

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 ☐

2. NAME OF OPERATOR

Lario Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 155, Midland, Texas 79701

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

At surface

1650' FNL & 1650' FWL, Section 20

At proposed prod. zone

Same

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

9 N. by NE of Carlsbad

15. DISTANCE FROM PROPOSED*

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

1650'

16. NO. OF ACRES IN LEASE

640 *

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640 *

18. DISTANCE FROM PROPOSED LOCATION*

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

None

19. PROPOSED DEPTH

10,800

20. ROTARY OR CABLE TOOLS

Rotary

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

3250' Ground

22. APPROX. DATE WORK WILL START*

X

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13 3/8	48# H	400'	500 cub. ft. to circulate
11"	8 5/8	24# & 28	2750'	1400 cub. ft. Will attempt to ci
7 7/8"	4 1/2	11.6# J.&N.	10800'	900 cub. ft. culat

It is proposed to mud up @ 7700' and carry mud to T.D. Blow out equipment will be installed on both the surface pipe and the intermediate string and tested daily.

* Form C-102 and other plat attached.

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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

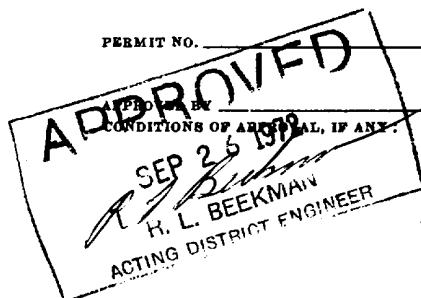
H. L. Beekman

TITLE General Production Super.

DATE Sept. 25, 1972

(This space for Federal or State office use)

PERMIT NO.



THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS
EXPIRES
DEC 26 1972
*See Instructions On Reverse Side

DECLARED WATER BASIN
13 3/8"
8 5/8"
CEMENT BEHIND THE
CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE 13 3/8" & 8 5/8" CASING.

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 Lario Oil & Gas Company			Lease Superior-Federal Gas Com.		Well No. 1
Unit Letter F	Section 20	Township 20S	Range 27E	County Eddy	
Actual Footage Location of Well:					
1650		feet from the North	line and 1650	feet from the West	line
Ground Level Elev. 3250	Producing Formation Morrow Sand		Pool McMillan Morrow (Ext)		Dedicated Acreage; 640* 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?

by communitization

☐ Yes ☒ No If answer is "yes," type of consolidation* Will be consolidated/and forced-pooled
upon completion of well.

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.

Lario Oil & Gas Company <div style="text-align: center;">1650'</div>	Flag-Redfern & Amarillo <div style="text-align: center;">B. Barker</div>	Flag-Redfern & Amarillo <div style="text-align: center;">20 acres unleased (undivided)</div>	Flag-Redfern & Amarillo <div style="text-align: center;">R. Rasco et al</div>
<div style="text-align: center;">1650' ⊙</div>	Flag-Redfern & Amarillo <div style="text-align: center;">33 acres unleased (divided)</div>	Flag-Redfern & Amarillo	
Superior-Federal	<div style="text-align: center;">See attached plat</div>		
U.S.	R. Rasco et al	U.S.	
U.S.		Flag-Redfern & Amarillo <div style="text-align: center;">O. Fanning</div>	

CERTIFICATION

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

Name D. A. Chase
 Position Gen. Prod. Supt.
 Company Lario Oil & Gas Co.
 Date September 25, 1972

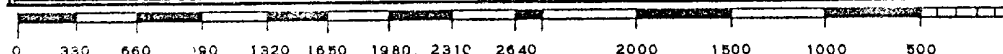
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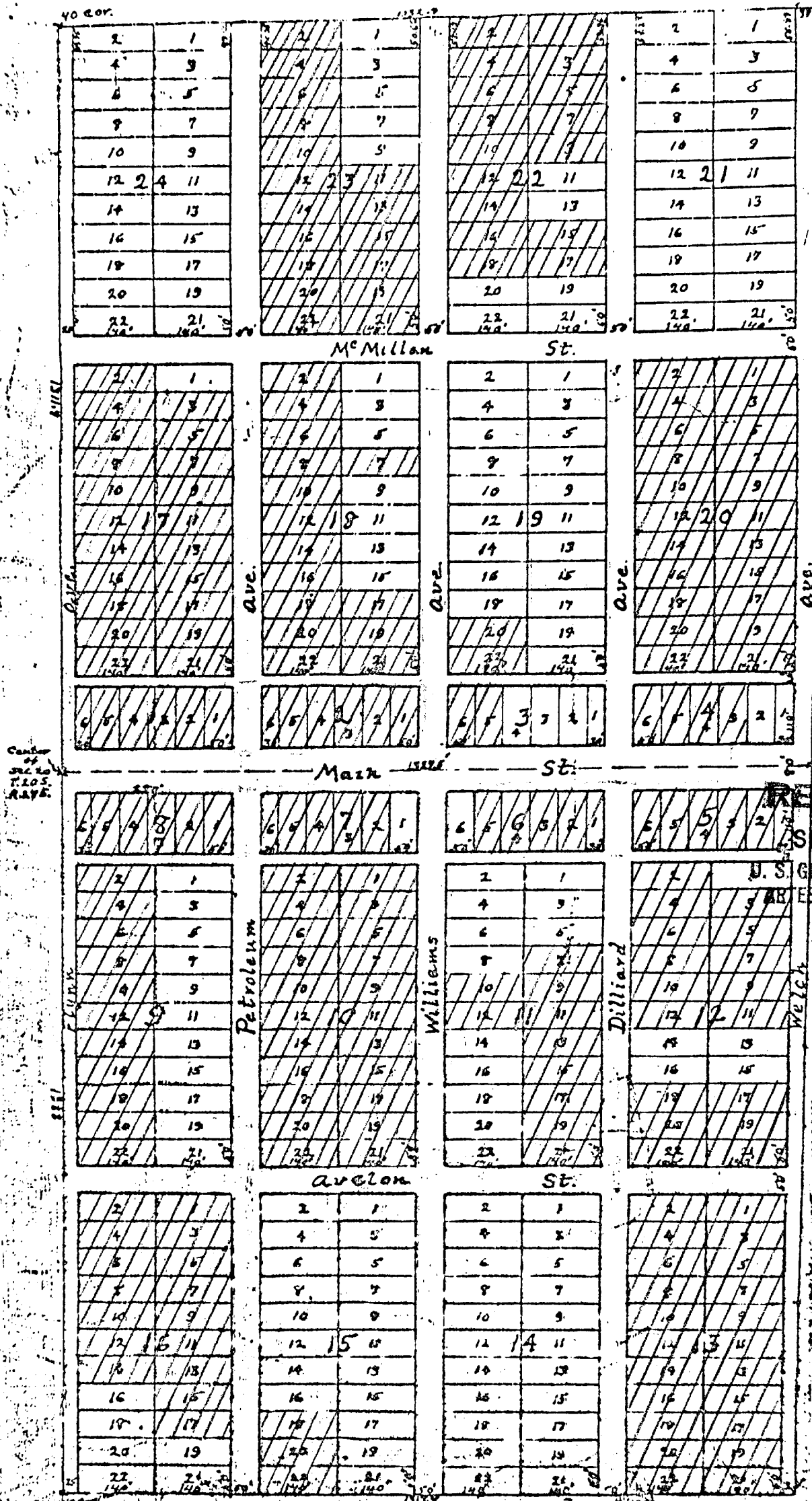
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I hereby certify that the well location shown on this plat was plotted from field notes or surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed September 7th 1972
 Registered Professional Engineer and/or Land Surveyor

James H. Brown
 Certificate No. 542





This is subdivision of NW $\frac{1}{4}$ SE $\frac{1}{4}$ and SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 20, 20-27 platted by E. Barker and C. Y. Rascoe. The hatched lots are leased. The blank lots are unleased at this time.

LARIO OIL & GAS COMPANY

PRODUCERS



P.O. BOX 155
MIDLAND, TEXAS 79701

September 25, 1972

U. S. Department of Interior
Geological Survey
104 South 4th Street
Artesia, New Mexico 88210

Attention: Mr. James A. Knauf

Subject: Lario Oil & Gas Company
Superior Federal No. 1
Section 20, T-20-S, R-27-E
Eddy County, New Mexico

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Gentlemen:

The following is the information requested in connection with your instructions dated May 9, 1972, pertaining to an approval for a permit to drill.

1. The closest existing road to the proposed location is that road from Carlsbad to Lakewood, which crosses the dam on Lake McMillan.
2. Due to the rocky hills immediately to the West and North of the proposed location, and the low drainage area to the East, the only practical access to the existing Lakewood road is in a diagonal North-easterly direction from the southeast corner of the drilling pad.
3. Inasmuch as this well is a Morrow Sand test in the McMillan pool, it is anticipated that it will be the only well drilled in Section 20. The well is located 1650' FN&WL of the Section.
4. This will probably be the only well drilled in this Section.
5. It is anticipated that the tank battery will be installed in the southeast corner of the drilling pad, the size and number of tanks and separators to be determined after the well is complete.
6. There is no known supply of drilling water in the immediate area and we consequently plan to haul drilling water to this location.
7. All solid waste from the drilling will be either buried or hauled away and any salt water produced with production will be disposed of in an approved subsurface disposal zone.

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September 25, 1972
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8. None.

9. None.

10. See attached Development Plan Plat.

11. Should this well be a dry hole, the pits will be filled and surface restored as near as possible to the original contours. Should this well produce, the pits will be filled and leveled and the pad maintained during the life of production.

12. Please advise if we can furnish any additional information which you might desire.

We have contacted the surface lessor on the W/2 of Section 20, and he is aware of our plans, and is agreeable to our proposed method of operation in this area.

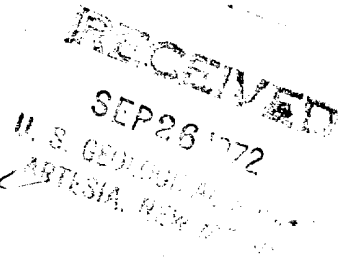
Yours very truly,

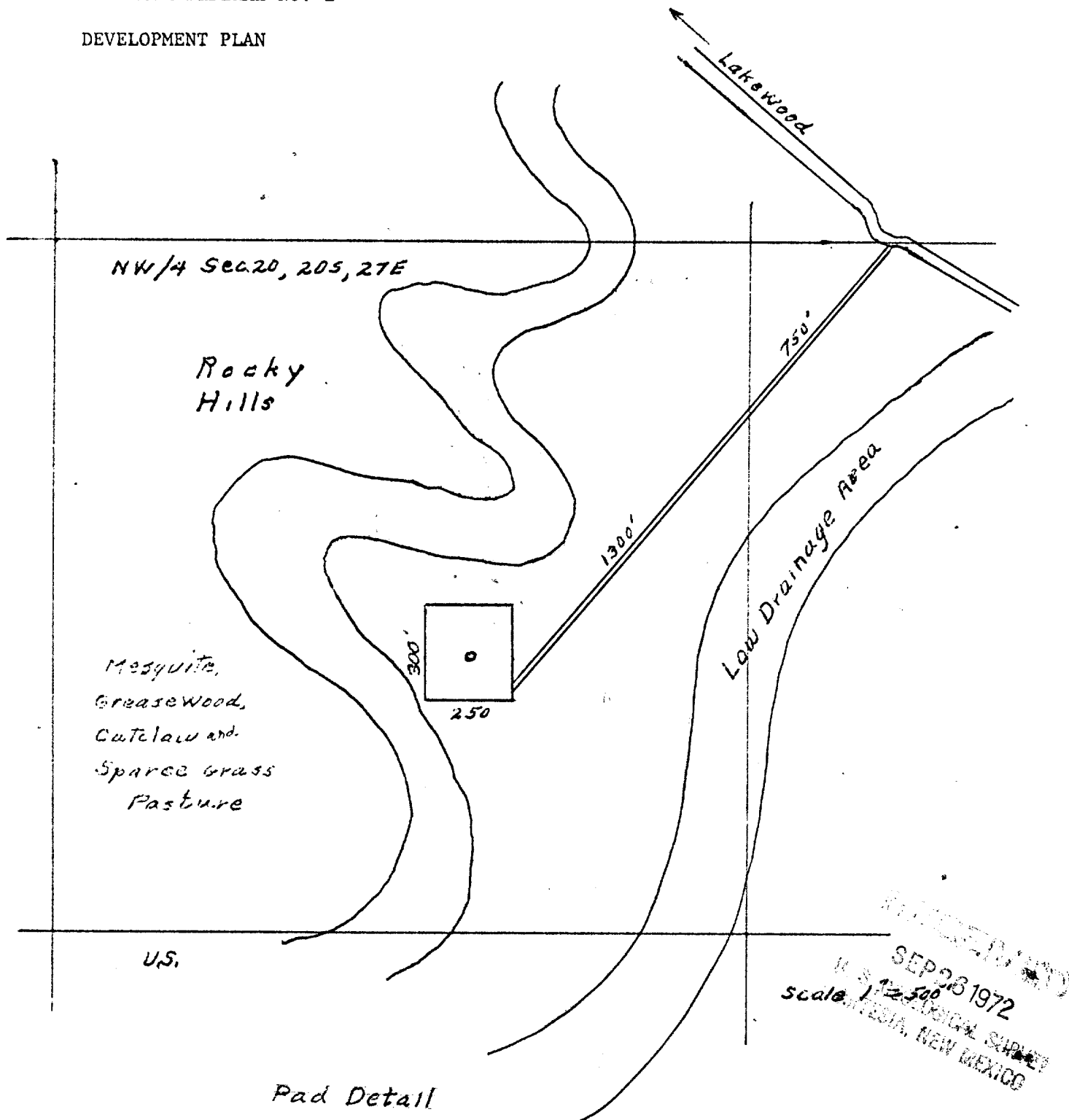
LARIO OIL & GAS COMPANY



D. A. Chase
General Production Superintendent

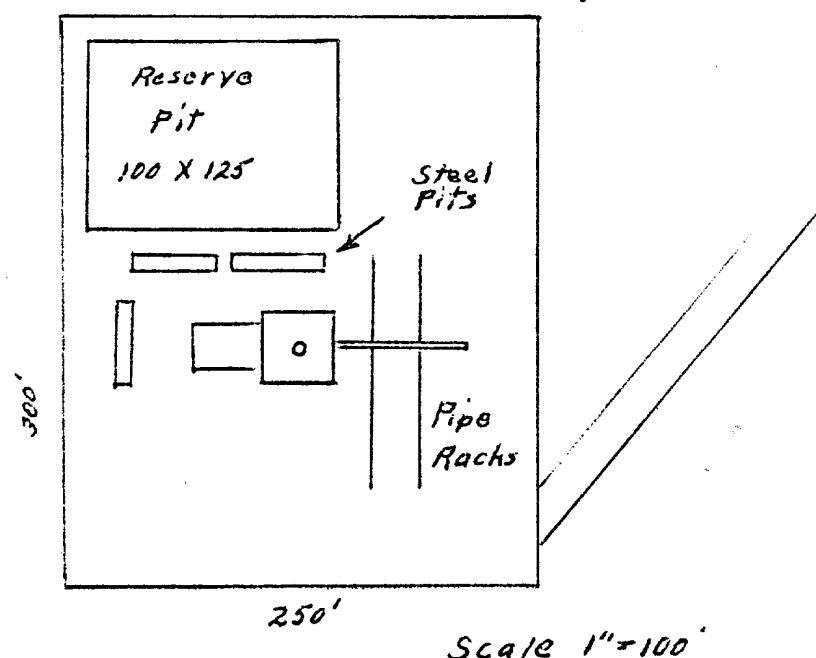
DAC/ab
Attachment.
cc: Production Department - Odessa
Wichita





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SCALE 1:2500
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Pad Detail



Scale 1"=100'