

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

(Other instructions on
reverse side)

30-025-26632

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

Conoco Inc.

3. ADDRESS OF OPERATOR

P.O. Box 460, Hobbs N.M. 88240

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

At surface

660' FNL & 660' FNL

At proposed prod. zone

same

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 drilg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

6830'

20. ROTARY OR CABLE TOOLS

Rotary

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

3547.6' 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
12 1/4"	9 5/8"	36"	1600'	593 sx.
8 3/4"	7"	26"	6830'	1228 sx.

It is proposed to drill a straight hole to a TD of 6830'
and complete it as a Blinebry & Tubb dual oil well.

See attachments for 10-point well plan & 13-point Surface Use Plan.

RECEIVED

JAN 3 1980

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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

Wm A. Butterfield

TITLE Administrative Supervisor

DATE 12-31-79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

USGS - 6
NAFH - 4
FILE
JFB - 2

TITLE

*See Instructions On Reverse Side

APPROVED
AS AMENDED

JAN 11 1980

ACTING DISTRICT ENGINEER

NOV 10 1980

RECEIVED
JAN 1 1980
OIL CONSERVATION

RECEIVED
JAN 1 1980
OIL CONSERVATION

ATTACHMENT TO FORM 9-331 C
APPLICATION FOR PERMIT TO DRILL

Conoco Inc.
Warren Unit No. 79
Section 35, T-20S, R-38E
Lea County, New Mexico

1. The geologic name of the surface formation is Pleistocene Sand.
2. The estimated tops of important geologic markers are shown on the attached Proposed Well Plan.
3. The estimated depths at which anticipated water, oil, gas or other mineral-bearing formations to be encountered are shown on attached Proposed Well Plan.
4. The proposed casing program is as follows:

0' - 1600' 9 5/8", 36#, K-55, STC
0' - 6830' 7", 26#, K-55, STC
5. A drawing of an API Series 900 Blowout Preventer Specification is attached. Pipe rams and blinds will be checked to 1,000 PSI for 30 minutes when BOP is installed. BOP will be checked when casing string is set and operated daily for checks.
6. The proposed mud program is as follows:

0' - 1600' 8.5 - 9.0 ppg spud mud
1600' - 6830' 9.0 - 10.0 ppg salt gel
7. The auxiliary equipment to be used is:

(1) kelly cocks
(2) floats at the bit
8. It is proposed to run GR CAL CNL FDC PDC logs at selected intervals.
9. No abnormal pressures or temperatures are expected to be encountered in this well.
10. The anticipated starting date is February 1, 1980 with a duration of approximately 17 days.

PROPOSED WELL PLAN OUTLINE

WELL NAME: WARREN UNIT NO. 79

COUNTY: LEA

LOCATION: 660' FNL & 660' FWL
Sec. 35, T-20S, R-38E

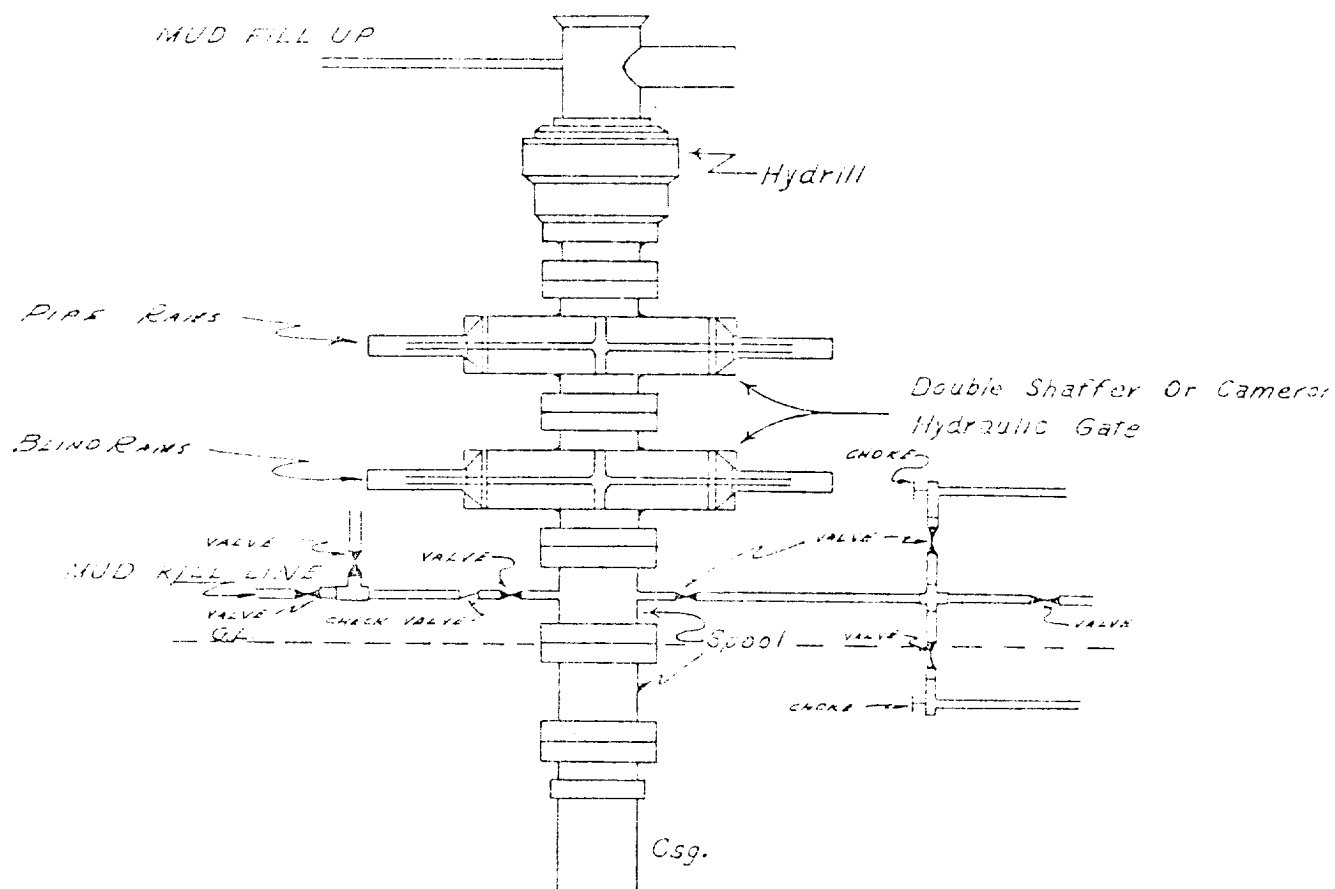
STATE: NM

EST. KB: 3565'

EST. GL: 3550'

[illegible]

CONTINENTAL OIL COMPANY
Blow-out Preventer Control Diagram



NOTE:

API SERIES 900

Manual and Hydraulic controls with closing unit no less than 75' from well head.
Remote controls on rig floor.

DUE TO SUBSTRUCTURE CLEARANCE,
HYDRILL MAY OR MAY NOT BE USED.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form
Supersedes Form OCS-1
1-6-68

All well entries must be from the water hole lease and Section

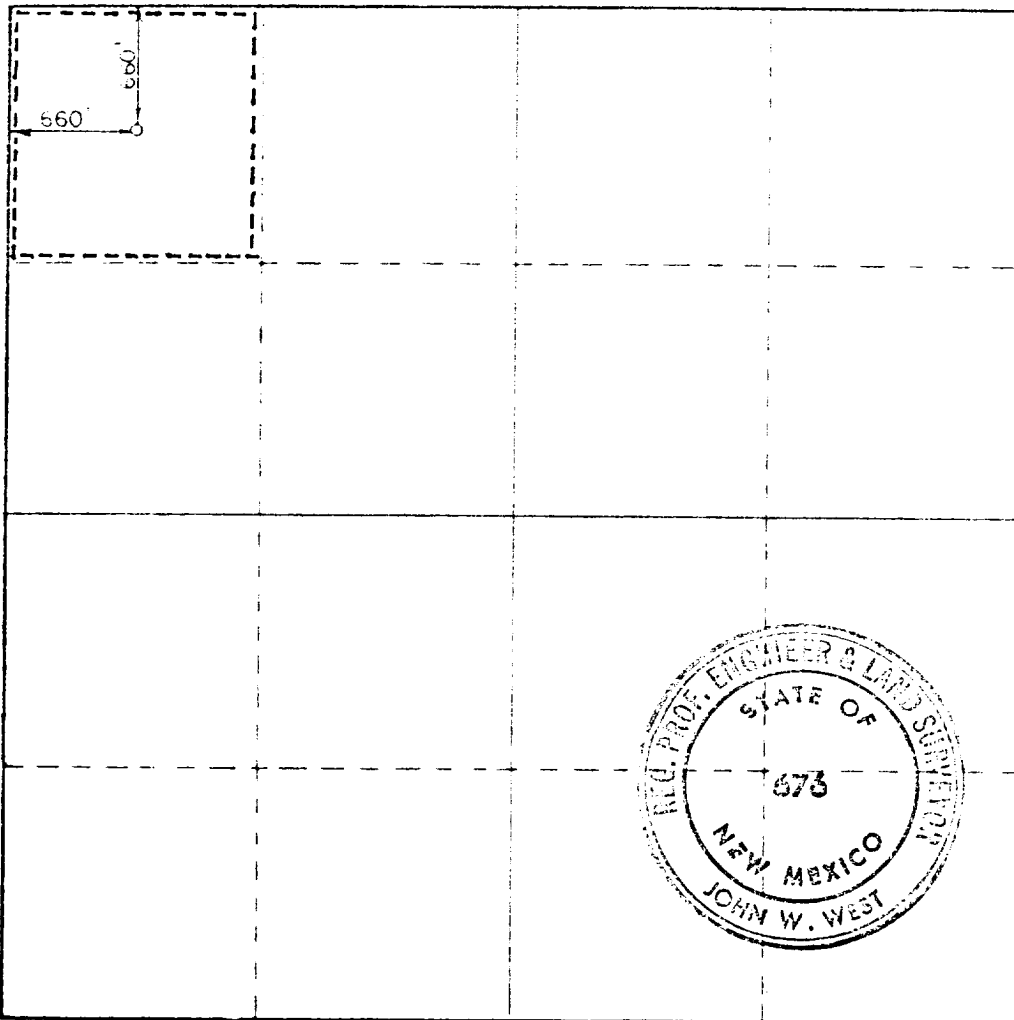
CONOCO, INC.		Section 10E		T1N		R7E	
D 1 39		20 South		11 st		E 10	
660		feet from the North		660		feet from the East	
2547.4		Tubb / Blinebry		Warren Tubb / Blinebry Oil & Gas		40	

1. Outline the acreage dedicated to the subject well by colored pencil or hatch 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 (on 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.

Wm A. Butterfield
Administrative Supervisor
Conoco Inc.

12/20/79

I hereby certify that the well location shown on this plat was plotted from field notes of oil 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 of Survey

December 1, 1977

Registered Professional Engineer and Land Surveyor

John W. West

Certificate No. John W. West 676
Ronald J. Eidson 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

SURFACE USE PLAN
Conoco Inc.
Warren Unit Nos. 79,80
Sections 33 and 35, T20S, R38E
Lea County, New Mexico

The plan is to accompany "Application for Permit to Drill" for the subject wells. The following is a discussion of pertinent information concerning possible effect which the proposed drilling may have on the environment of the wells, road sites, and surrounding acreage. A copy will be posted on the derrick floor so all contractors and sub-contractors will be aware of all items of this plan.

1. EXISTING ROADS

- A. The proposed well sites are:
Warren Unit No. 79 - 660' FNL and 660' FWL, Sec. 35, T-20S, R-38E
Warren Unit No. 80 - 1980' FNL and 1980' FEL, Sec. 33, T-20S, R-38E.
- B. Exhibit A is a portion of a New Mexico road map showing existing roads. Directions to the location are as follows: From Stanolind Road in Hobbs, travel south on Highway 18 approximately 10 miles to Conoco's red, white, and blue cattleguard at the Warren Unit. See Exhibit "C".
- C. Access roads are shown on Exhibits B and C.
- D. No improvement or maintenance is anticipated for the existing roads.

2. PLANNED ACCESS ROADS

- A. Width and length: New roads required will be 16' wide and 1320' long. These new roads are labeled and coded on Exhibits B and C.
- B. Turnouts: two.
- C. Drainage Design: New road will have a drop of 6" from center line on each side.
- D. Culverts, cuts and fills: None required.
- E. Surfacing Material: Six inches of caliche, bladed, watered and compacted.

F. Gates, Cattleguards and Fences: A cattleguard will be required north of Warren Unit No. 79. See Exhibit C.

G. The proposed roads are staked.

3. LOCATION OF EXISTING WELLS

See Exhibit C.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. Tank Batteries: No new tank batteries are required. See Exhibit C for location of existing tank batteries.
- B. Producing Facilities: No new producing facilities are required.
- C. Oil Gathering Lines: Flowlines will lay on the surface alongside the road right of way.
- D. Other Lines: Electrical distribution lines will be constructed on 330' spans as shown in Exhibit E.
- E. Rehabilitation: Pits will be backfilled and leveled as soon as practical to original condition. Commencement of rehabilitation operations will immediately follow removal of drilling and completion equipment from location. Rehabilitation of the surface is planned to be completed within 45 days from commencement.

5. WATER SUPPLY

Water will be hauled over existing roads from Eunice, New Mexico.

6. SOURCE OF CONSTRUCTION MATERIALS

Caliche will be hauled over existing roads from a pit in the SE/4 of the SE/4, Section 15, T-20S, R-38E.

7. METHODS FOR HANDLING WASTE DISPOSAL

Waste Disposal: Well cuttings will be disposed in reserve pit. Barrel trash containers to be in accessible locations within drill site area during drilling and completion procedures. All detrimental waste will be hauled away, burned or buried with a minimum cover of 24" of dirt. See Exhibit "D" for location of pits. If well is productive, maintenance waste will be placed in special trash cans and hauled away periodically. Any produced water will be collected in tanks until hauled to an approved disposal system, or separate disposal applications will be submitted to the survey for appropriate approval.

8. ANCILLARY FACILITIES

None required.

9. WELL SITE LAYOUT

Exhibit "D" shows the relative location and dimensions of the well pad, mud pit, reserve pit, etc. The reserve pit will be lined with plastic. The pad and pits are staked.

10. PLANS FOR RESTORATION OF SURFACE

Pits will be backfilled and leveled as soon as practical to original condition. Commencement of rehabilitation operations will immediately follow removal of drilling and completion equipment from location and rehabilitation of the surface is planned to be completed within 45 days from commencement.

11. OTHER INFORMATION

- A. Terrain: Flat
- B. Soil: Sandy
- C. Vegetation: Grass and shinnery
- D. Surface Use: Grazing
- E. Ponds and Streams: None within one mile
- F. Water Wells: A water well is located approximately 0.75 miles southwest of Warren Unit No. 79
- G. Residences and Buildings: None within one mile
- H. Arroyos, Canyons, Etc.: None within one mile
- I. Well Sign: Sign identifying and locating well will be maintained at drill site with the spudding of the well.
- J. Open Pits: All pits containing mud or other liquids will be fenced.
- K. Archaeological Resources: None observed

12. OPERATOR'S REPRESENTATIVE

Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

Production and Drilling
W. D. Cates or H. C. Pokrandt
1001 North Turner
Hobbs, New Mexico 88240
Phone: 393-4141

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Conoco Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date

12/27/79


H. C. Pokrandt

Production Superintendent

bep

District Engineer
U. S. Geological Survey

Gentlemen:

Re: Warren Unit No. 79

This refers to the Form 9-331C, Application to Drill, Deepen or Plugback accompanying this letter. The undersigned hereby states that he has personally contacted Will Terry Trust, the owner of the surface land where the proposed work is to be conducted and advised him of the proposed work, the construction site and pertinent roads included in the project. It is further stated that, upon being fully advised of the extent of the work and the effect upon the surface, said owner has consented to the said work and that agreement as to the compensation for damages to the surface estate has been reached.

It has been agreed, subject to change at that time, that upon abandonment of operations the roads shall be (ripped ~~or left intact~~) and the pad shall be (ripped ~~or left intact~~).



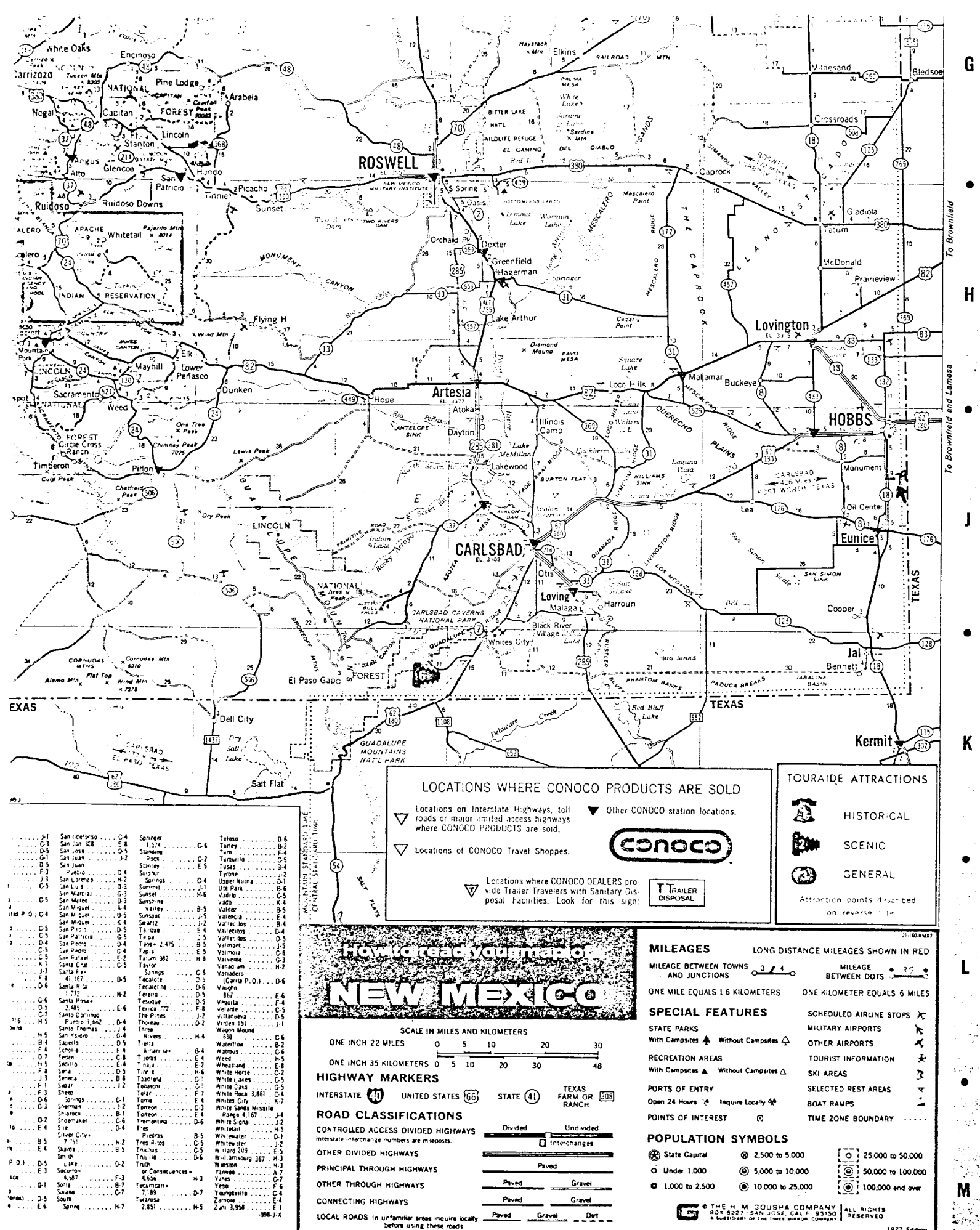
STATE OF NEW MEXICO
COUNTY OF LEA

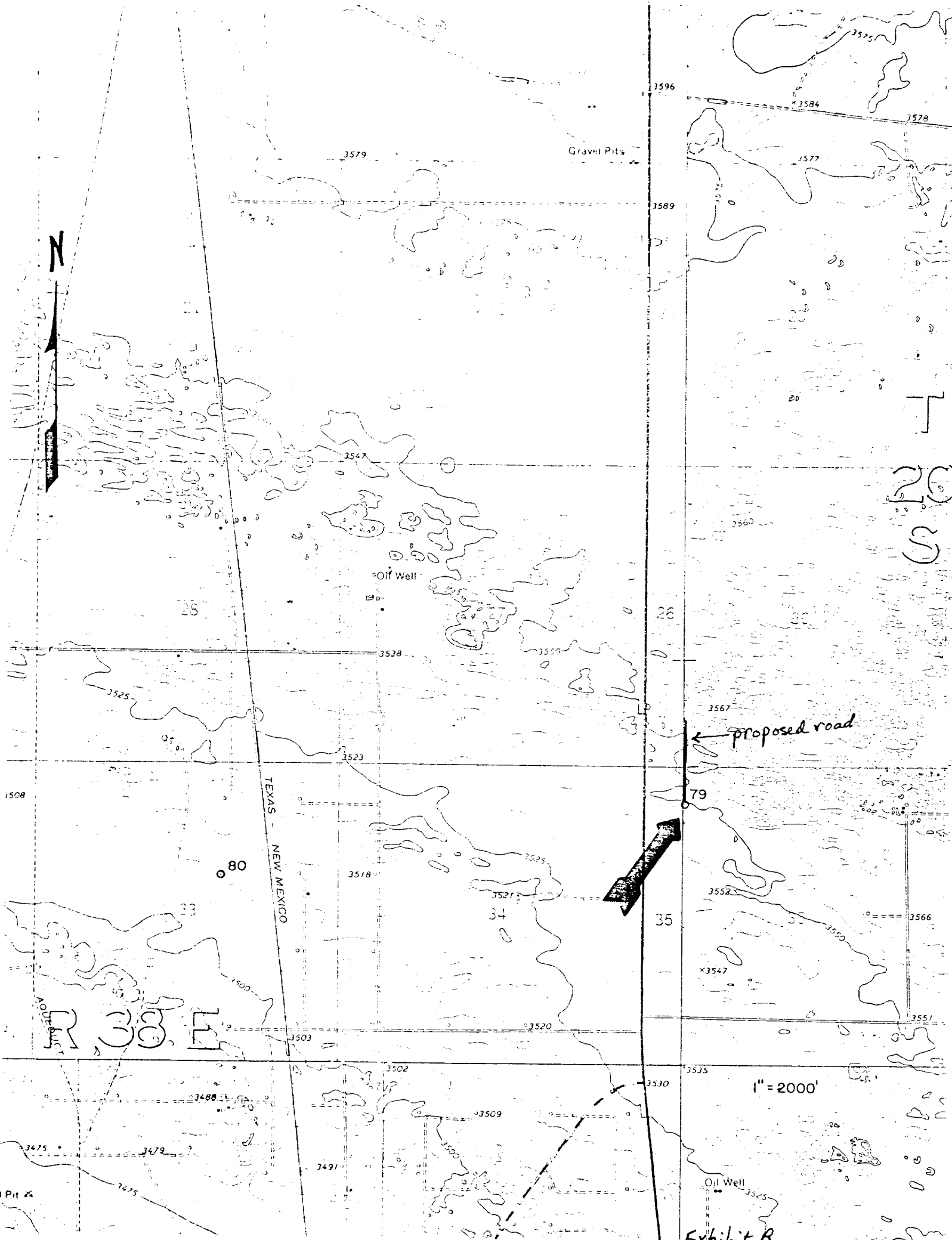
Subscribed and sworn to before me this 31st day of December, 19 79

Notary Public

My commission expires

OFFICIAL SEAL
Signed G. W. Utt
G. W. UTT
NOTARY PUBLIC - NEW MEXICO
NOTARY BONDED WITH SECRETARY OF STATE
My Commission Expires 4-4-83





N

Gravel Pits

Oil Well

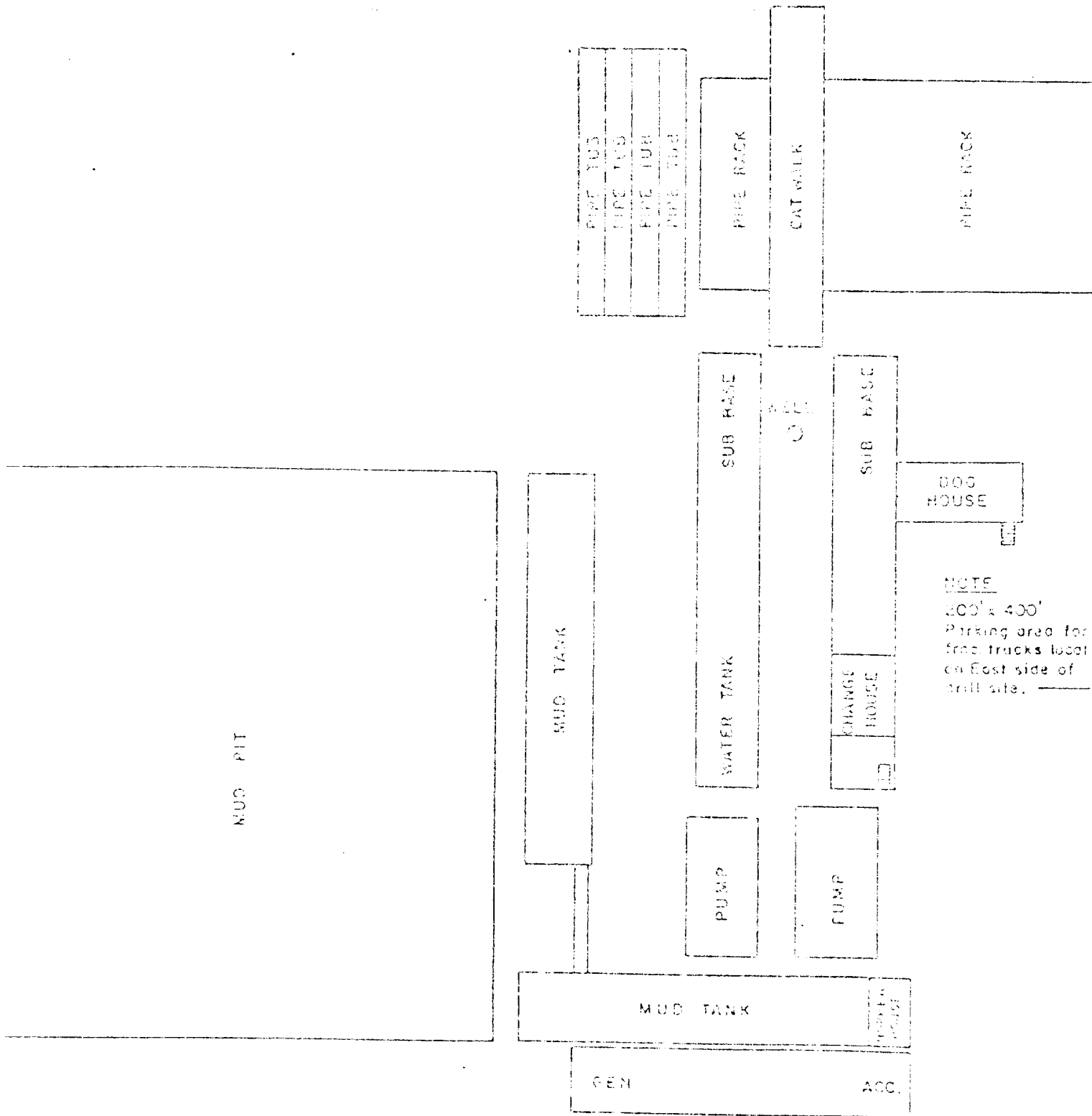
proposed road

TEXAS - NEW MEXICO

1" = 2000'

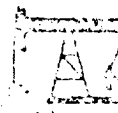
Oil Well

Evil: L + R



APPROX. RIG SITE DIMENSIONS
100' x 200'

CONTINENTAL OIL COMPANY
PRODUCTION DEPARTMENT



RIG LAYOUT

Exhibit D

Engineer: ~~W. J. H. H. H. H. H.~~

Draftsman: B.S.

Date: 1-4-7

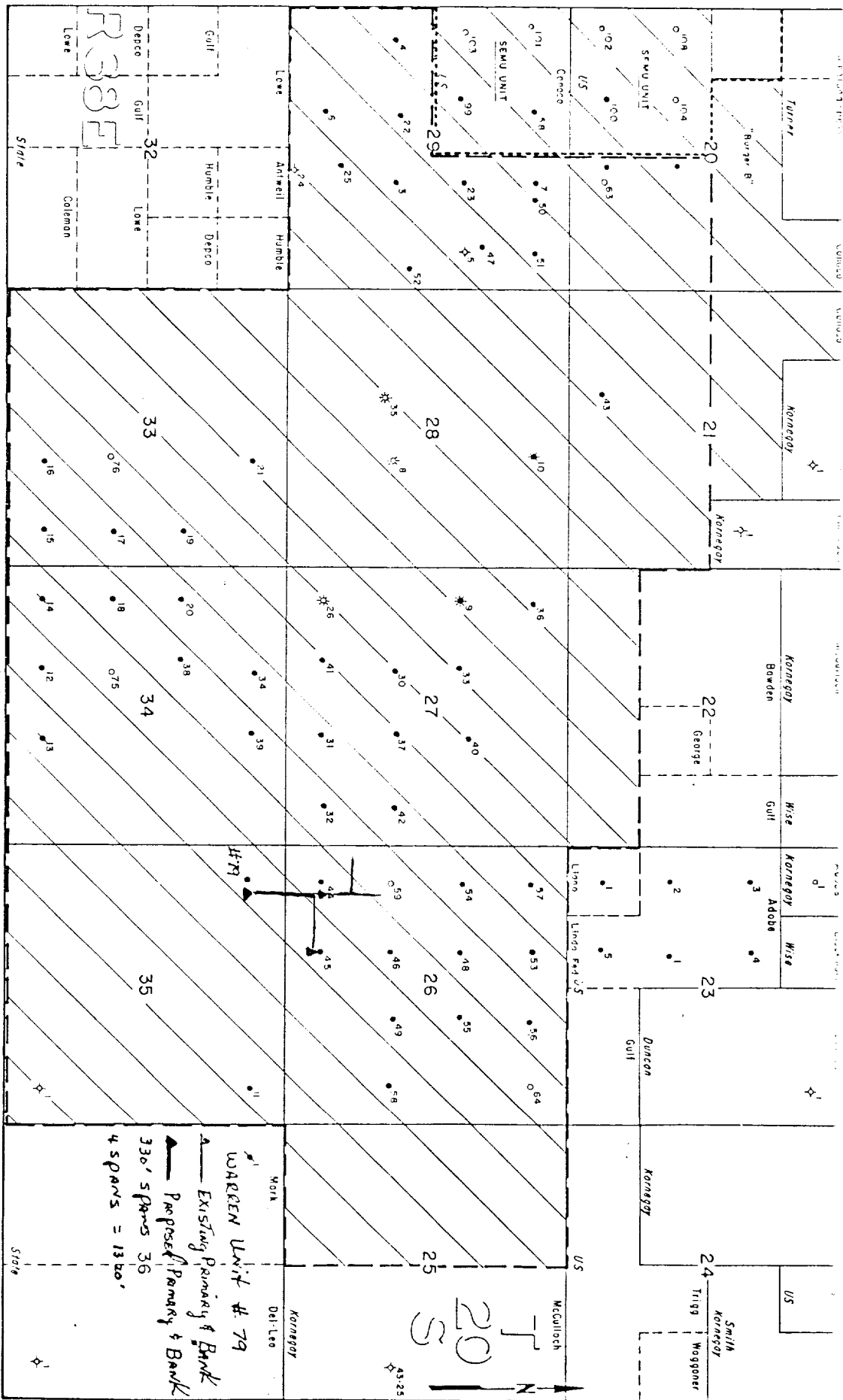
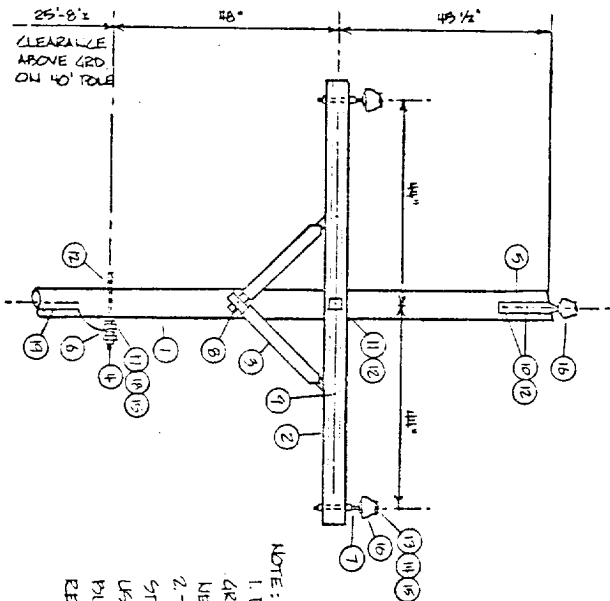


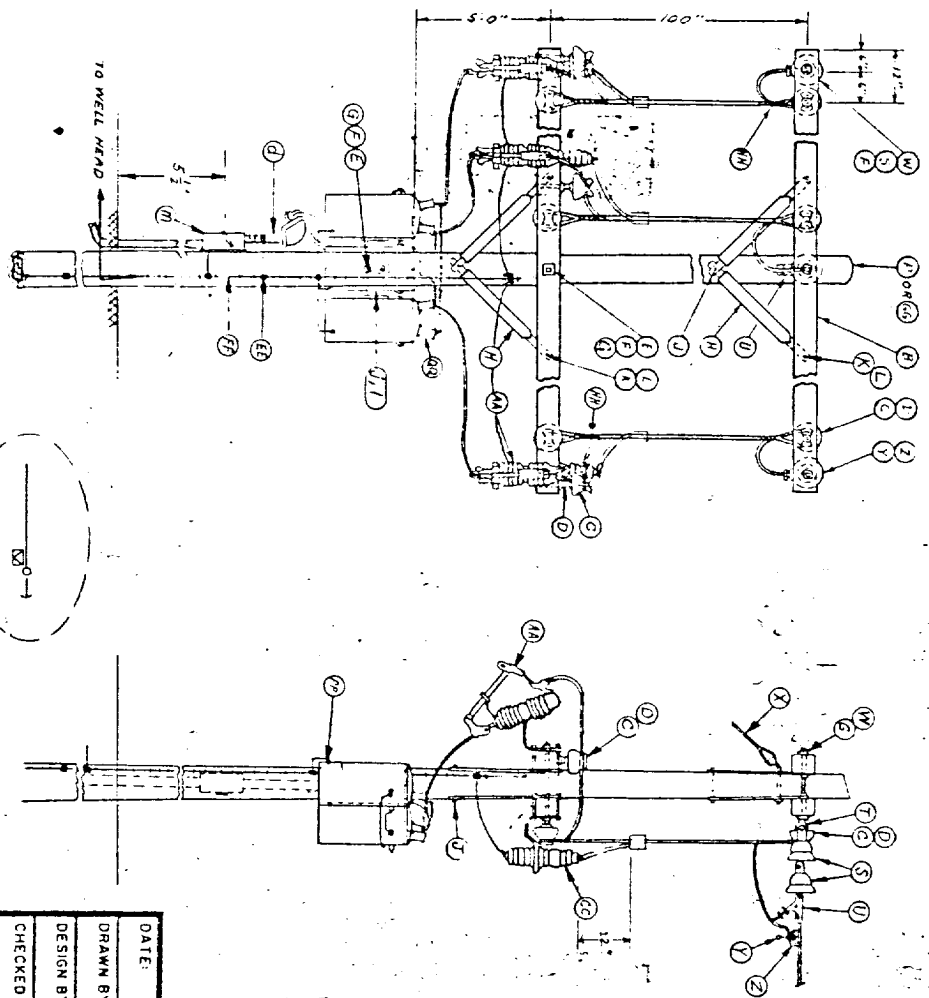
Exhibit E



NOTE:
1. DO NOT INSTALL
GROUND WIRE FIRST
NEUTRAL CONDUCTOR
2. THIS CONSTRUCTION
STANDARD TO BE
USED ON ALL LINES
BUILT ON NATIONAL
RESOURCE LANDS

MATERIALS					
ITEM	DESCRIPTION	REQD	ITEM	DESCRIPTION	REQD
1	POLE, 40'	1	17	NEUTRAL CONDUCTOR	1
2	CROSSARM, 3/4" x 4 1/2" x 8"	1	18	ARMOR ROD	1
3	BRACE, WOOD	2	19	POLE GROUND WIRE, #6 AL.	5
4	STUD BALK	1			
5	SPUD, INSULATOR	1			
6	STEEL PIN, 1/2" x 5"	2			
7	LVL, SCREW, 1/2" x 4"	2			
8	CARRIAGE BOLT, 3/8" x 4 1/2"	2			
9	MACHINE BOLT, 3/8" x 10"	2			
10	MACHINE BOLT, 5/8" x 4"	1			
11	WASHER, 2 1/2" DIA.	5			
12	WIRE CONDUCTOR	3			
13	ARMOR ROD	3			
14	THE WIRE, #6 AL.	1			
15	PIN INSULATOR, 9 KV	3			

DATE: 7-15-71	TITLE: PRIMARY 11 LINE POLE
DRAWN BY: J. TRACY III	12,000 VOLT ACSR
DESIGN BY:	CONOCO
CHECKED BY: SP	PRODUCTION DEPT.
APPROVED BY: SP	HOBB'S DIVISION
SCALE: 1/4" = 1'	JOB: 13, EL. SPCLD
	DRAWING NO: ES-26



ITEM	QTY	REF
B	4	
C	9	
D	9	
E	3	
F	24	
G	12	
H	8	
J	4	
K	8	
L	8	
FORG	1	ES/IA NOTE 5
S	6	
T	3	
U	3	
V	5	
W	5	
X	1	
Y	3	
Z	3	
AA	3	
CC	3	
EE	8	
FF	1	
HH	6	
II	1	ES/IA NOTE 2
MM	1	
PP	3	
QQ	6	

NOTE:
 1. CENTER PHASE ON PANIC WILL HAVE EPOXY INSULATOR, KEARNEY # 922015-24 INCH. (REF-REFER TO DRILL: E-4-25)
 2. ALL WIRE FROM POINT 'U' WILL BE INSULATED TYPE WIRE ON TRANSFORMER PANIC.

DATE:	12-13-71	TITLE:	SINGLE ACIE. SUBSTA.
DRAWN BY:	AKD	1PH. TRANS. CLUSTER MOUNT	
DESIGN BY:	AKD	PRIM. DEAD-END: 1500/400 V ACGR	
CHECKED BY:		PRODUCTION DEPT:	CONOCO
APPROVED BY:		JOB:	HOBBS DIVISION
SCALE:	AS SHOWN	FILED SPECS:	ES-9
		DRAWING NO.:	

ITEM	DESCRIPTION	A. B. CHANCE NO.	JOSLYN NO.	OTHER REFS. NO.	NO SUB.
AA	Primary Cutout - 100 amp, 15 KV, 16000 amp int. cap.	F2AX1015G			X
BB	General Purpose "H" bolt clamp	UC310ACD			
CC	Lightening arrester, 10 KV				
DD	Single phase oil switch, 14.4 KV				
EE	split bolt connector, size req'd				
FF	grounding spec. see dwg. No. ES-11 & ES-1A, note 3				
GG	35' class 4 creosoted pine pole				
HH	Aluminum deadend piteforms for MSR, size req'd				
II	30' class 6 creosoted pine pole				
JJ	OVERHEAD GRND, #4 ACSS - 11 Ref. Dwg ES-11,				
KK	FS-1A - Note 3				
LL	ground connector, motor				
MM	600 V. secondary lightning arrester single phase				
NN	Greenfield Type EF liquid-tight flexible steel conduit, size req'd, w/ necessary liquid-tight connectors.				
OO	req'd size LB fitting & cover & gasket				
PP	transformer tank grounding terminal	CW3-15			
QQ	Bird Guards (insulating boots on transformer bushings)				

DATE: 12-27-71	TITLE: DESCRIPTION MATERIAL
DRAWN BY: E. WINTER	
DESIGN BY:	
CHECKED BY:	
APPROVED BY:	
SCALE: NONE	
JOB: REC SPECS	PRODUCTION DEPT. CONOCO
	HOBBS DIVISION
	DRAWING NO: ES-1
	SHEET 2 OF 3