

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

Artes Oil & Gas Company

3. ADDRESS OF OPERATOR

Box 337, Hobbs, New Mexico

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

1900' NL & 667' WL Sec. 21-18s-33e, Lea County, New Mexico

At proposed prod. zone
Luen

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

8 miles Northeast Holman, New Mexico

15. DISTANCE FROM PROPOSED*

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

660

16. NO. OF ACRES IN LEASE

150

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

4700

20. ROTARY OR CABLE TOOLS

Rotary

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

3838 Ground

22. APPROX. DATE WORK WILL START*

4-25-75

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	3 5/8"	24	300'	sufficient to circulate
7 7/8"	4"	13.5	4700'	200 bxs

Cement behind 4 1/2" casing
must fill to BASE OF SALT

1. It is proposed to set 4" casg. through Luen and 4700; perforate and
treat as necessary.

2. See attachments

3. Condition hole and mud-log at 1,000'.

ILLEGIBLE

JUL 30 1975

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.

original signed by

SIGNED

LESTER L. DUKE

TITLE

Superintendent

DATE

4-2-75

(This space for Federal or State office use)

PERMIT NO.

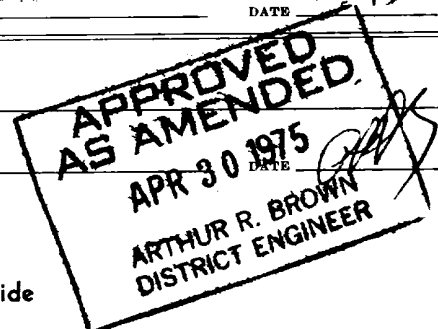
APPROVAL DATE

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.

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

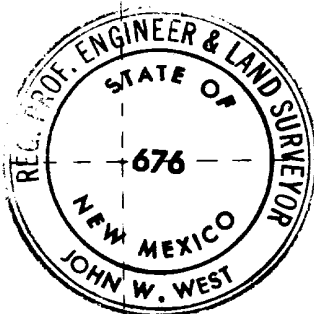
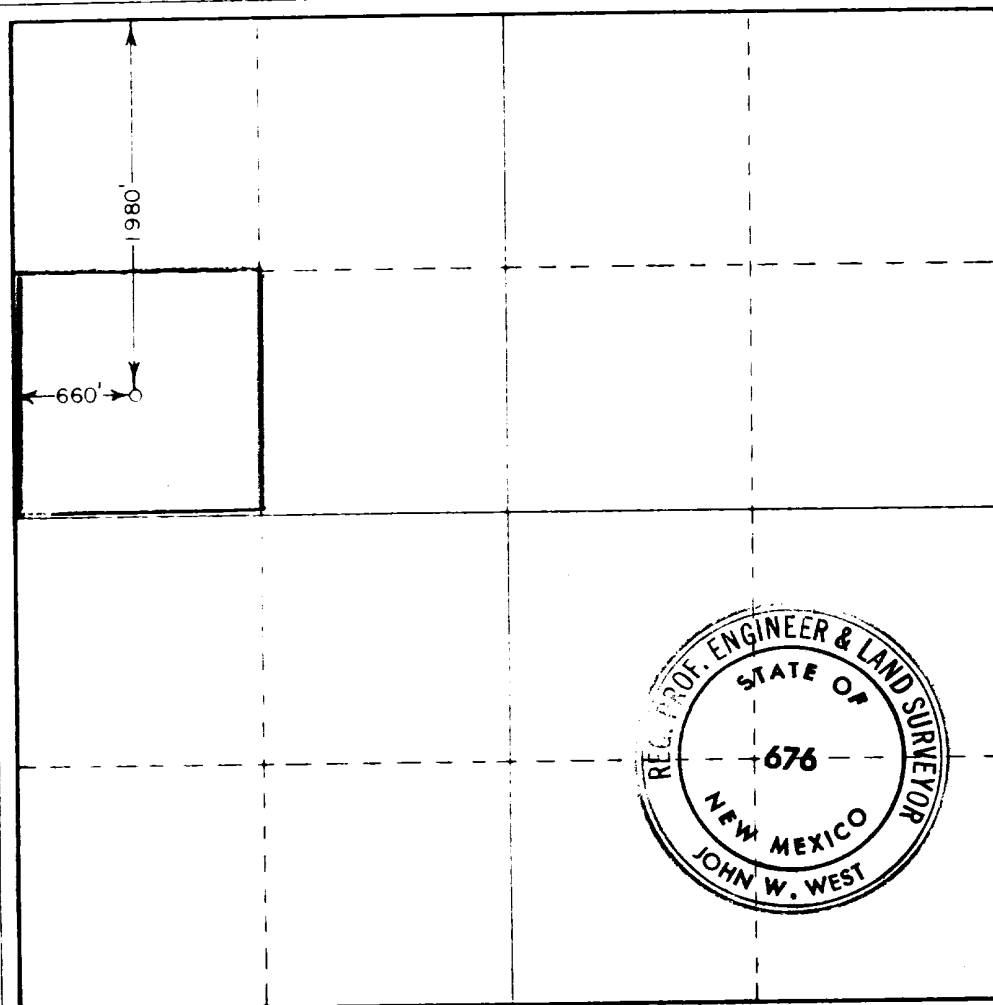
Operator Aztec Oil & Gas Company		Lease Federal "DL"		Well No. 1
Section E	Section 21	Township 18 South	Range 33 East	County Lea
Actual Well Location of Well:				
1980 feet from the North line and		660 feet from the West line		
Ground Elev. Elev. 3838.7	Producing Formation Permian	Pool Permian	Dedicated Acreage: 4.0 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.

Original signed by
LESTER L. DUKE

Name
Lester L. Duke
Position
District Superintendent
Company
Aztec Oil & Gas Co.

Date
April 15, 1975

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
April 17, 1975

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **676**

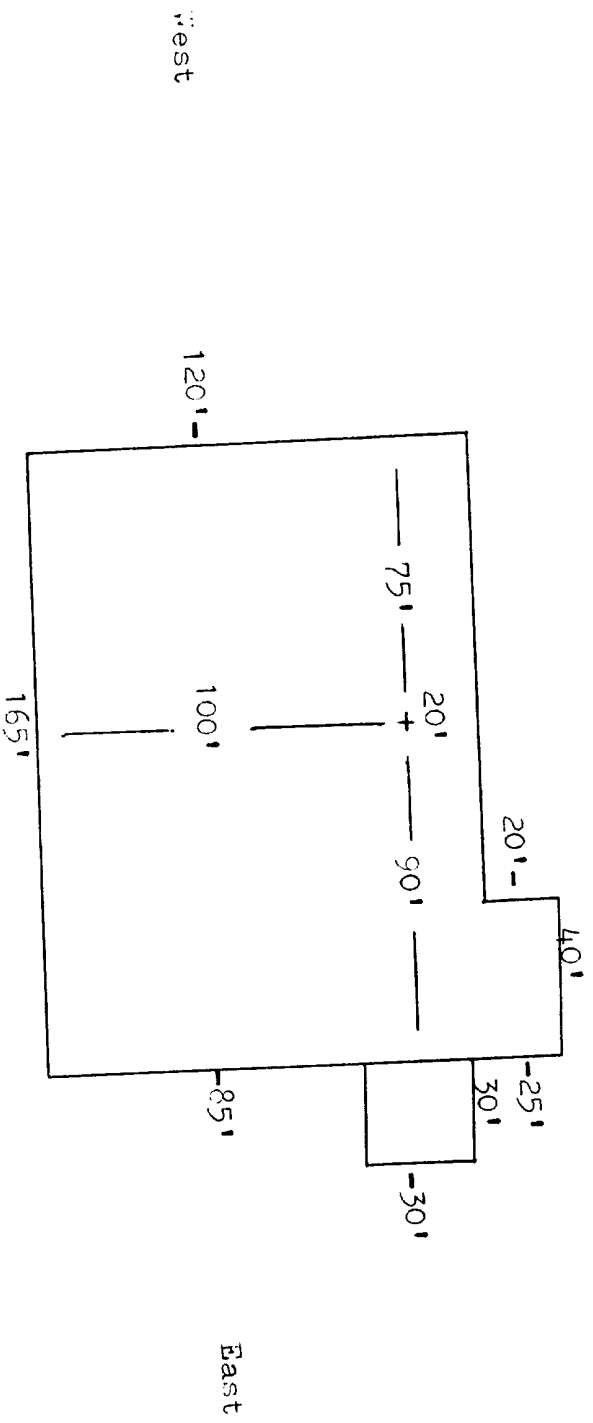
Development Plan for Surface Use

Re: Federal DL No. 1
Sec. 21-18s-33e
Lea County, New Mexico

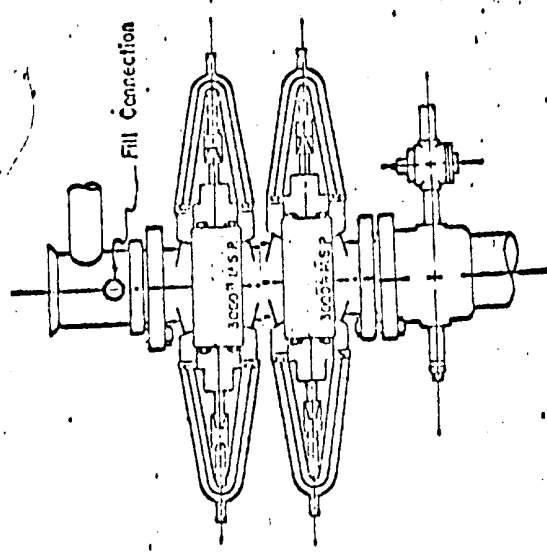
1. Existing Roads (see map)
2. Planned access to location (see area map) 2600' x 12' ROAD
3. Offsetting Pool Wells (None) (see ownership map)
4. Lateral roads to location (None) (See Map)
5. Tank battery and flow lines will be installed on drilling pad after well is completed
6. See area map. Only fresh water supply in area is aqueducts as shown. No. surface and very little subsurface water in area. Drilling water will either be purchased from aqueduct or transported.
7. Drilling contractor will be required to comply with OSHA requirements. There will be a burn pit for trash and junk disposal.
TRASH AND JUNK SHOULD BE
BURIED IN A SEPARATE TRASH PIT
AND COVERED WITH 24" OF SOIL
8. Not applicable
9. Not applicable
10. See drill site exhibit
11. The location will be restored to the satisfaction of the Bureau of Land Management.
12. This area consists of small sand dunes, shinners, scrub mesquite bushes, and small patches of grass. The drilling of this well will not adversely affect the environment.
13. Blow-out prevention equipment will be 3000 psi working pressure listed according to industry standards. (see exhibit)

North

DERRICK RIGS / CACTUS DRILLING COMPANY



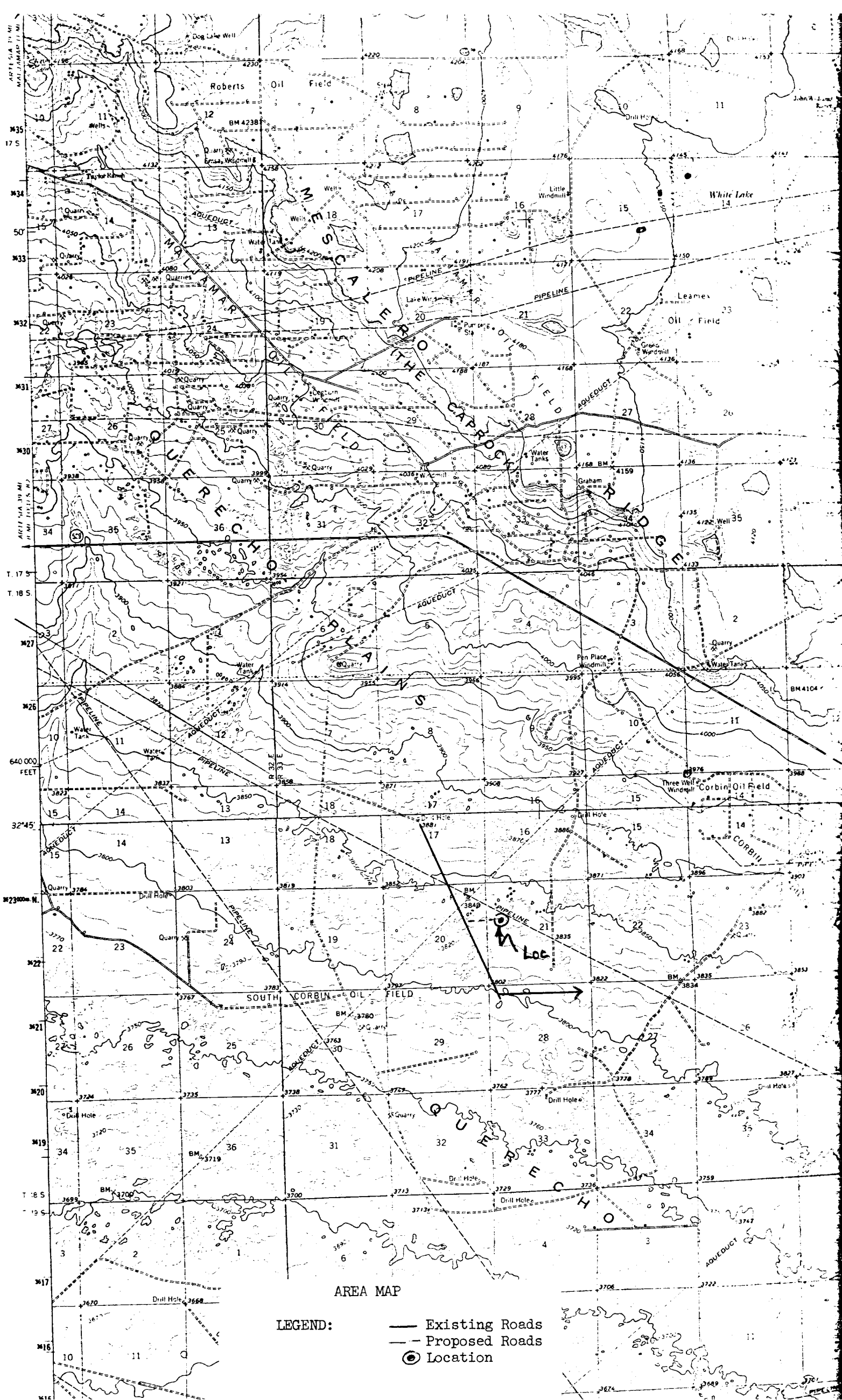
South

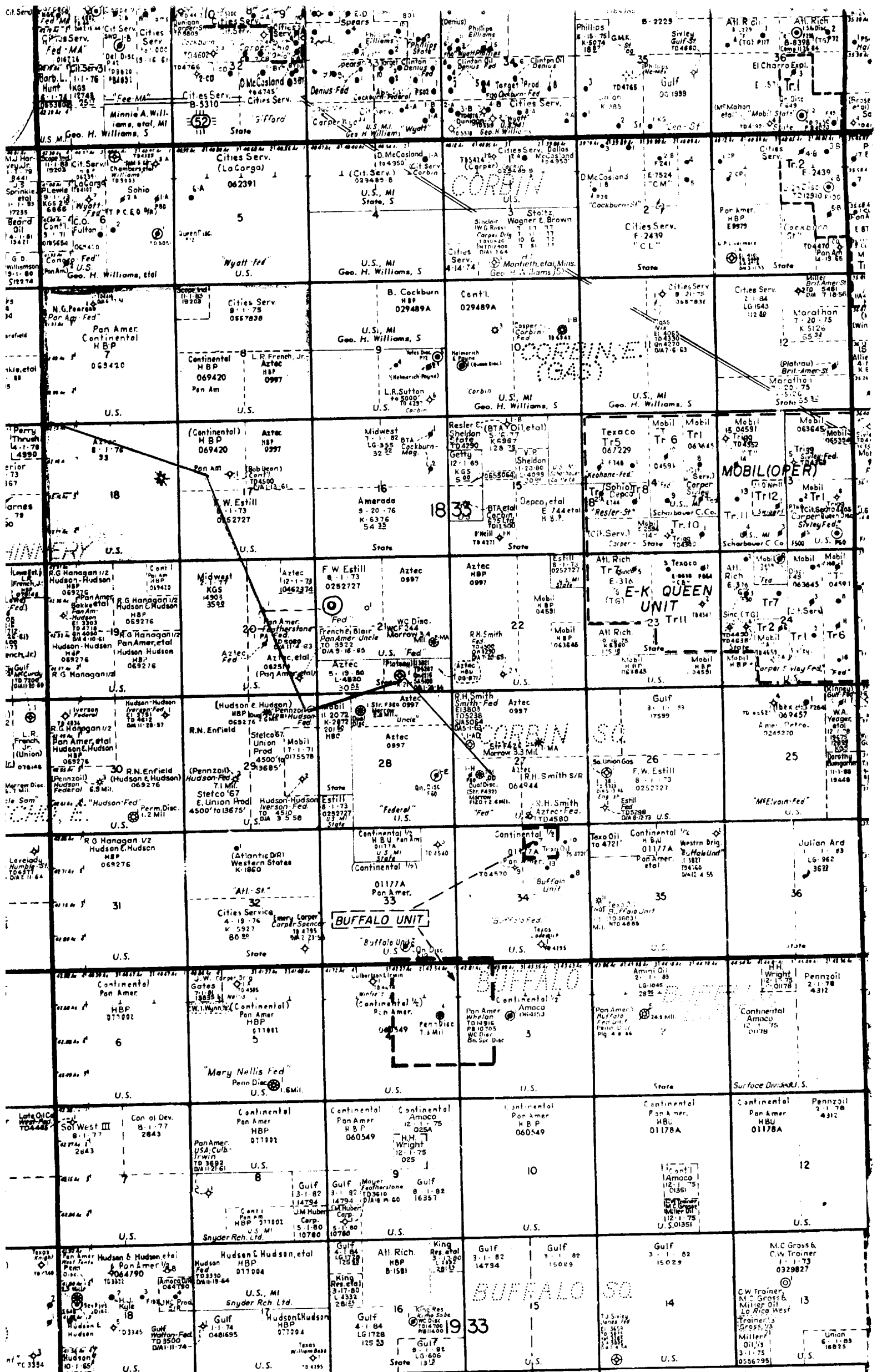


Shaffer Type E Series 900
Hydraulic B.O.P.

3,000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP

Series 900 Flanges, or Better





OWNERSHIP MAP
LEA COUNTY - New Mexico

○ Location
--- Proposed Road
— Existing Roads