Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: LC-031670(b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [X]

7. UNIT AGREEMENT NAME: WARREN

8. FARM OR LEASE NAME: WARREN UNIT

2. NAME OF OPERATOR: Continental Oil Company

9. WELL NO.: 58

3. ADDRESS OF OPERATOR: Box 460, Hobbs, N.M. 88240

10. FIELD AND POOL, OR WILDCAT: Warren, Blinebry-Tubb (UNDESIGNATED)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 660' FSL + 660' FEL
At proposed prod. zone: Same

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 22, T-20S, R-38E

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

12. COUNTY OR PARISH: Lea | 13. STATE: N.M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
	1920	40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
	7,000'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3559.7 GR

22. APPROX. DATE WORK WILL START*: 10-16-78

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12¼"	New 9⅝"	32.30#	1650'	675 Sx Circ.
8 3/4"	New 7"	23# & 26#	7000'	1025 Sx.

IT IS Proposed To drill a straight hole To a TD of 7000' and complete as a dual o.i well in the Blinebry and Tubb Zones.

Unless Drilling Operations have Commenced, this approval Expires 7-27-78

See attached for B.O.P. Program, Mud Program, Formation Tops, Logging, ETC.

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. Burkhead TITLE Admin. Supv. DATE 3-14-78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED
APR 27 1978
A. A. L.
ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side

USGS (6), NMFu (4), File (2)

Attachment to Form 9-331 C
Application for Permit to Drill

Continental Oil Company, Warren Unit Nos. 56, 57, 58
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 as follows:

Santa Rosa SS	Approximately 300' Water
Salado	Approximately 1600' Salt
Blinebry	Approximately 5900' Oil
Tubb	Approximately 6500' Oil

4. The proposed casing program is as follows:

   Surface - new 9 5/8" 32.30# K-55 STC set at approximately 1600'
   Production - new 7" 23# and 26# K-55 STC set at approximately 7000'

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' fresh water	8.5-9.0 pounds per gallon
1600'-TD salt gel	9.0-10.0 pounds per gallon

7. The auxiliary equipment to be used is:

   (1) kelly cocks
   (2) floats at the bit

8. It is proposed to run GR-CNL-FDC-DLL logs from TD to 2600'.

9. No abnormal pressures or temperatures are expected to be encountered in this well.

10. The anticipated starting date for the first well is September 1, 1978, with a duration date of approximately 21 days for each well.

District Engineer
U. S. Geological Survey

Gentlemen:

Re: WARREN UNIT NO. 58

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 Earl Kornegay, 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).

E. L. Cates

STATE OF NEW MEXICO
COUNTY OF LEA

Subscribed and sworn to before me this 16th day of March, 1978

Notary Public

My commission expires 2-20-81

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	Lease	Well No.
Continental Oil Co.	Warren Unit	58

Unit Letter	Section	Township	Range	County
P	22	20 South	38 East	Lea

Actual Footage Location of Well:
660 feet from the South line and 660 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3559.7	Blinebry & Tubb	WARREN ~~UNDESIGNATED~~	40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

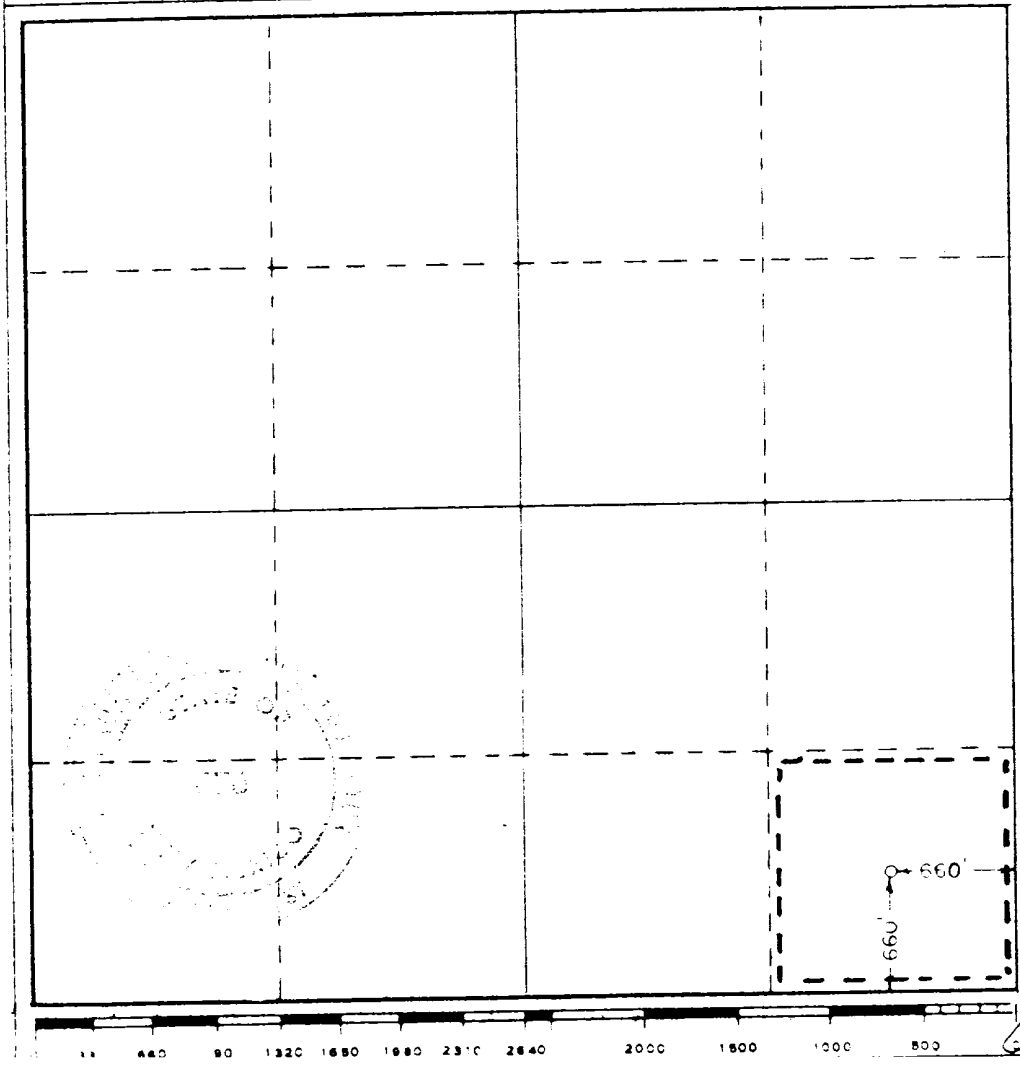
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.

Name: Wm. A. Butterfield
Position: Admin. Supv.
Company: Continental Oil Co
Date: March 14, 1978

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.

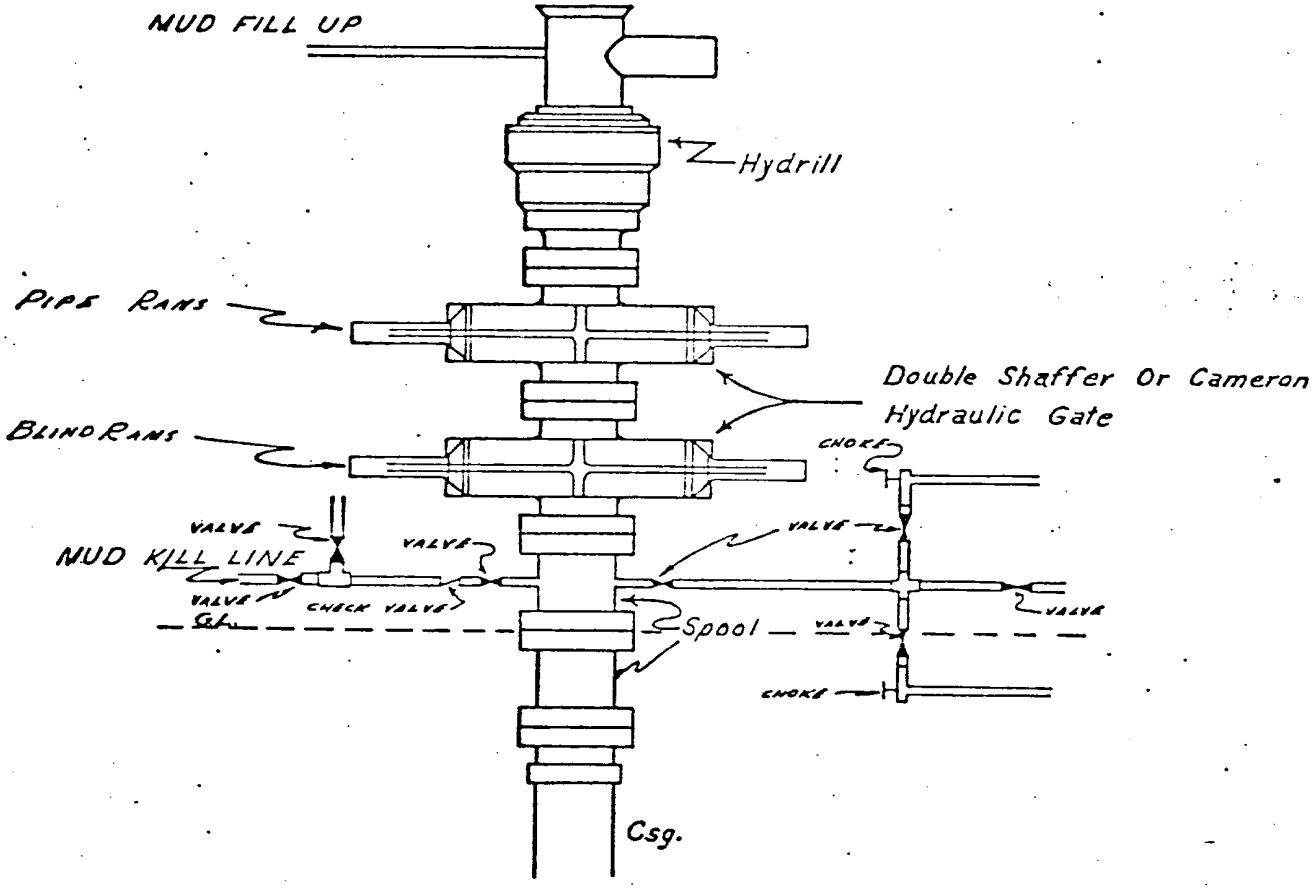
Date Surveyed: 1/6/78

Registered Professional Engineer and/or Land Surveyor

John W West

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

CONTINENTAL OIL COMPANY
Blow- , Preventer Specification



API Series 900

NOTE:

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.

Continental Oil Company

WARREN UNIT NO. 58

PROPOSED WELL PLAN OUTLINE

WELL NAME: Warren Unit No. 58 COUNTY: Lea

LOCATION: 660' FSL & FEL STATE: N.M.

Sec. 22, T20S, R38E

DEPTH	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE (IN)	CASING SIZE (IN)	CASING DEPTH (Ft)	FRACTURE GRADIENT (PPG)	FORMATION PRESSURE GRADIENT (PPG)	MUD WEIGHT (PPG)	MUD TYPE
	Quaternary Water ss. 100-200	Drilling Time Recorder 0-TD								
	Rustler anhy. 1590 Salado salt 1710			12¼"	9⅝"	1650'			8.5-9.0	FRESH WATER
	Tansill anhy. 2650 Yates ss. 2880									
	San Andres dol. 4270									
	Glorieta ss. 5580									
	Blinebry dol. 6030		GR-CNL-FDC DLL TD - 2600				14.9	LESS THAN 8.5		
	Tubb ss. 6430									
	Drinkard dol. 6750							LESS THAN 8.5	9.0-10.0	SALT GEL
	TD 7000			8¾"	7"	7000'	15.1			

Date _____ Prepared by _____

Approved

SURFACE USE PLAN
Continental Oil Company, Warren Unit Nos. 56, 57, 58
T-20S, R-38E
Lea County, New Mexico

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

1. Existing Roads

A. The proposed well sites are as follows:

Well No. 56, 660' FNL and 1980' FWL of Section 26.
Well No. 57, 660' FNL and 1980" FEL of Section 26.
Well No. 58, 660' FSL and 660' FEL of Section 22.

B. Exhibit "A" is a portion of a New Mexico road map showing existing black top roads. Directions to the location (outlined in red on map) from Hobbs, New Mexico are as follows: From the Stanolind Road on the south edge of Hobbs, travel south 9.6 miles on Highway 18 and refer to Exhibit "C" Warren Unit road map for the well location.

C,D,E. The access roads are shown on Exhibits "B", "C" and "D".

F. No improvement or maintenance are anticipated for the existing roads.

2. Planned Access Roads

A. Width and Length: New roads required will be 12' wide and various lengths. These new roads are labeled on Exhibits "B" and "C". (staked)

B. Turnouts: None

C. Drainage Design: New road will have a drop of 6" from center line on each side.

D. Culverts, Cuts and Fills: None

E. Surfacing Material: Six inches of caliche, bladed, watered and compacted.

F. Gates, Cattleguards, Fences: None required.

G. The proposed roads are staked.

3. Locations of Existing Wells

See Exhibit "D"

4. Location of Existing and/or Proposed Facilities

A. Tank Batteries: The existing production header is located in the SW/4 of Section 27 and located on Exhibit "D".

B. Producing Facilities: No additional producing facilities are required.

C. Oil Gathering Lines: The flowline will lay (not buried) along the roads as shown on Exhibit "D".

D. Other Lines: No additional gas gathering, injection or disposal lines will be required.

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 and rehabilitation of the surface is planned to be completed within 45 days from commencement.

F. Power Lines: See attached map for the power distribution.

5. Water Supply

The supply of water will be hauled from Eunice, New Mexico.

6. Source of Construction Materials

A. Caliche for surfacing the new road and the well pad will be obtained from an existing pit in the SE/SE Section 15, T-20S, R-38E as shown on Exhibit "D".

B. Caliche to be purchased from Mr. Earl Kornegay.

C. The caliche to be hauled, from the location of caliche pit, on existing roads to the new roads locations as shown on Exhibits "C" and "D".

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 "E" 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

9. Well Site Layout

Exhibit "E" shows the relative location and dimensions of the well pad, mud pit, reserve pit, trash barrel, 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: Low rolling sand hills. See Exhibit "B", topographic map of area.

B. Soil: Sandy

C. Vegetation: Sparse

D. Surface Use: Grazing

E. Ponds and Streams: None within one mile

F. Water Wells: None within one mile

G. Residences and Building: None within one mile

H. Arroyors, Canyons, Etc.: Monument Draw approximately 4 miles Southwest, see attached Exhibit "B".

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 Respresentative

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

Production and Drilling
W. D. Cates, D. A. Sowers,
E. L. Oshlo or L. P. Thompson
1001 North Turner
Hobbs, New Mexico 88240
Phone: 393-4141

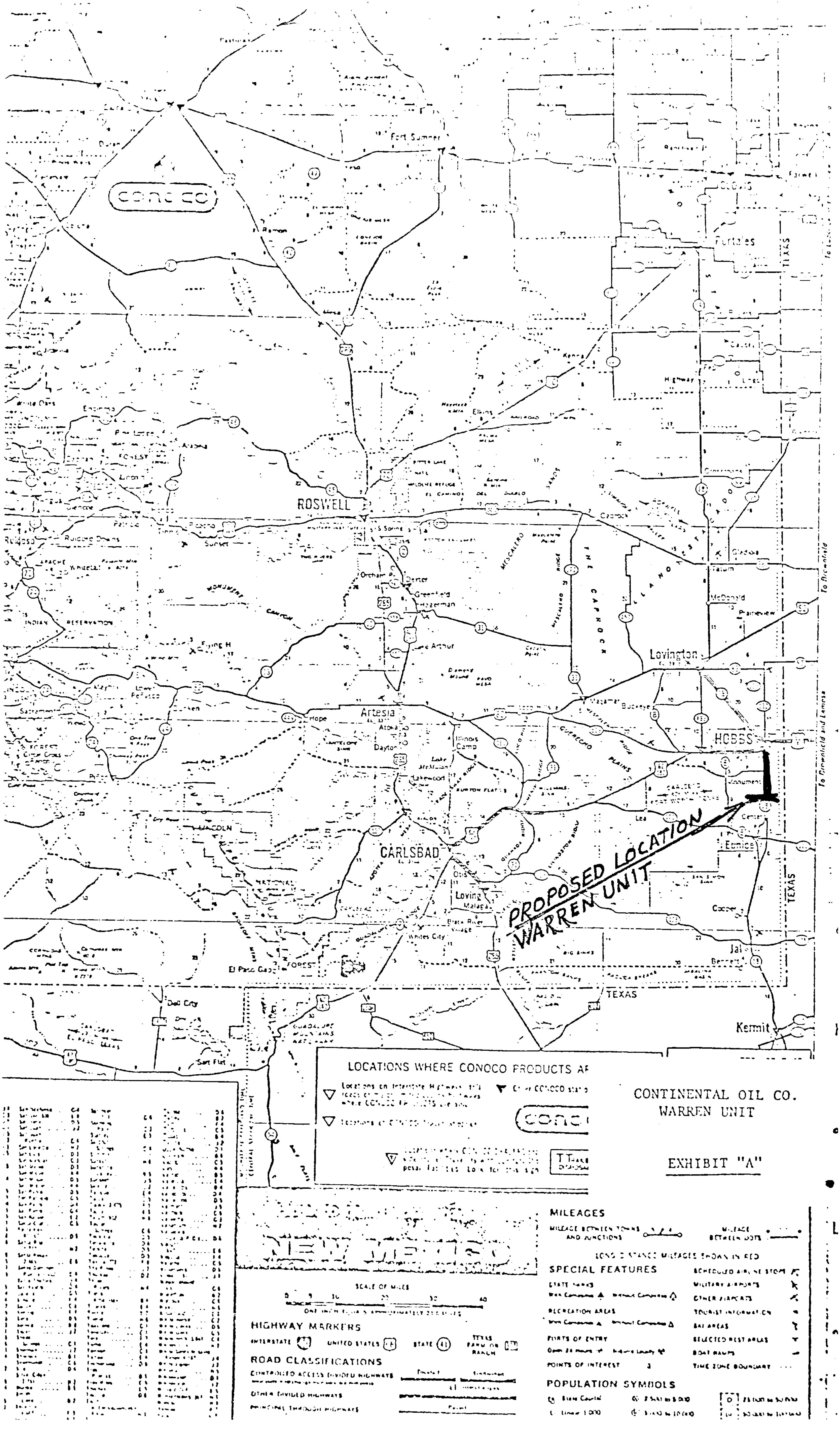
13. Certification

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 Continental Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditons under which it is approved.

3/16/78
Date

E. L. Oshlo
Asst. Div. Mgr.

ses



CONTINENTAL OIL CO.
WARREN UNIT

EXHIBIT "A"

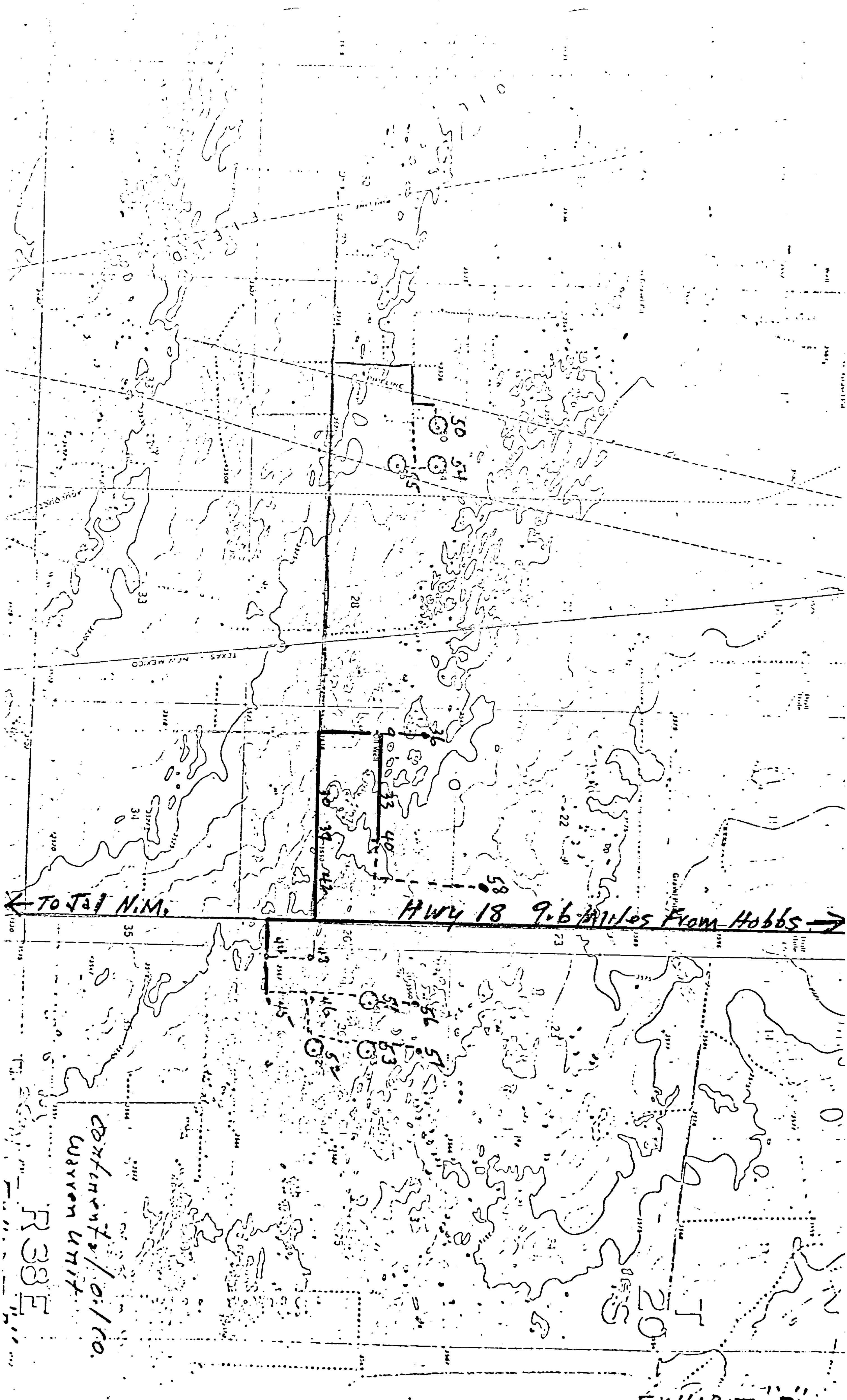
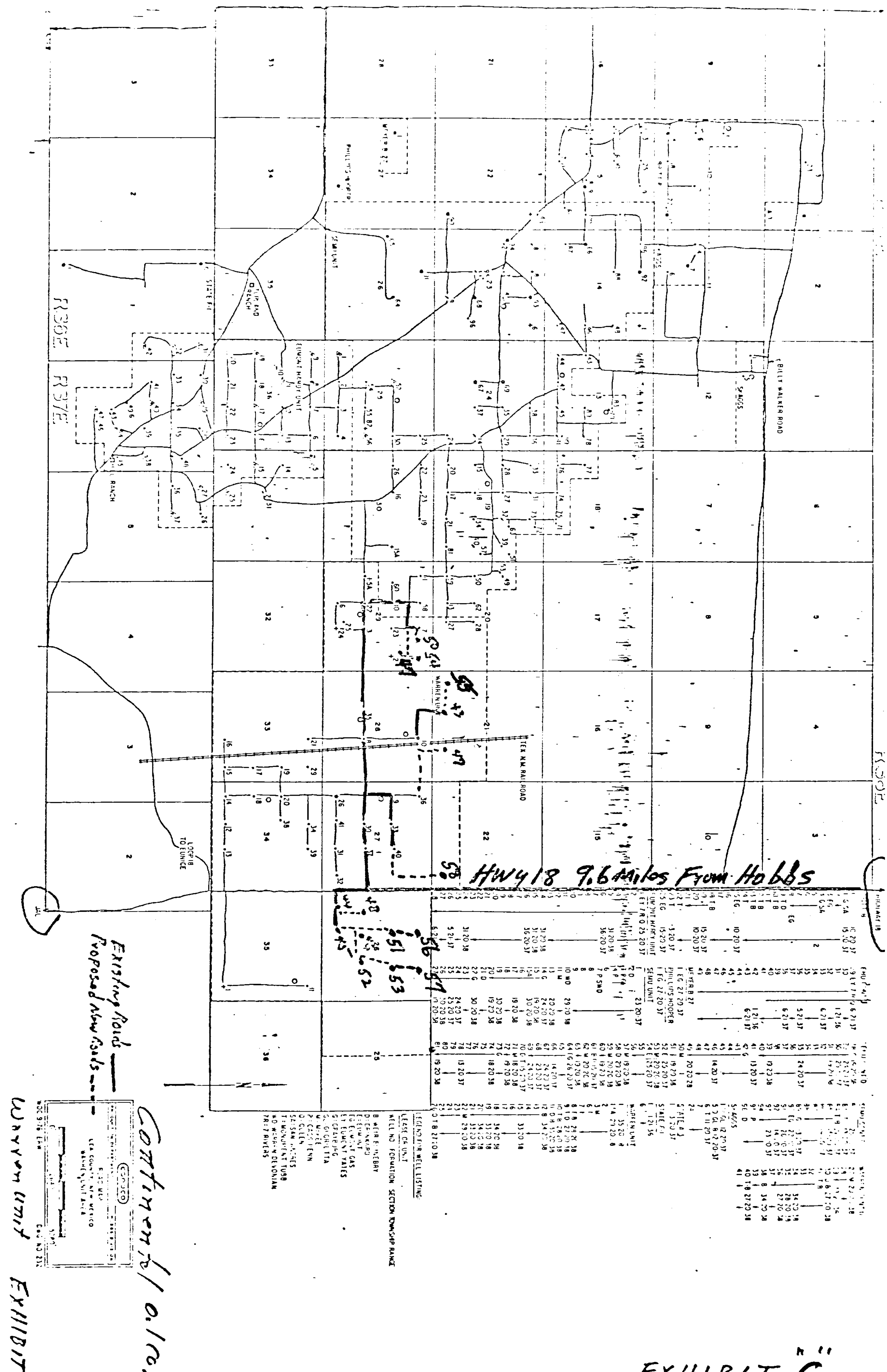

← To Jal N.M.
Hwy 18 9.6 Miles From Hobbs →
Continental Oil Co.
Warren Unit
R38E
T20S
TEXAS NEW MEXICO

EXHIBIT "B"



HW418 9.6 Miles From Hobbs
BILLY WALKER ROAD
TEX N.M. RAILROAD
WARREN UNIT
SEMU UNIT
LOOP 18 TO EUNICE
R36E
R37E
Existing Road
Proposed New Roads
Continental Oil Co.
Warren Unit Exhibit "C"

EXHIBIT "C"

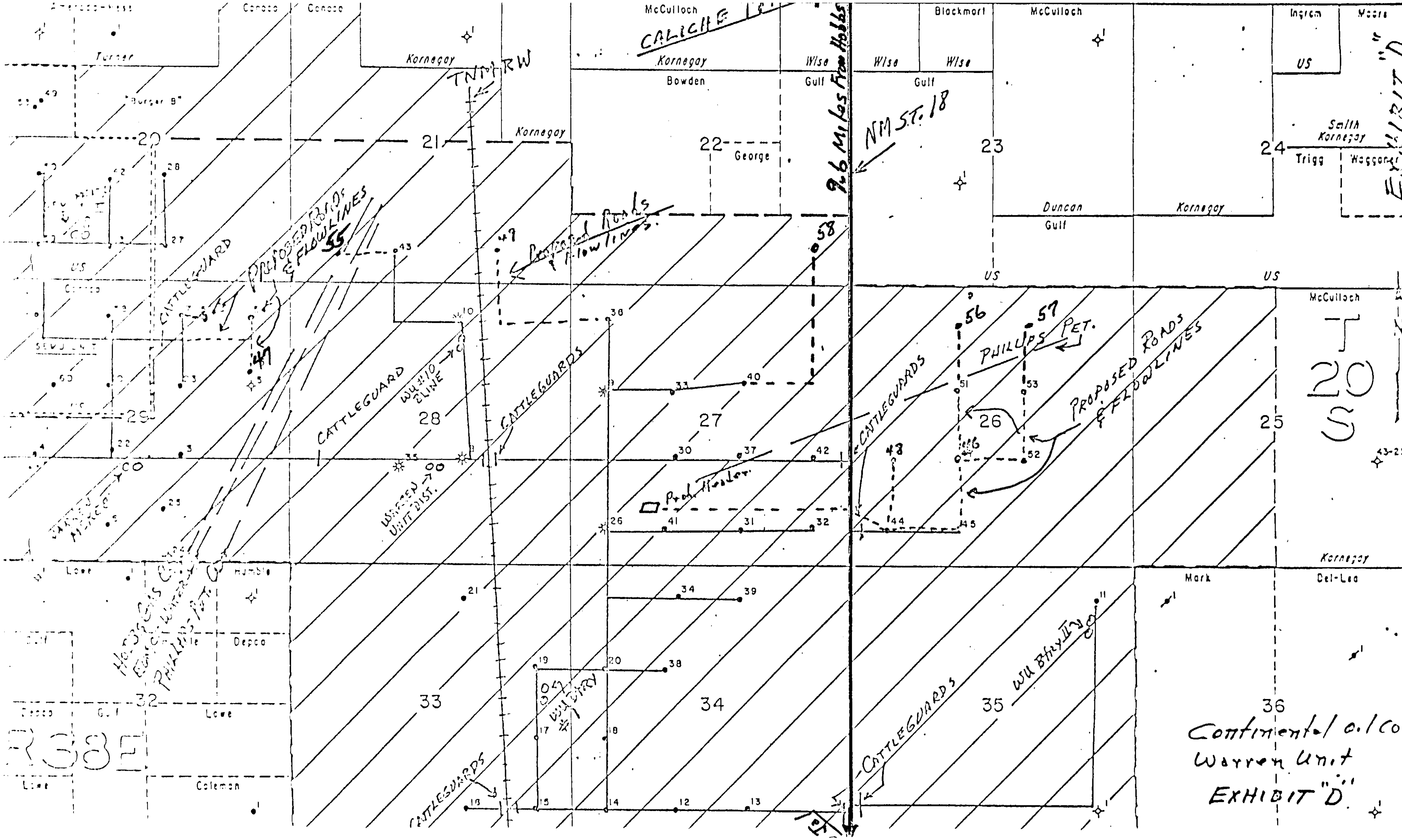


EXHIBIT "D"
Continental Oil Co
Warren Unit
EXHIBIT "D"
T 20 S
R38E
9.6 Miles From Hobbs
NM ST. 18
CALICHE
TNM RW
PROPOSED ROADS & FLOWLINES
Proposed Roads & Flowlines
PROPOSED ROADS & FLOWLINES
PHILLIPS PET.
CATTLEGUARD
CATTLEGUARD
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CATTLEGUARDS
WARREN UNIT DIST.
WU #10 ELINE
Prod. Header
WU BRY II
McCulloch
Kornegay
Bowden
Gulf
Wise
Blackmort
Ingram
Moore
Turner
Conoco
George
Duncan
Smith
Trigg
Waggoner
Mark
Del-Lea
Lowe
Humble
Depco
Coleman
US
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47
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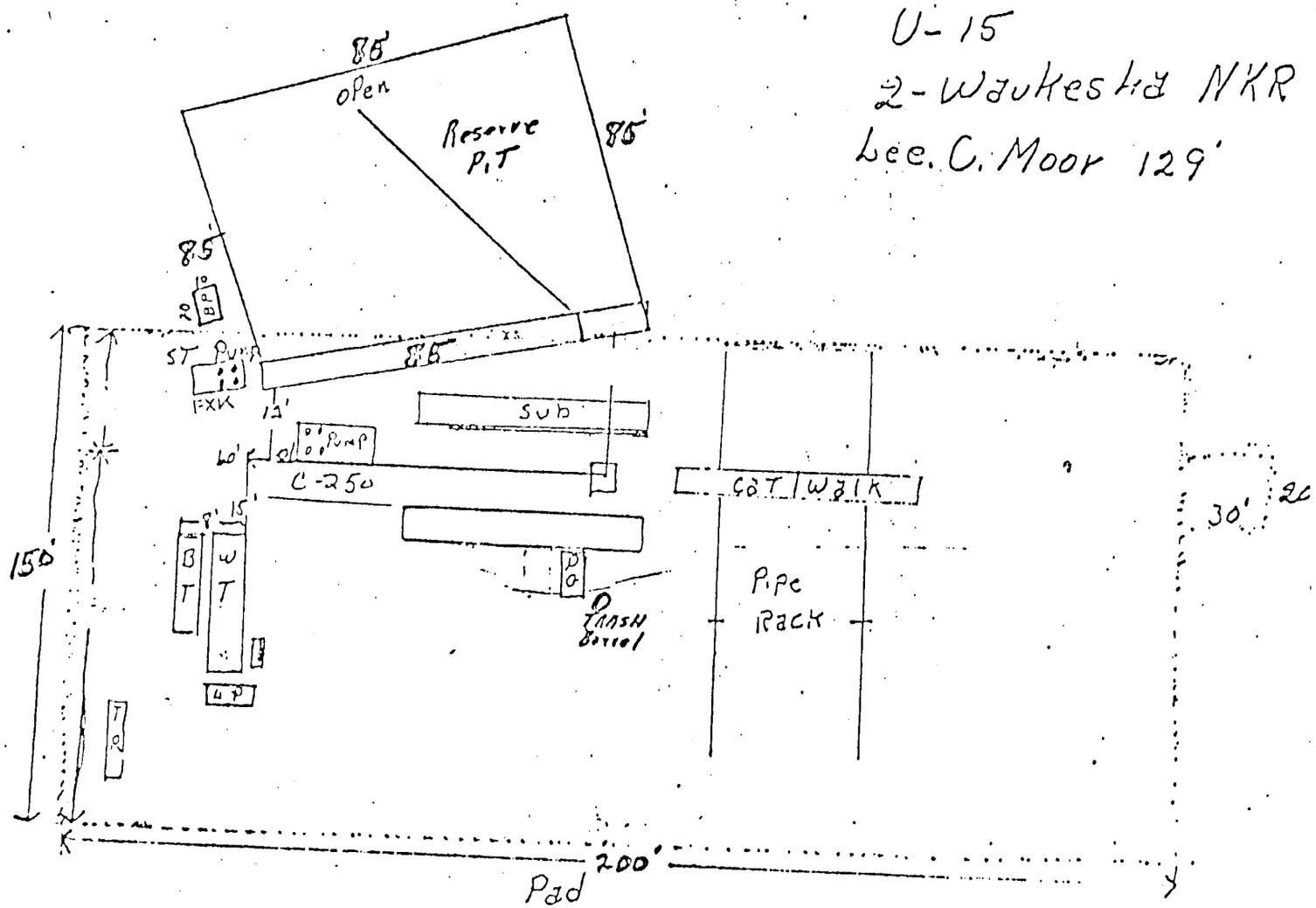
Hondo Rig #1

U-15

2-Waukesha NKR

Lee. C. Moor 129'



CONTINental Oil Co.

WARREN UNIT

EXHIBIT "E"

EXHIBIT "E"

CONTINENTAL OIL COMPANY
WARREN UNIT NOS. 56, 57, and 58
POWER DISTRIBUTION

A plot is attached showing the proposed well locations, existing roads, new proposed roads, existing power lines, proposed power lines, also drawings of the pole design.

Well No. 56 - It is proposed to tie-in to an existing primary line at Well No. 51 and construct 1320' of primary line with a transformer bank at the well site. The new line will be constructed on the right side of the proposed road at 330' per span. The proposed line is staked.

Well No. 57 - It is proposed to tie-in to an existing primary line at Well No. 53 and construct 1320' of primary line with a transformer bank at the well site. The new line will be constructed on the right side of the proposed road at 330' per span. The proposed line is staked.

Well No. 58 - It is proposed to tie-in to an existing primary line at Well No. 42 and construct 3960' of primary line with a transformer bank at the well site. A 20' Right-Of-Way will be required for 1320' north of Well No. 42. 2640' of line will be constructed on the right side of the proposed road. The proposed line will be constructed at 330' per span and is staked.

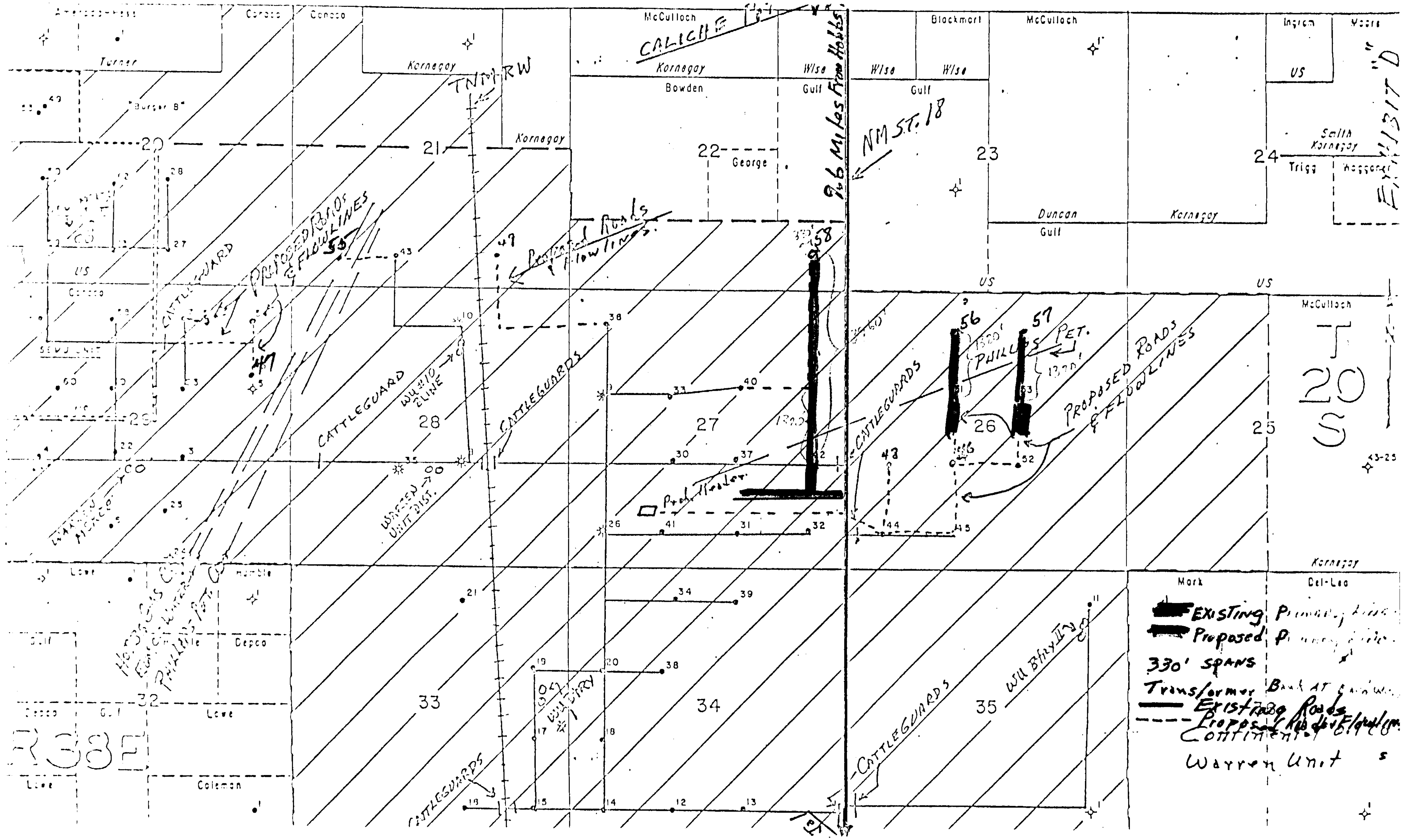


EXHIBIT "D"
T 20 S
R38E
9.6 Miles From Hobbs
NM ST. 18
CALICHE
TNMRW
PROPOSED ROADS & FLOWLINES
CATTLEGUARD
CATTLEGUARDS
WARREN UNIT DIST.
Proposed Roads & Flowlines
Prod. Header
PHILLIPS PET.
330' SPANS
Existing Roads
Warren Unit
McCulloch
Kornegay
Bowden
George
Gulf
Wise
Blackmort
Duncan
Ingram
Moore
Smith
Trigg
Conoco
Turner
Burger B
Lowe
Humble
Depco
Coleman
Mark
Del-Lea
US
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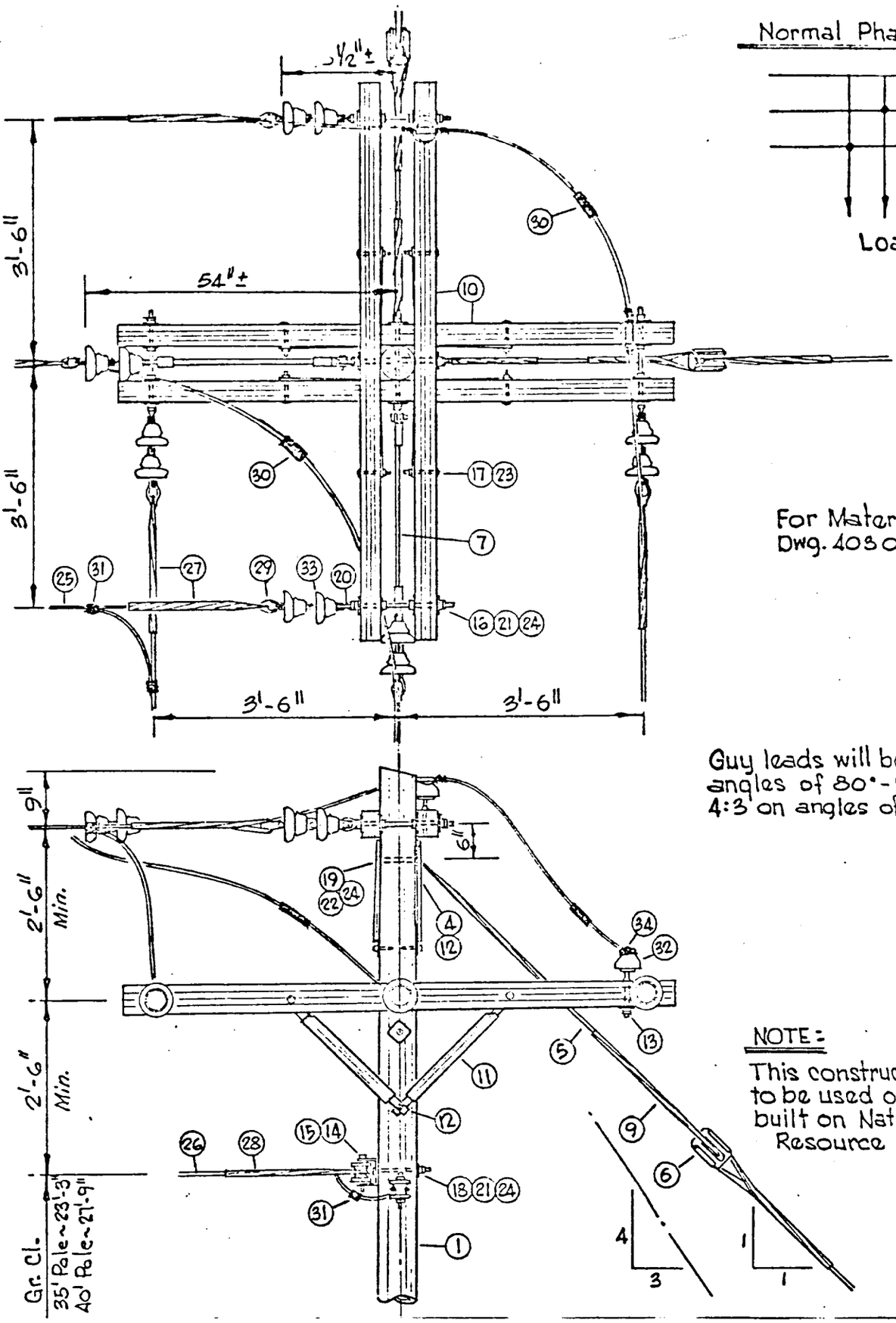


NOTE:
This construction std. to be used on all lines built on National Resource Lands.

REVISIONS NO.	DESCRIPTION	DATE	BY

DATE: 4-22-77

DRAWN BY:

DESIGN BY:

CHECKED BY: SK

APPROVED BY:

SCALE: NONE

TITLE: PRIMARY ANGLE STRUCTURE 60°-90° 12,500 VOLT ACSR

CONOCO

PRODUCTION DEPT. HOBBS DIVISIO

JOB: ELEC. SPECS

DRAWING NO.: ES-23

MATERIAL

ITEM	REQ'D.	DESCRIPTION
1	1	Pole ____ Length, Class ____
2	2	Anchor, 8"
3	2	Anchor Rod, 5/8" x 7'
4	2	Guy Attachment, P133A
5	24#	Guy Cable, 3/8" U.G.
6	2	Guy Insulator, 506
7	2	Epoxy Insulator, Kearney # 323015-24
8	2	Clamp, 3-Bolt
9	6	Guy Grip, 3/8"
10	4	Cross Arm, 8'
11	8	Brace, 38" Spa.
12	6	Lag Screw, 1/2"
13	2	Steel, Pin 5/8" x 5"
14	2	Rack, 1-Point
15	2	Spool Insulator, 3"
16	6	Bolt, D.A., 5/8" x 18"
17	8	Bolt, Mach., 3/8" x 4 1/2"
18	2	Bolt, Mach., 5/8" x 10"
19	2	Bolt, Mach., 5/8" x 12"
20	6	Eye Nut, 5/8"
21	22	Washer, 2 1/4" Flat
22	2	Washer, 3" Curved
23	8	Lock Nut, 3/8"
24	10	Lock Nut, 5/8"
25	——	Phase Conductor Nº ____
26	——	Neutral Conductor Nº ____
27	6	Pref. DE, Nº ____
28	2	Pref. DE, Nº ____
29	6	Clevis, Thimble
30	2	Jumper Sleeve, Nº ____
31	2	Connector, S.O., Sml. Al.
32	2	Insulator, 9KV Pin
33	12	Insulator, 6" Disc
34	1/2 #	Tie Wire, Nº 6 Al.

REVISIONS NO.	DESCRIPTION	DATE	BY

DATE: 4-22-77

DRAWN BY:

DESIGN BY:

CHECKED BY: SK

APPROVED BY:

SCALE:

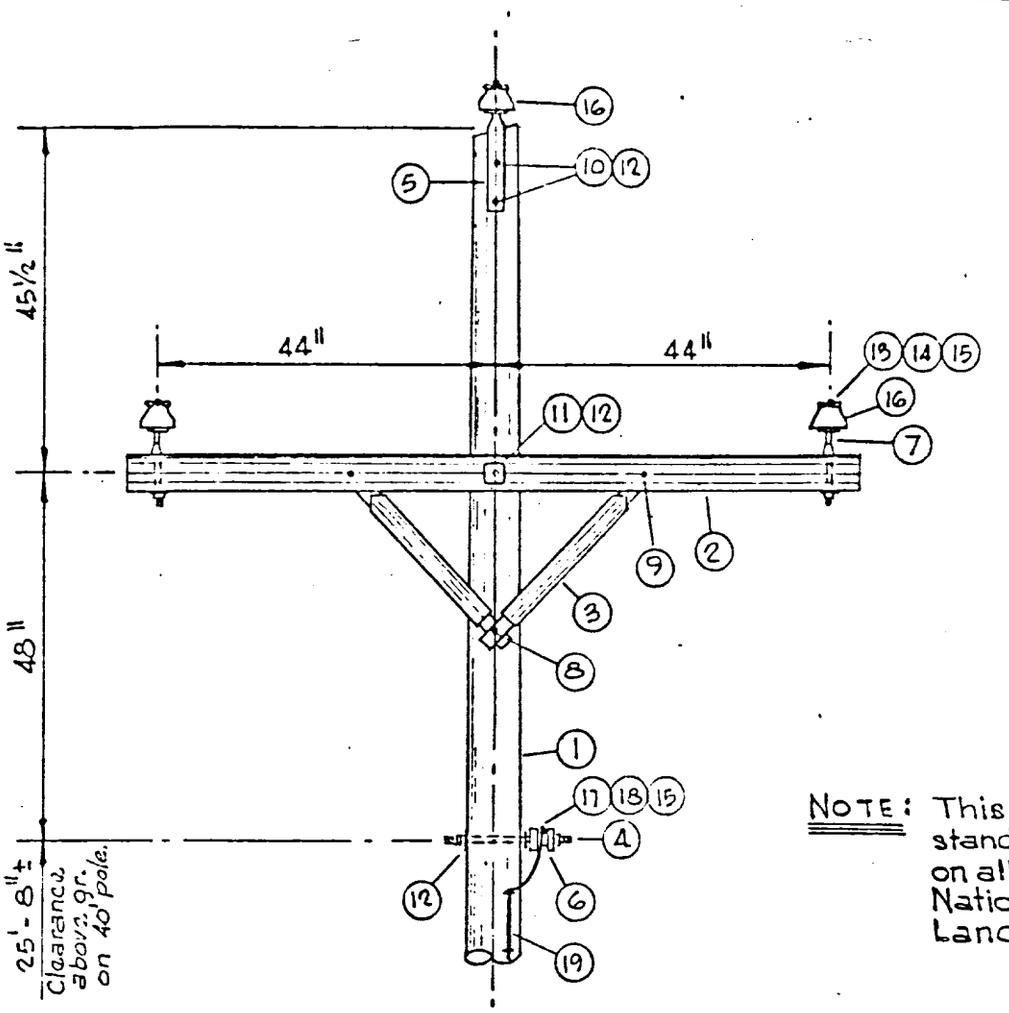
TITLE: MATERIAL for PRIMARY ANGLE STRUCTURE 60° - 90°

conoco

PRODUCTION DEPT. HOBBS DIVISION

JOB: ELEC SPECS

DRAWING NO.: ES 23-A



NOTE: This construction standard to be used on all lines built on National Resource Lands.

MATERIAL

ITEM	REQD.	DESCRIPTION	ITEM	REQD.	
1	1	Pole, 40'	17	—	Neutral Conductor
2	1	Crossarm, 3½" x 4½" x 8'	18	1	Armor Rod
3	2	Brace, Wood	19	5 #	Pole Ground Wire, #6 Cu.
4	1	Stud Rack			
5	1	Ridge Pin, 15"			
6	1	Spool Insulator			
7	2	Steel Pin, 5/8" x 5"			
8	1	Lag Screw, ½" x 4"			
9	2	Carrage Bolt, 3/8" x 4½"			
10	2	Machine Bolt, 5/8" x 10"			
11	1	Machine Bolt, 5/8" x 14"			
12	5	Washer, 2¼" Sq.			
13	—	Phase Conductor			
14	3	Armor Rod			
15	1#	Tie Wire, #6 Al.			
16	3	Pin Insulator, 9 KV			

NOTE: All bolts will have locknuts.

NO.	REVISIONS DESCRIPTION	DATE	BY

DATE: 4-22-77

DRAWN BY:

DESIGN BY:

CHECKED BY: SK

APPROVED BY:

SCALE: NONE

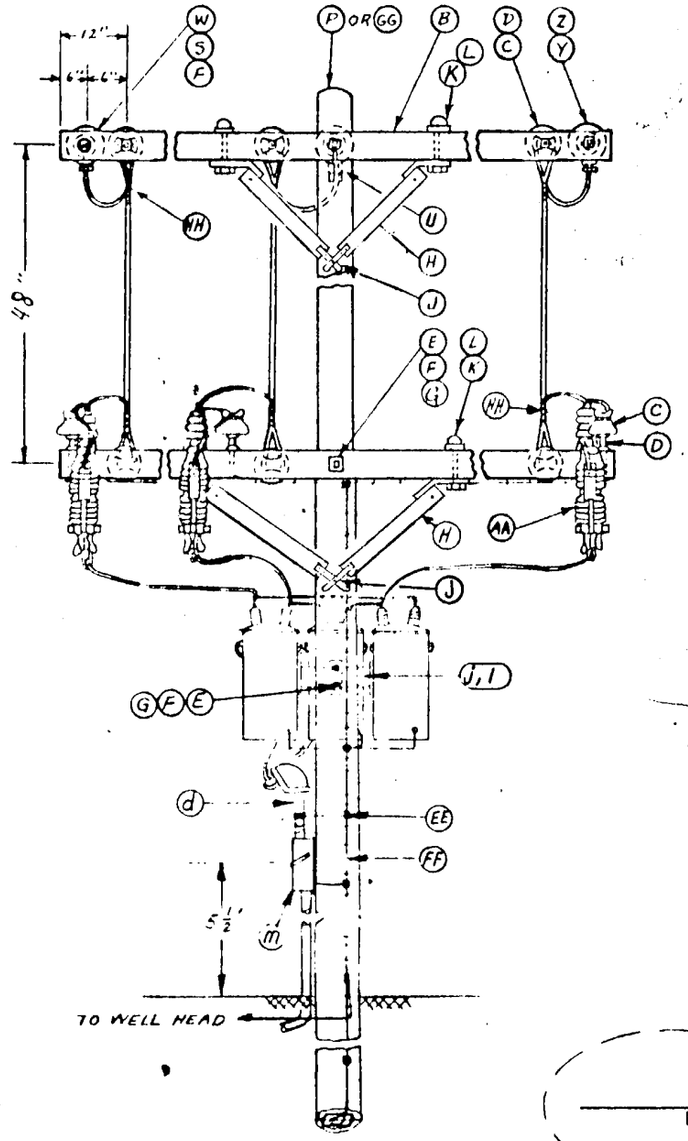
TITLE: PRIMARY IN LINE POLE 12,500 VOLT ACSR

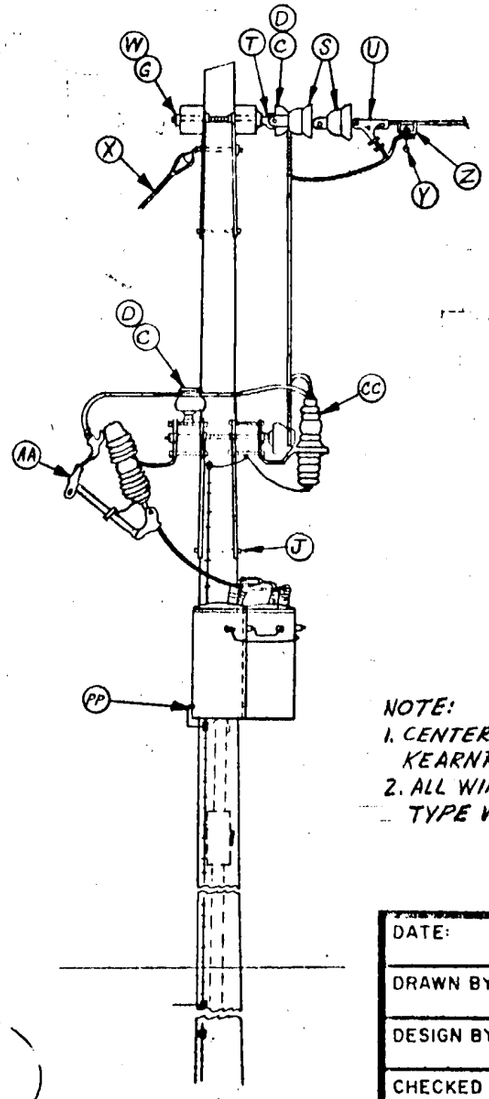
CONOCO

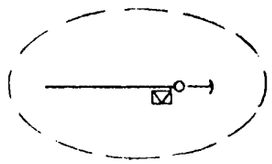
PRODUCTION DEPT. HOBBS DIVISION

JOB: ELEC SPECS

DRAWING NO.: ES-24







ITEM	QTY REQ'D	REF
B	4	
C	9	
D	9	
E	3	
F	24	
G	12	
H	8	
J	4	
K	8	
L	8	
P OR GG	1	ES-1A, NOTE 5
S	6	
T	3	
U	3	
W	5	
X	1	
Y	3	
Z	3	
AA	3	
CC	3	
EE	8	
FF	1	
HH	6	
d	1	
J,1	1	ES-1A, NOTE 2
m	1	
PP	3	

NOTE:
1. CENTER PHASE ON BANK WILL HAVE EPOXY INS, KEARNRY NO. 323015-24 INSULATOR.
2. ALL WIRE FROM POINT "U" WILL BE INSULATED TYPE WIRE ON TRANSFORMER BANK.

DATE: 12-13-71	TITLE: SINGLE POLE SUBSTA. 1 PH. TRANS. CLUSTER MOUNT PRIM. DEAD-END - 12500/480 V. ACSR
DRAWN BY: JRD	conoco
DESIGN BY: JRD	PRODUCTION DEPT. HOBBS DIVISION
CHECKED BY:	JOB: ELEC SPECS
APPROVED BY:	DRAWING NO.: ES-9
SCALE: NONE	

ITEM	DESCRIPTION	A. B. CHANCE NO.	JOSLYN NO.	OTHER MFRS. NO.	NO. SUB.
A	35' class 6 creosoted pine pole				
B	3 1/2" x 4 1/2" x 8' treated crossarm				
C	High density wet process porcelain pin insulator		L63		
D	5/8" x 5" Forged steel pin w/sq. washer, nut, & locknut	881			
E	5/8" x 12" machine bolt w/ nut (or length req'd)	8812			
F	2 1/4" x 2 1/4" x 3/16" x 11/16" hole sq. washer	6813			
G	5/8" MF Locknut	3512			
H	Wood Crossarm Brace 1 5/8" x 2 5/8" x 59"			GRAY BAR #217	X
J	1/2" x 4" EZ Fetter Drive Log Screw	508754			
K	3/8" x 4 1/2" Carriage Bolt w/ Nut	8634 1/2			
L	3/8" MF Locknut	3510			
M	Preformed Aluminum Alloy Armor Rods, size req'd				
N	tie wire #6 strong alum. alloy				
O					
P	40' class 5 creosoted pine pole				
R	Aluminum double tab Squeeze on Connector for ACSR, Aluminum, or Copper-size req'd			KEARNEY SERIES "81"	X
S	6" Suspension Insulator	66200			
T	5/8" Standard Oval Eye Nut	6502			
U	Primary Dead End Clamp		L4050		
W	5/8" x 18" (or length req'd) Double Arming Bolt w/4 sq. nuts	8868			
X	guying detail - see dwg No. ES-10 for specs.				
Y	Hot Line Clamp	S1520AGP			
Z	Squeeze on basket, size required			KEARNEY	X

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

ITEM	DESCRIPTION	A. B. CHANCE NO.	JOSLYN NO.	OTHER MFRS. NO.	NO SUB.
AA	Primary Cutout - 100 amp, 15 KV, 16000 amp int. cap.	F2XX1015G			X
BB	General Purpose "U" bolt Clamp	UC510AGP			
CC	Lightening arrestor, 10 KV				
DD	Single phase oil switch, 14.4 KV				
EE	split bolt connector, size req'd			MCGRAW-EDISON KNMC2	
FF	grounding specs. see dwg No. ES-11 & ES-1A, Note 3			BLACKBURN "F" SERIES	
GG	35' class 4 creosoted pine pole				
HH	Aluminum deadend Preforms for ACSR, size req'd				
JJ	30' class 6 creosoted pine pole				
KK	OVERHEAD GRND, #4 ACSR - If Req'd - Ref. Dwg ES-11, ES-1A - Note 3				
LL	ground connector, motor				
MM	600 V. secondary lightening arrestor single phase			HUBBELL KC-22	X
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	GW3-15			

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

ITEM	DESCRIPTION	A. B. CHANCE NO.	JOSLYN NO.	OTHER MFRS. NO.	NO SUB.
a	double upset bolt s/sq. nut, round washer, and cotter key on short end, sq. nut and HF locknut on long end, 15 1/8" long (or length required.)	7828			
b	wet process porcelain secondary spool insulator, 3", brown glaze		J101		
d	required size conduit w/ servicehead(s) & req'd size & rated insulated conductors. Ref. Dwg ES-1B Note: provide clamp and ground conduit				
e	parallel groove clamp, size req'd			FCI NDV SERIES "UC"	
f	secondary insulator clevis for 4" insulator				
g	5/8" thimbleye nut	6510			
h	5/8" x 12" (or length req'd) straight thimbleye bolt w/sq. nut	5512			
j	transformer cluster mount bracket (small)			ALUMA-FORM 6M3-6	X
l	transformer cluster mount bracket (large)			ALUMA FORM 15M3-6	X
m	req'd size raintight disconnect & fuses, 3-phase, 600 V. Ref. Dwg No. ES-1B				
n	16" cross plate anchor (or size req'd)	X-16			
q	8-way expanding anchor (size req'd)	88135			
t	4" brown glaze wet process porcelain secondary spool insulator		J0101		
u	5/8" x 7' thimbleye anchor rod w/nut (use twineye if req'd - Chance No. 5347)	5317 (NOT 55006P)			
aa	3/8" high strength guy strand (10,800 lb.)				
bb	preformed guy grip for 3/8" guy strand				
dd	5/8" x 10" angle thimbleye bolt w/nut	5010			
ee	3"x3"x1/4"x11/16" hole curved washer	6823 1/2			X
ff	6" - guy clamp w/3-1/2" bolts				
gg	medium size strain insulator				
hh	serving sleeve for 3/8" guy strand	6454			
jj	3/16" x 2-1/2" x 7" lift plate	7887			X
nn	pole bottom ground plate (may use butt-wrapp if desired)				
qq	Ground Connection (See Dwg. ES-12)				
rr	wet process porcelain secondary spool insulator, 3" - white glaze				
tt	wet process porcelain secondary spool insulator, 4" - white glaze				

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

U. S. Geological Survey

HOBBS DISTRICT

Continental Oil Company
No. 58 Warren Unit
SE¼SE¼, Sec. 22-20S-38E
Lea County, New Mexico

Above Data Required on Well Sign

CONDITIONS OF APPROVAL

1. Drilling operations authorized are subject to compliance with the attached General Requirements for Drilling Operations on Federal Oil and Gas Leases, dated January 1, 1977.

2. Notify this office (telephone (505) 393-3612) when the well is to be spudded and in sufficient time for a representative to witness all cementing operations. Attached are names and telephone numbers of Geological Survey and Bureau of Land Management personnel who are available for consultation during construction, drilling, completion, and rehabilitation activities.

3. Immediate notice is required of all blowouts, fires, spills, and accidents involving life-threatening injuries or loss of life.

4. Secure prior approval of the District Engineer for variance from the approved drilling program and before commencing plugging operations, plug-back work, casing repair work, corrective cementing operations, or suspending drilling operations indefinitely.

5. Blowout prevention equipment is to be installed, tested, and in working order before drilling below the surface casing and shall be maintained ready for use until drilling operations are completed.

6. Operations must be in compliance with the provisions of the landowner agreement concerning surface disturbance and surface restoration.

7. 9-5/8 inch surface casing should be set in the Rustler Anhydrite formation and cement circulated to the surface. If surface casing is set at a lesser depth the 7 inch casing must be cemented from the casing shoe to the surface or cemented to the surface through a stage tool set at least 50 feet below the top of the Rustler, after cementing around the shoe with sufficient cement to fill to the base of the salt section.