

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

Morris R. Antweil

3. ADDRESS OF OPERATOR

Box 2010 Hobbs, New Mex. 38240

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

At surface

1980' FSL & 1980' FSL Sec. 23-T20S-R38E

At proposed prod. zone

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

10 Mi. South of Hobbs, N. M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660'

16. NO. OF ACRES IN LEASE

280

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.

1320'

19. PROPOSED DEPTH

10,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3563' GR

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	12-3/4"	49#	300'	220 sx. to circ.
11"	8-5/8"	24 & 28#	3000'	200 sx. to 2200'
7-7/8"	5-1/2"	15.5 & 17#	10,000'	700 sx. to 6000'

BOP program - see attached diagram.Mud program - see attached letter.

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

R M Williams

TITLE

Agent

DATE

2 Apr. 74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

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.

RECEIVED

U.S. DEPT. OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PL.**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

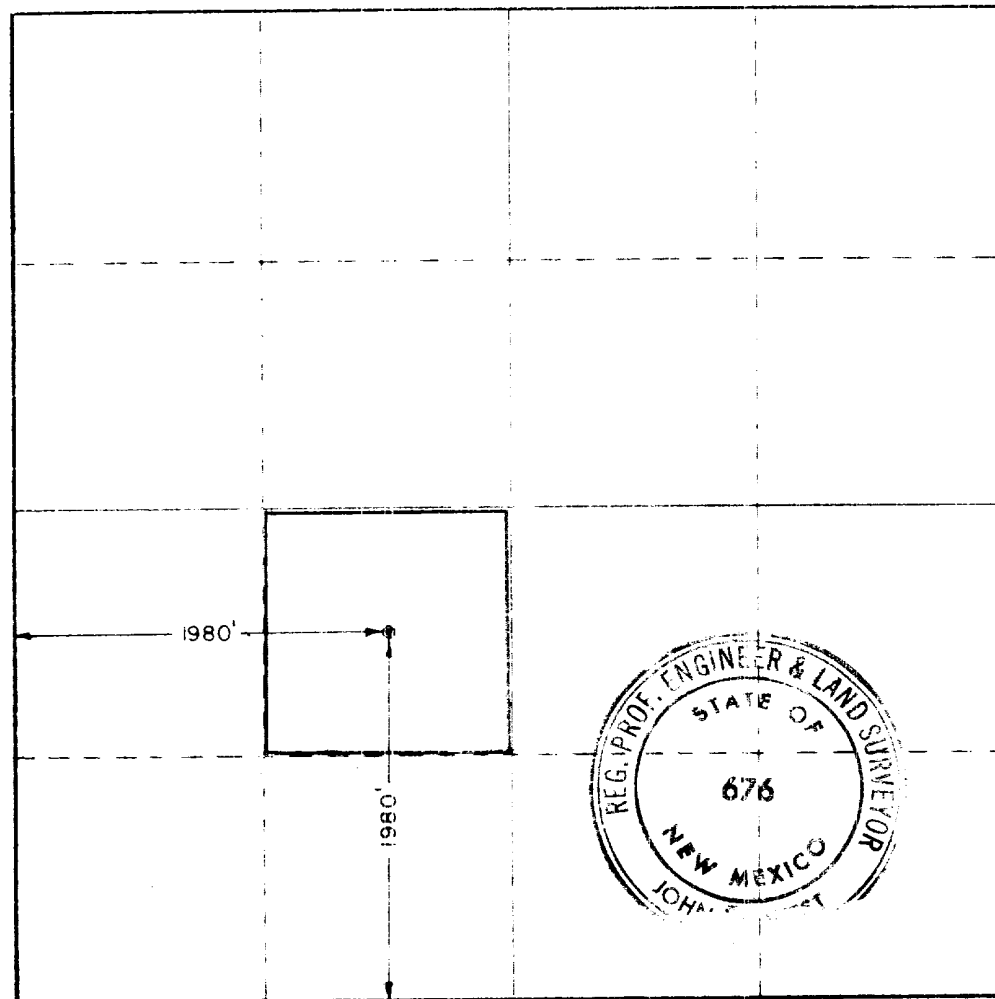
Operator MORRIS R. ANTWEIL			Lease LINDA FEDERAL		Well No. 1
Init Letter K	Section 23	Township 20 SOUTH	Range 38 EAST	County LEA	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1980 feet from the SOUTH line and 1980 feet from the WEST line </div>					
Ground Level Elev. 3563.0	Producing Formation Ellenburger		Pool Undesignated WC	Dedicated Acreage: 40 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.



CERTIFICATION

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

R. M. Williams

Name

R. M. Williams

Position

Agent

Company

Morris R. Antweil

Date

2 April 74

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

MARCH 28, 1974

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No.

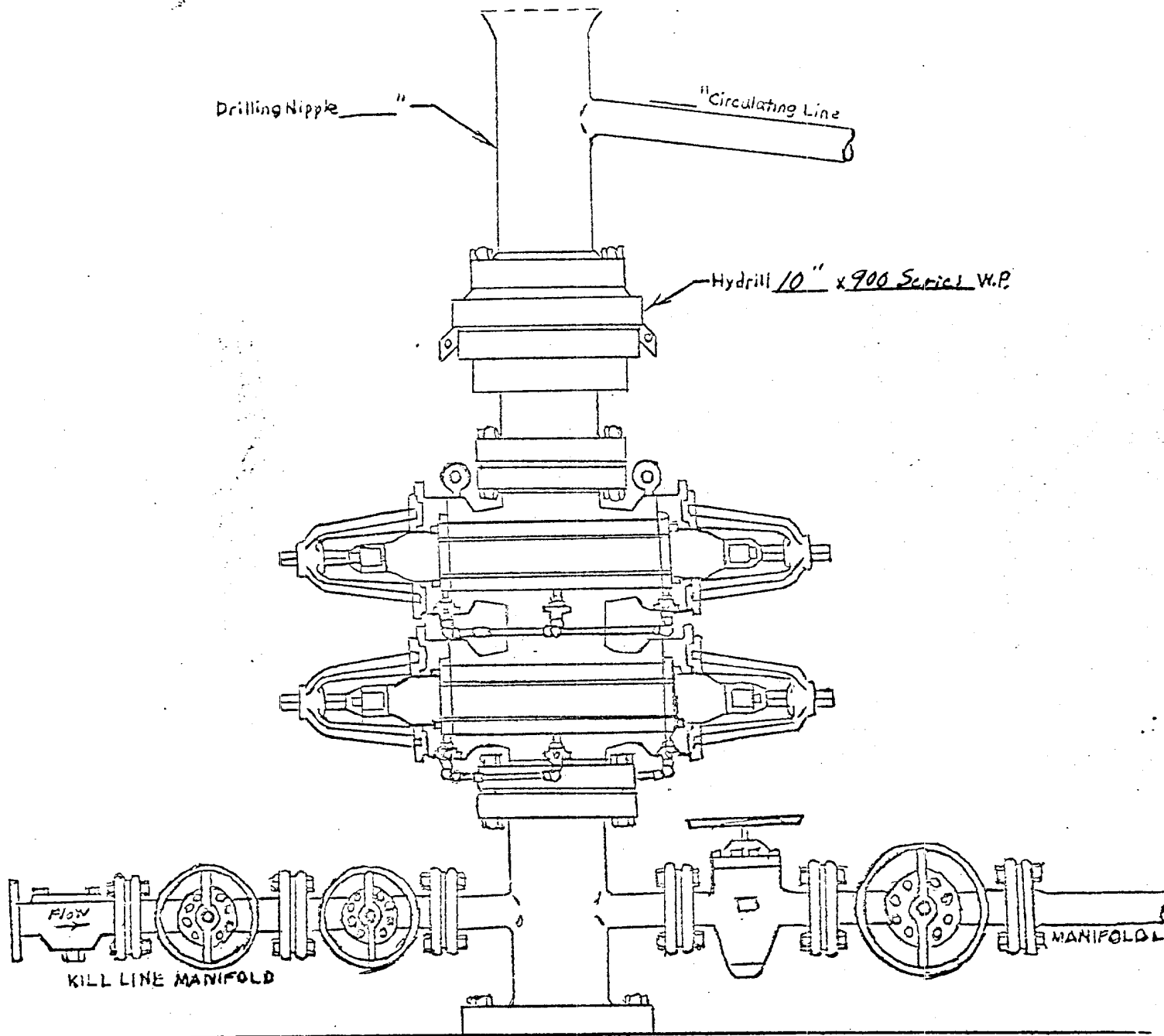
676



WELL NAME: LINDA FEDERAL #1

LOCATION: 1980' FSL # 1980' FWL

Section 23-T205-R38E, Lea Co.



WELL HEAD B.O.P.
10" x 900 Series W.P.

☐ Manual
☒ Hydraulic



POST OFFICE BOX 5564 / MIDLAND, TEXAS 79701

GEORGE R. LOCKER
PRESIDENT

January 17, 1974

Mr. Burton Veteto
Morris R. Antweil
P.O. Box 2010
Hobbs, New Mexico 88240

Dear Burt,

The following is a proposed drilling mud program for your
9,500', Lea County prospect in 23-20-38:

Surface:

Spud with bentonite and lime. No surface problems expected.

Intermediate:

Drill out with fresh water, circulate through reserve pits. Hold
Red Bed viscosity 31-33 sec/1000cc. Mix paper as needed for
seepage. Pipe may be set with native mud.


Production:

Drill out with fresh water. Continue thru reserve pits. Mix
lime for a constant 10.0-11.0 pH control for corrosion. Mix
paper as needed for seepage. Keep water as clean as possible.

At 6,000 feet, initiate the use of Potassium Chloride in the
amount of 3-4% to inhibit all shales to T. D. Mud up with a
Driscop-Flosal type system at 8,500 feet or sooner if fill up
occurs. Minimum properties should suffice. Alter these pro-
perties as the hole dictates.

Excluding unexpected problems of a critical nature, your total
mud cost should not exceed \$ 5,000.00.


Very truly yours,


Joe Henderson

JH/yq

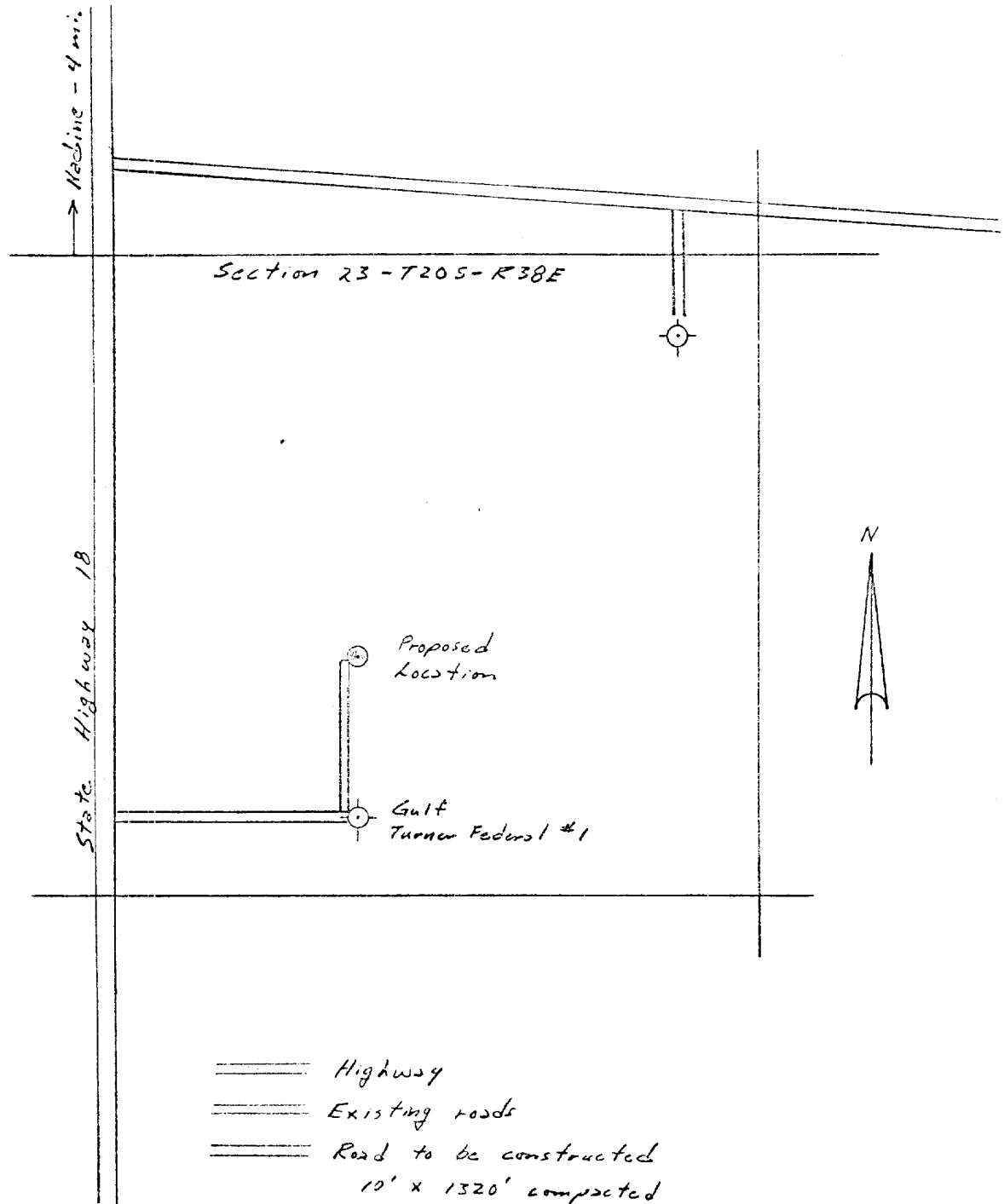
Required Development Plan for Surface Use.

1. See attached Item 1.
2. See attached Item 2.
3. See attached Item 3.
4. See attached Item 4.
5. Tank Batteries and Flow Lines: If production is established, the necessary battery and producing facilities will be located on the location pad and flow lines will be of minimum length.
6. Water Supply: Fresh water for the drilling operations will be purchased and hauled to location from a water hauler in Eunice, N.M.
7. Methods for Handling Waste Disposal: All waste material developing during drilling operations will be buried at the location. Drill cuttings will be buried in the reserve mud pit. All garbage, trash and junk will be buried in a seperate earthen pit.
8. None
9. None
10. See attached Item 10.
11. Location will be restored to its natural grade and contour and reseeded as required.
12. The area is sandy, barren soil with limited grass and mesquite vegetation. There are no prominent topographic features in the area.



Jim L. Sharp, Field Representative
Hobbs, New Mexico
Phone: 505-393-4111

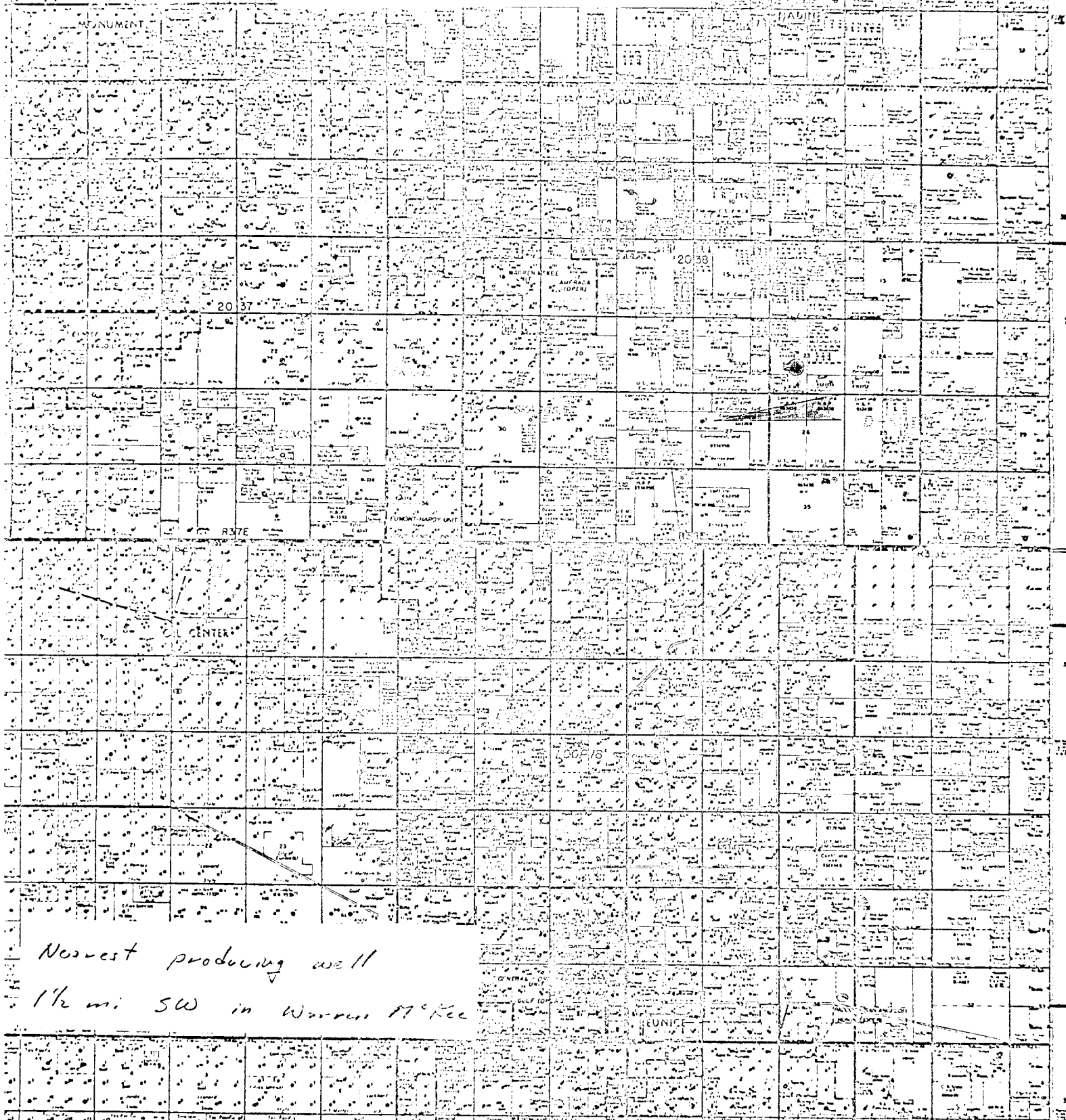
Morris R. Antweil
No. 1 Linda Federal
K-23-20-38, Lea County
1980' FSL - 1930' FWL



Location of Existing Wells
Norris E. Antwerp
Dist. 1 Linda Federal
K-22-20-38

Location of Existing Wells
Norris E. Antwerp
Dist. 1 Linda Federal
K-22-20-38

K-23-20-38



Next producing well

1 1/2 mi. SW in Warren M^cFee

