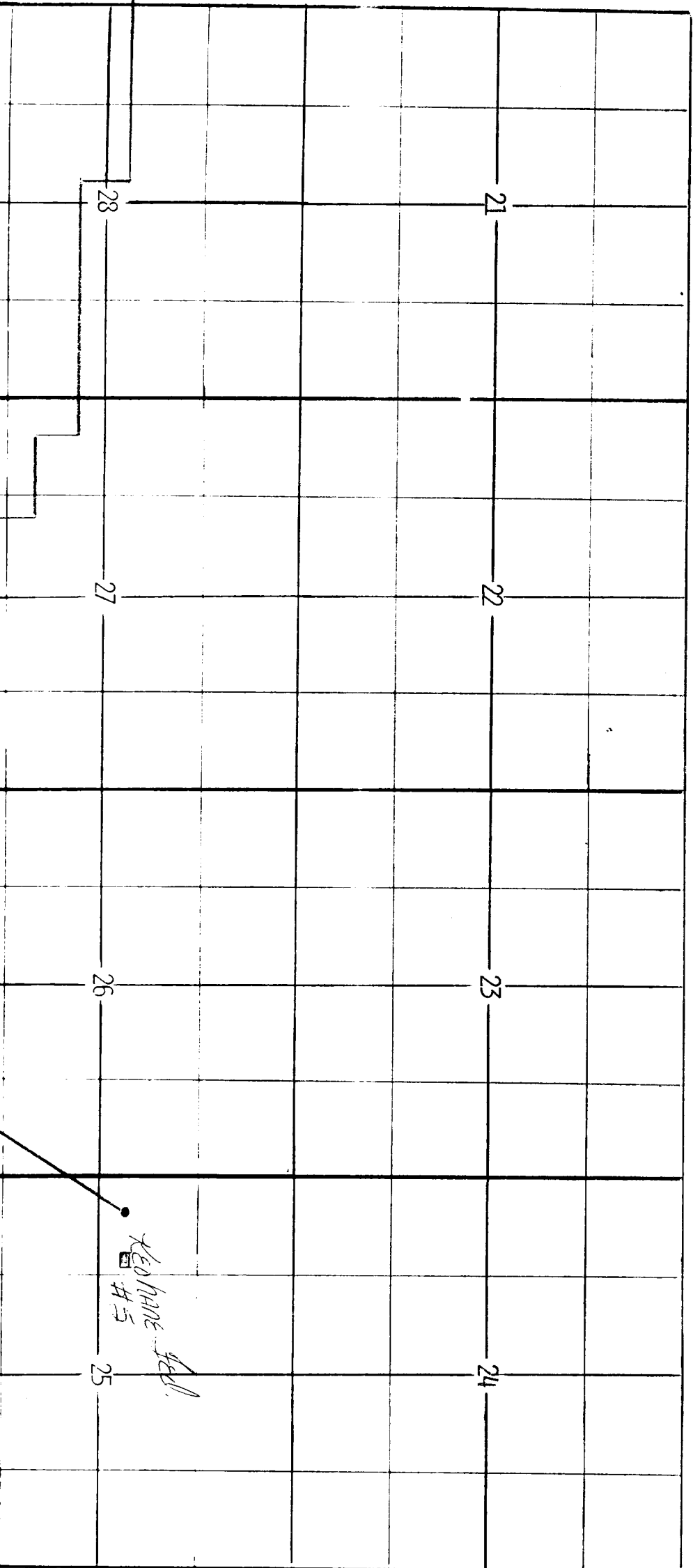
TANK BATTERY



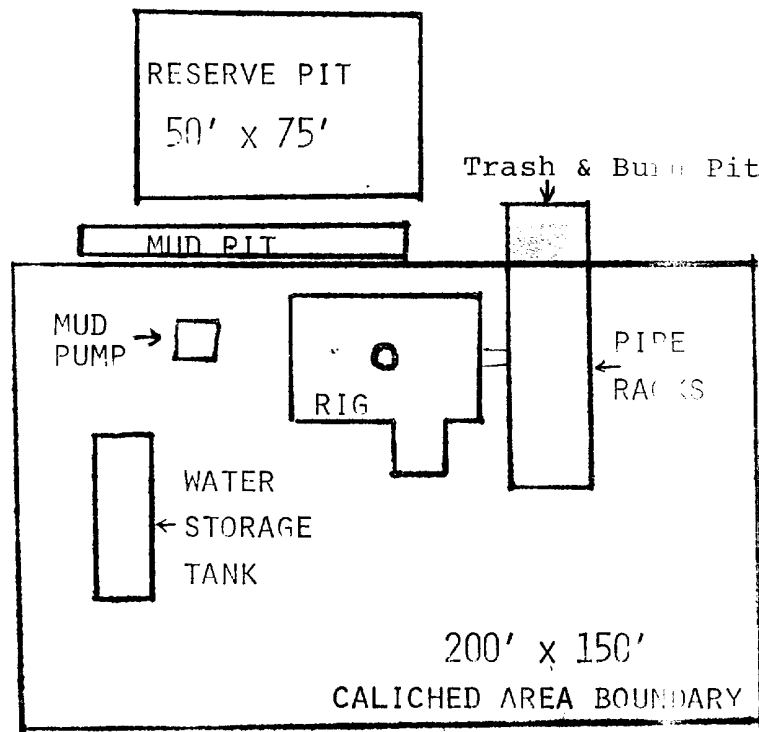
SURFACE USE PLAN

SECTION 25 TOWNSHIP 18S RANGE 31E

STATE 31



SCHEDULE 2



ROAD  
SCALE 1" = 50'

DEVELOPMENT PLAN FOR SURFACE USE

WESTALL AND MASK, ROSWELL NM 88201