

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

Continental Oil Company

3. ADDRESS OF OPERATOR

Box 460, Hobbs, N.M. 88240

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

At surface

1100' FNL + 700' 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 drig. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

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

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

3957' Est.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	New 8 7/8"	28 #	900'	500 SX CIVE.
7 7/8"	New 5 1/2"	14 #	4150'	400 SX.

IT IS Proposed To drill MCA Unit No. 358 as a infill oil well. IT IS Proposed To drill a straight hole to a T.D. of 4150' and complete as a Grayburg San Andros oil well.

See attached for B.O.P. Program, Mud Program, Formation TOPS, Logging etc.

Administrative Order NSL-940 approved 4-18-78.

Unless Drilling Operations have
Commenced, this drilling approval

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

TITLE

Admin. Supv.

DATE

4-27-78

(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

USGS (6), MCA (4), F, L (2).

5. LEASE DESIGNATION AND SERIAL NO.

LC-029405-(2)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

MCA

8. FARM OR LEASE NAME

MCA Unit

9. WELL NO.

358

10. FIELD AND POOL, OR WILDCAT

Grayburg San Andros

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 20, T-17S, R-32E

12. COUNTY OR PARISH

Lod

13. STATE

N.M.

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

16. NO. OF ACRES IN LEASE

40

17. NO. OF ACRES ASSIGNED
TO THIS WELL

Rotary

22. APPROX. DATE WORK WILL START*

As soon as possible

APPROVED
AS AMENDED

JUN 29 1978

D. G. L.

ACTING DISTRICT ENGINEER

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

Continental Oil Company, MCA Unit No. 358
1100' FNL and 700' FWL of Section 20, T-17S, R-32E
LC-029405(a) Lea County, New Mexico

1. The geologic name of the surface formation is Quaternary 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 500' water
Salado 840' salt
Grayburg San Andres 3650' oil
4. The proposed casing program is as follows:

Surface - new 8 5/8" 28# H-40 set at 900'
Production - new 5 1/2" 14# K-55 set at 4150'
5. A drawing of an API Series 900 Blowout Preventer Specification is attached. Pipe rams and blinds will be checked at 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:

0-900' fresh water 8.5-9.0 pounds per gallon
900'-4150' salt gel 9.0-10.0 pounds per gallon
7. The auxiliary equipment to be used is as follows:

(1) kelly cocks
(2) floats at the bit
8. It is proposed to run logs as follows:

DLL 2000' - TD
GR-SNP 2000' - TD
9. No abnormal pressures or temperatures are expected to be encountered in this well.
10. The anticipated starting date for this well is as soon as possible with a duration date of approximately 10 days.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-128
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator Continental Oil Company			Lease MCA		Well No. 358
Section D	Section 20	Township 17 South	Range 32 East	County Lea	

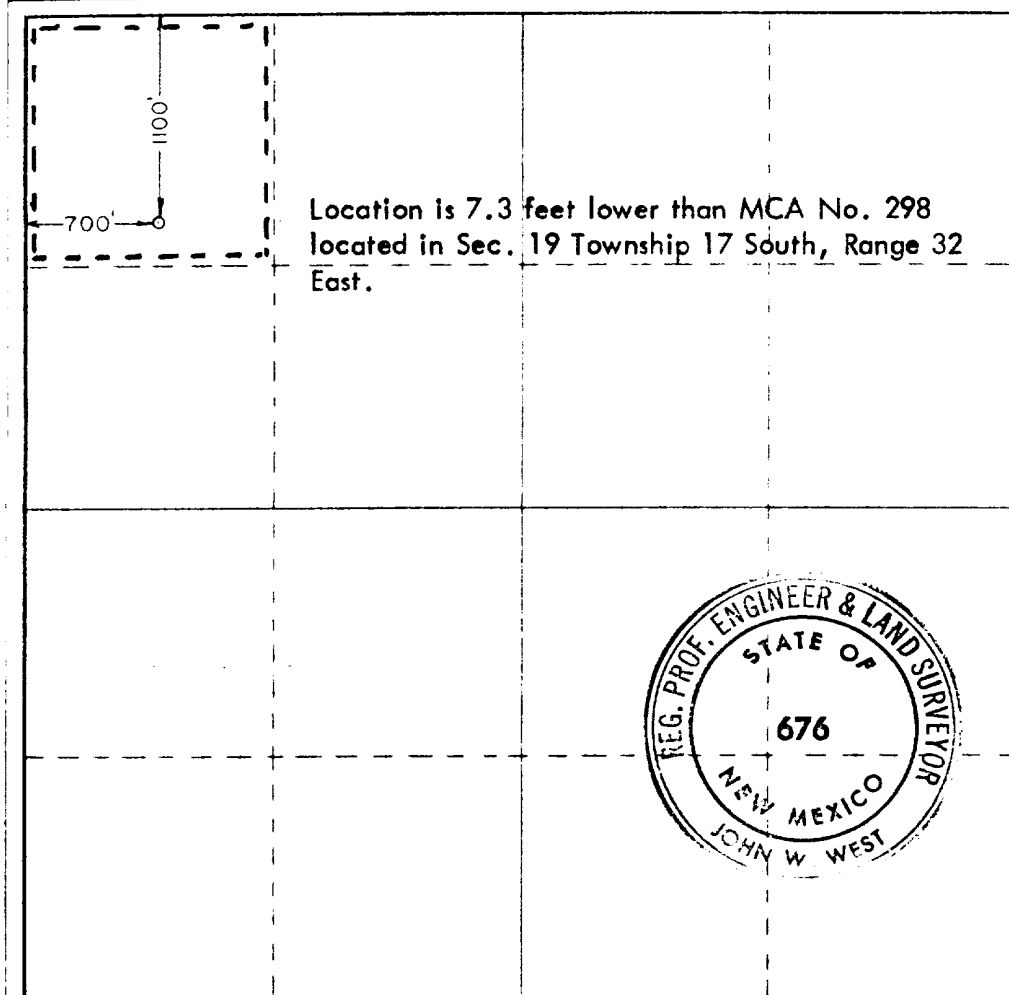
Actual Well Location of Well: 1100 feet from the North line and 700 feet from the West line					
Ground Level Elev. 3957' Est.	Producing Formation Grayburg San Andres		Port Ma/J. Grayburg San Andres	Estimated Acreage 40	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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

John R. Butterfield
ADMIN. SUPERVISOR
CONTINENTAL OIL CO.
APRIL 27, 1978

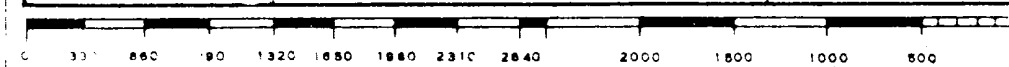
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief

March 28, 1978

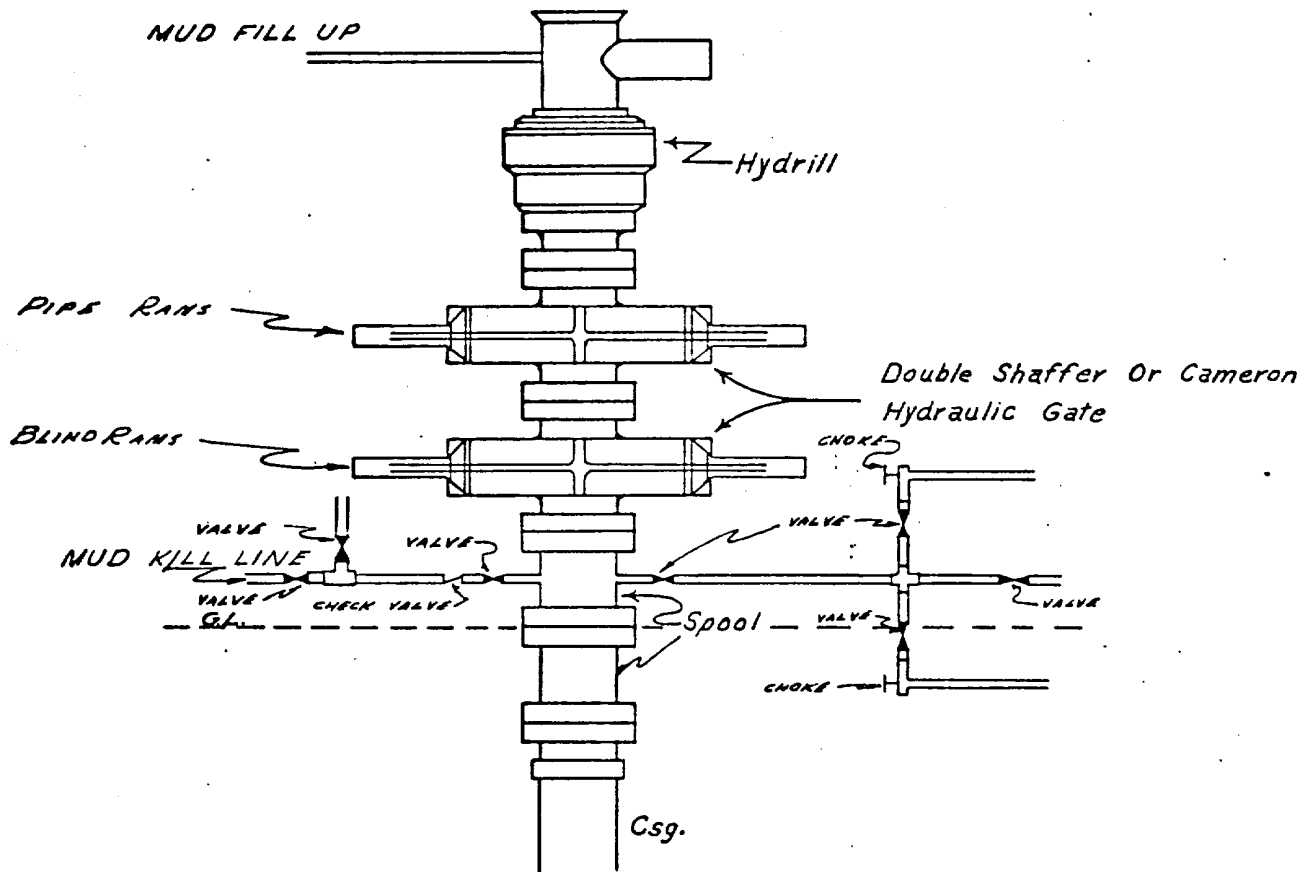
Registered Professional Engineer and Land Surveyor

John W. West

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



CONTINENTAL OIL COMPANY
Blow-out Preventer Specifications



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
MCA UNIT NO. 358*

DEPTH	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING		FRACTURE GRADIENT	FORMATION PRESSURE COEFFICIENT	MUD	
					SIZE	DEPTH			WEIGHT	TYPE
	Quaternary Surface									
1000'	Rustler @ 650' Salado @ 840'	] may encounter waterflow	Deflection + Geolograph: 0' - TD.	12 1/4	8 3/8	900			8.5 - 7.0 9.0	Fresh wtr.
2000'	Tansill @ 1850' Yates @ 2010'									
	Swan River @ 2380'									
3000'	Queen @ 2970'		Core: 3650 - 3750' → 3625' - 3725' 3980 - 4080' → 3970 - 4070'							
4000'	Grayburg @ 3380' " @ 3450' San Andres @ 3770' " " 9 1/4 @ 3920' " " 9 1/4 @ 3980'	] mud encounter oil or waterflow	GR-SNP: 2000' - TD. Dhh: 2000' - TD.	7 7/8	5 1/2	4150	16.0 17.0	Loss Thm 8.5	9.0 10.0	5/4 6-1
	TD. 4150'									

SURFACE USE PLAN
Continental Oil Company, MCA Unit No. 358
1100' FNL and 700' FWL of Section 20, T-17S, R-32E
Lease LC-029405(a) Lea County, New Mexico

This plan is to accompany "Application for Permit to Drill" the subject well which is located approximately 40 miles northwest 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 subcontractors will be aware of all items of this plan.

1. Existing Roads

- A. The proposed well site is 1100' FNL and 700' FWL of Section 20, T-17S, R-32E, Lea County, New Mexico.
- B. Exhibit "A" is a portion of the New Mexico road map showing existing roads. Directions to the location (outlined in red on map) from Hobbs, New Mexico, are as follows: From Hobbs travel west on Highway 62-180 for 15 miles to the intersection of Highway 529 bear right on 529 and go west 24 miles; turn north on blacktop road to Maljamar and travel 1.9 miles; turn west and travel 1.8 miles west; north .4 mile; .2 mile east; .1 mile northwest to the wellsite.

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

- F. The proposed location is adjacent to an existing road.

2. Planned Access Roads

- A. The proposed location is on the south side of an existing road as shown on Exhibits "B" and "C".

3. Location 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 20, and shown on Exhibit "E".
- B. Producing Facilities: None required.
- C. Oil Gathering Lines: Approximately 2000' of 2" flowline will lay (not buried) to the MCA Unit Production Header 1C in Section 20 and shown on Exhibit "E".
- 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 complete within 45 days from commencement.
- F. Power Lines: See attached map for the power distribution.

5. Water Supply

The water will be hauled from the MCA Unit TB-2 in NW/4 of Section 28 and shown on Exhibit "C".

6. Source of Construction Materials

- A. Caliche for re-surfacing the drilling pad will be obtained from an existing pit in the NE/SW Section 27, T-17S, R-32E as shown on Exhibit "C".
- B. Caliche to be purchased from Bureau of Land Management.
- C. The caliche to be hauled, from the location of caliche pit over existing roads to the drilling pad.

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 "G" 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 "G" 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 hills. See Exhibit "B", topographic map of area.
- B. Soil: Sandy cover on caliche
- C. Vegetation: Mesquite, Sagebrush
- 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. Arroyos, Canyons, Etc.: Arroyo is approximately 150' west of the wellsite, 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 Representative

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

Production and Drilling
P. R. DeFoe, D. A. Sowers, E. L. Oshlo, or L. P. Thompson
1101 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 conditions under which it is approved.

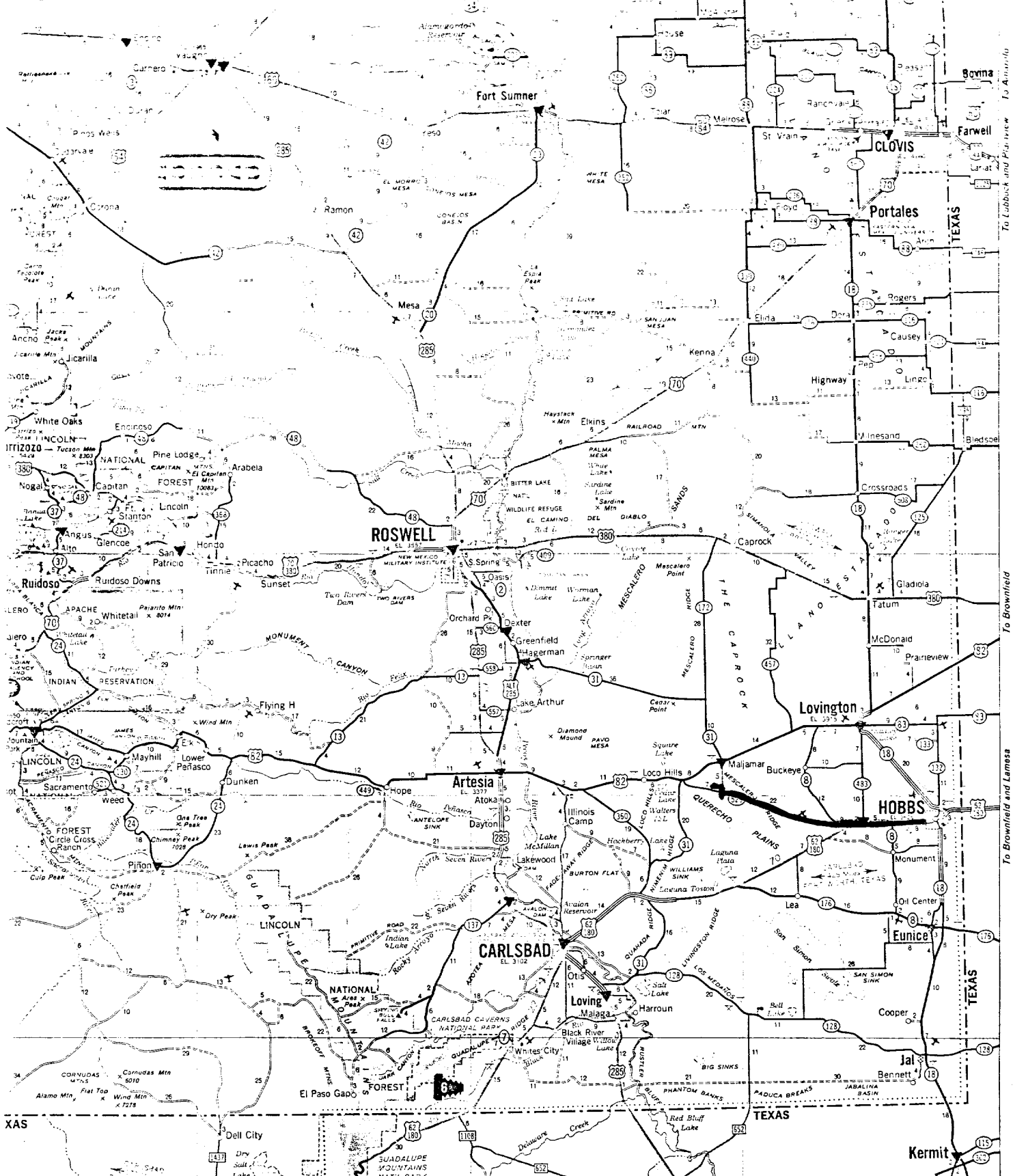
4-27-78

Date

David A. Sowers

David A. Sowers
Production Superintendent

coy



11	San Idelfonso	C-4	Springer	C-6	Tuloso	D-6
12	San Jose 308	E-3	Valencia	C-6	Turkey	B-2
13	San Jose	E-3	Stanton	C-2	Turkey	B-2
14	San Juan	J-2	Rock	C-2	Turkey	B-2
15	San Juan	J-2	Stanley	E-5	Tucson	B-4
16	San Juan	J-2	Stanley	E-5	Tucson	B-4
17	San Juan	J-2	Stanley	E-5	Tucson	B-4
18	San Juan	J-2	Stanley	E-5	Tucson	B-4
19	San Juan	J-2	Stanley	E-5	Tucson	B-4
20	San Juan	J-2	Stanley	E-5	Tucson	B-4
21	San Juan	J-2	Stanley	E-5	Tucson	B-4
22	San Juan	J-2	Stanley	E-5	Tucson	B-4
23	San Juan	J-2	Stanley	E-5	Tucson	B-4
24	San Juan	J-2	Stanley	E-5	Tucson	B-4
25	San Juan	J-2	Stanley	E-5	Tucson	B-4
26	San Juan	J-2	Stanley	E-5	Tucson	B-4
27	San Juan	J-2	Stanley	E-5	Tucson	B-4
28	San Juan	J-2	Stanley	E-5	Tucson	B-4
29	San Juan	J-2	Stanley	E-5	Tucson	B-4
30	San Juan	J-2	Stanley	E-5	Tucson	B-4
31	San Juan	J-2	Stanley	E-5	Tucson	B-4
32	San Juan	J-2	Stanley	E-5	Tucson	B-4
33	San Juan	J-2	Stanley	E-5	Tucson	B-4
34	San Juan	J-2	Stanley	E-5	Tucson	B-4
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42	San Juan	J-2	Stanley	E-5	Tucson	B-4
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98	San Juan	J-2	Stanley	E-5	Tucson	B-4
99	San Juan	J-2	Stanley	E-5	Tucson	B-4
100	San Juan	J-2	Stanley	E-5	Tucson	B-4

LOCATIONS WHERE CONOCO PRODUCTS ARE SOLD

Locations on Interstate Highways, toll roads or major limited access highways where CONOCO PRODUCTS are sold.

Other CONOCO station locations.

Locations of CONOCO Travel Shoppes.

CONOCO

Locations where CONOCO DEALERS provide Traveler Travelers with Sanitary Disposal Units for the use of the

MCA UNIT NO. 358

TOURAIDE ATTRACTIONS

HISTORICAL

SCENIC

GENERAL

Attraction points described on regional maps

How to read your map

NEW MEXICO

SCALE OF MILES

ONE INCH EQUALS APPROXIMATELY 21.6 MILES

HIGHWAY MARKERS

INTERSTATE 40 UNITED STATES 66 STATE 41 TEXAS FARM OR RANCH 308

ROAD CLASSIFICATIONS

CONTROLLED ACCESS DIVIDED HIGHWAYS

OTHER DIVIDED HIGHWAYS

PRINCIPAL THROUGH HIGHWAYS

OTHER THROUGH HIGHWAYS

CONNECTING HIGHWAYS

LOCAL ROADS In unfamiliar areas inquire locally before using these roads

MILEAGES

MILEAGE BETWEEN TOWNS AND JUNCTIONS

MILEAGE BETWEEN DOTS

LONG DISTANCE MILEAGES SHOWN IN RED

SPECIAL FEATURES

STATE PARKS

With Campsites Without Campsites

RECREATION AREAS

With Campsites Without Campsites

PORTS OF ENTRY

Open 24 Hours Inquire Locally

POINTS OF INTEREST

POPULATION SYMBOLS

State Capital

Under 1,000

1,000 to 2,500

2,500 to 5,000

5,000 to 10,000

10,000 to 25,000

25,000 to 50,000

50,000 to 100,000

100,000 and over

SCHEDULED AIRLINE STOPS

MILITARY AIRPORTS

OTHER AIRPORTS

TOURIST INFORMATION

SKI AREAS

SELECTED REST AREAS

BOAT RAMPS

TIME ZONE BOUNDARY

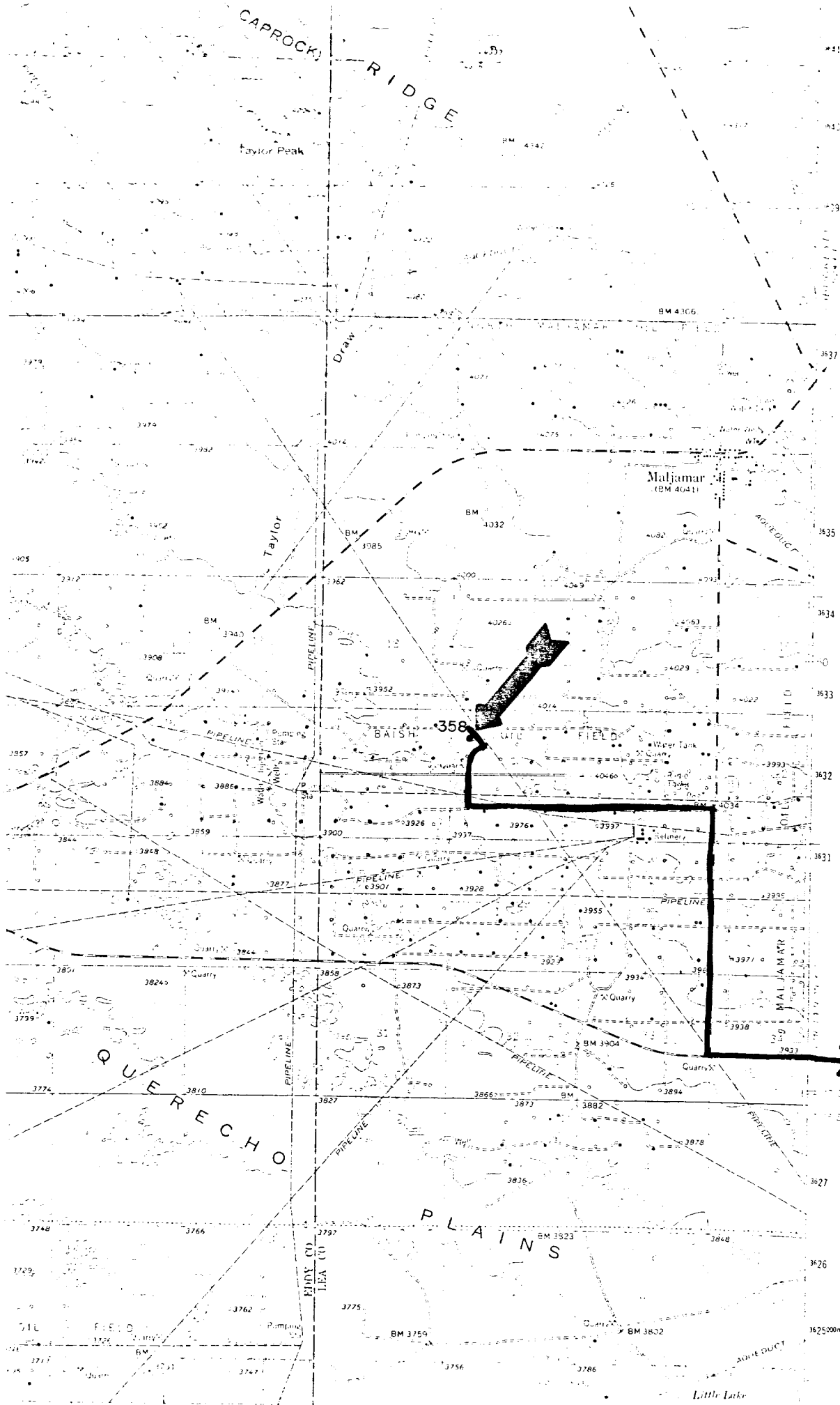
THE H. M. GOUSHA COMPANY

804 8227 SAN JOSE, CALIF. 95130

A SUBSIDIARY OF THE MEXICAN COMPANY

1975 Edition

Lithographed in U.S.A.



T
17
S

TO Hobbs

R 32 E

ROAD CLASSIFICATION

Medium duty Light duty

Unimproved dirt

U.S. Route State Route



DIAPYCNAL LOCATION

MALJAMAR, N. MEX

1963

4 Miles

1:25,000

1:50,000

1:100,000

1:250,000

1:500,000

1:1,000,000

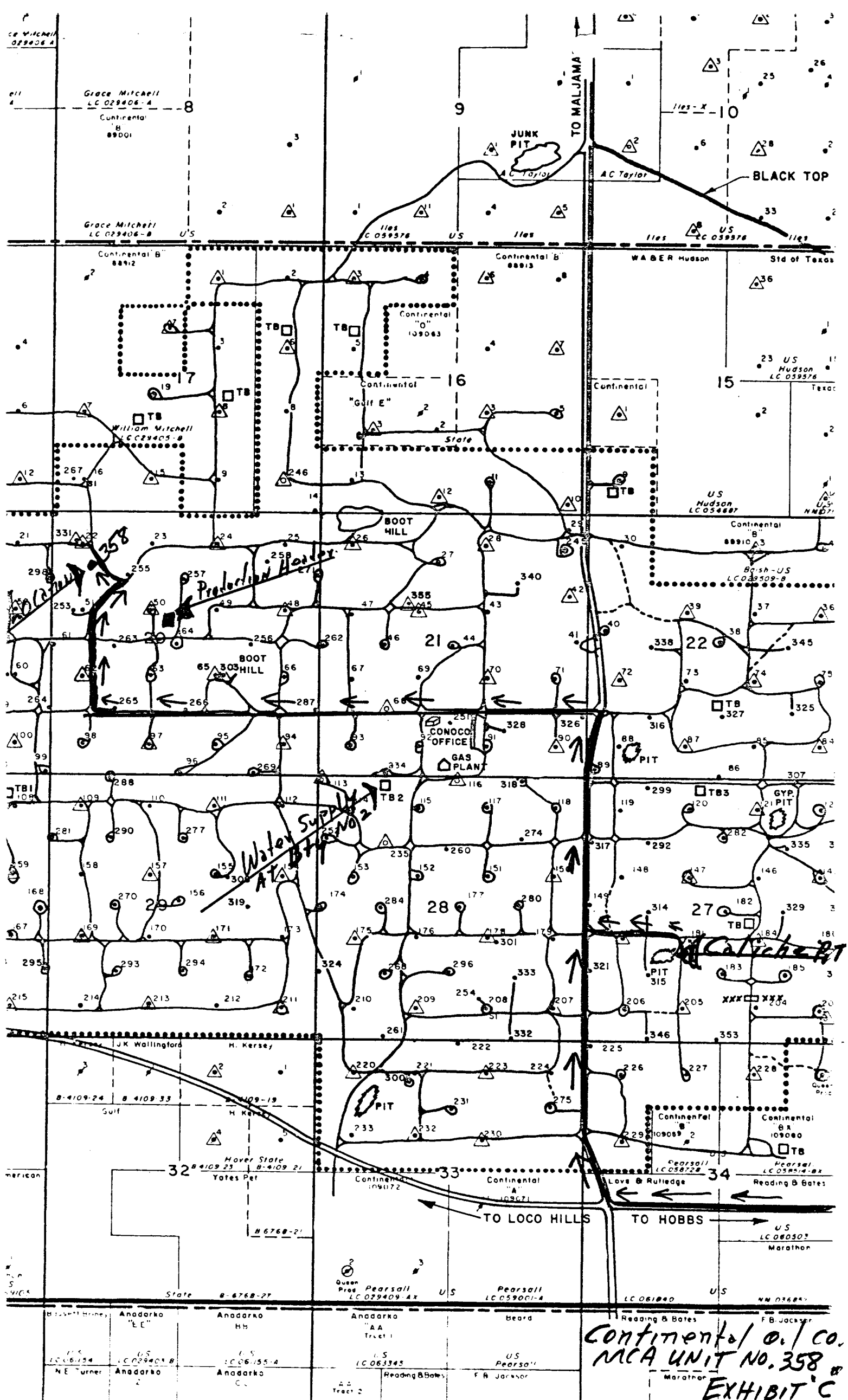
HINGTON 25, D.C.

15-10187

Continental Oil Company

MCA UNIT NO. 358

EXHIBIT "B"



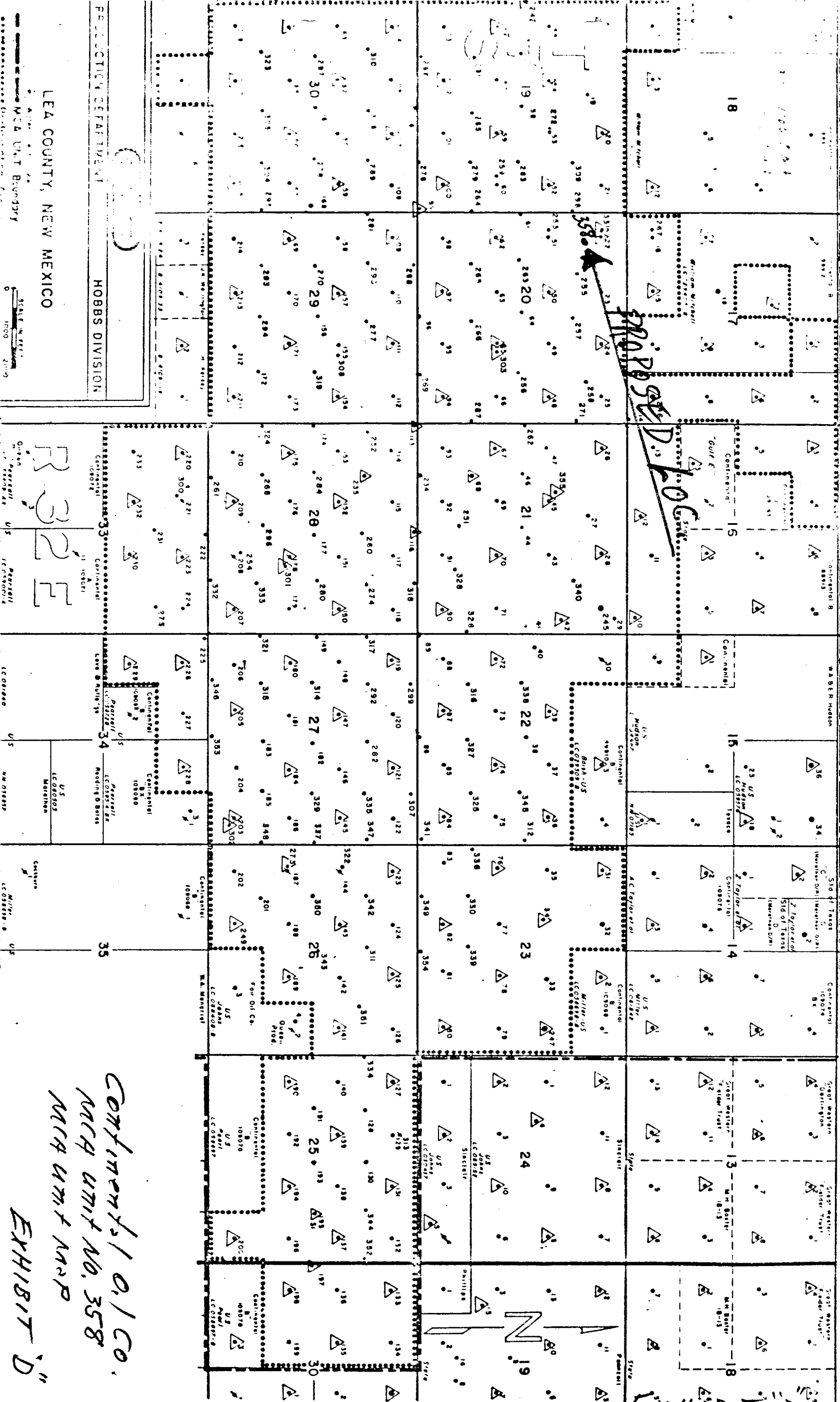
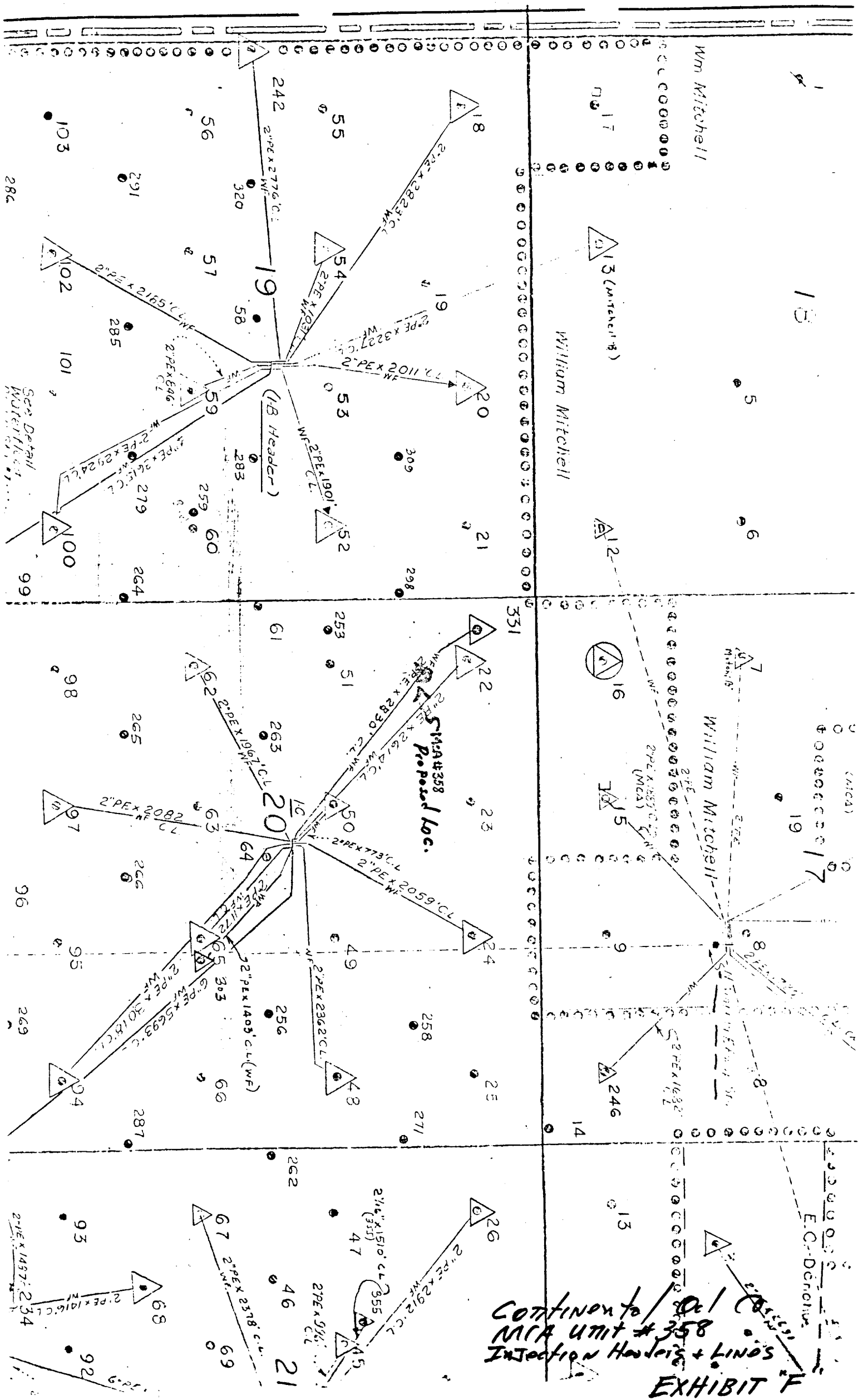
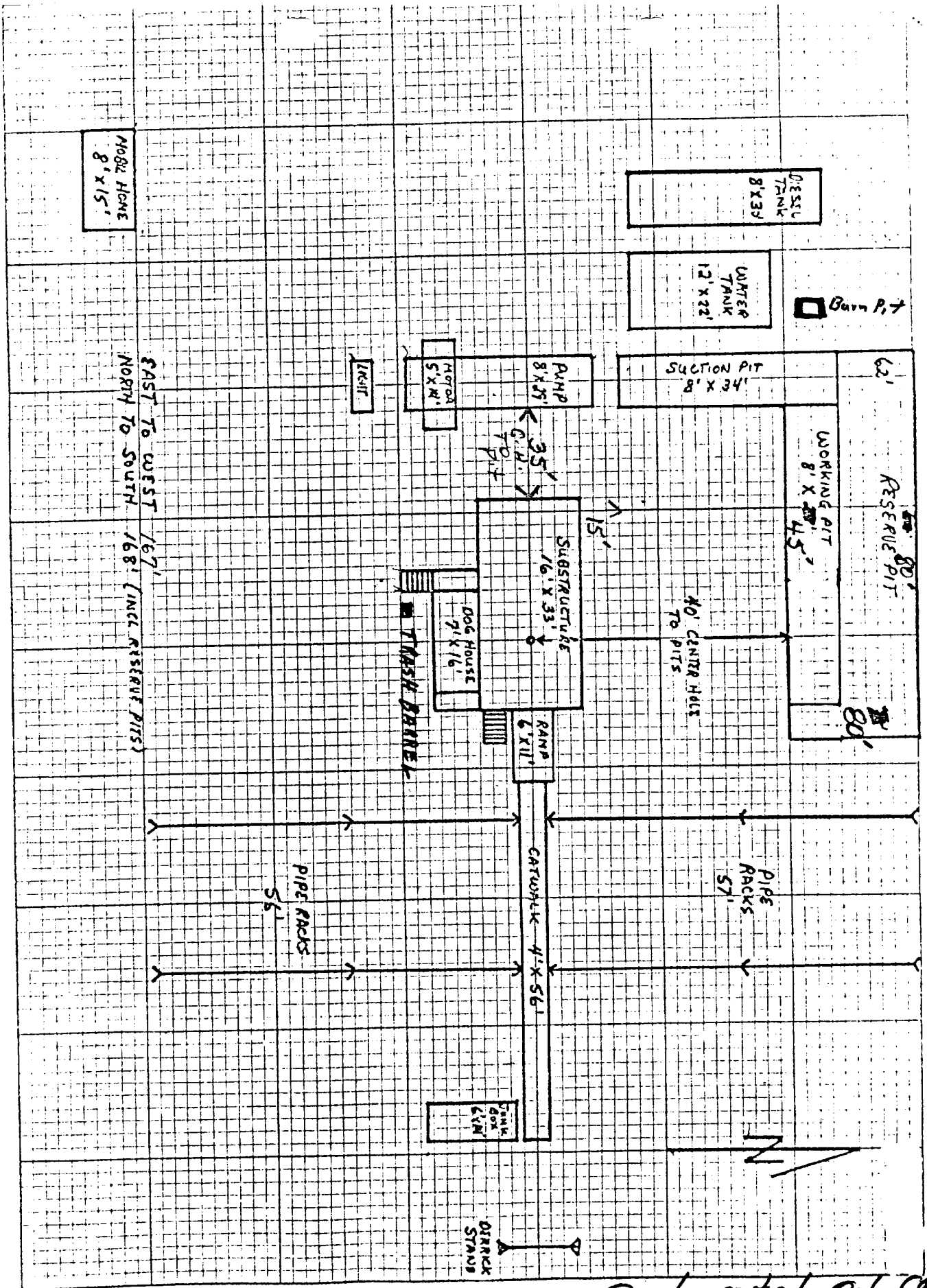


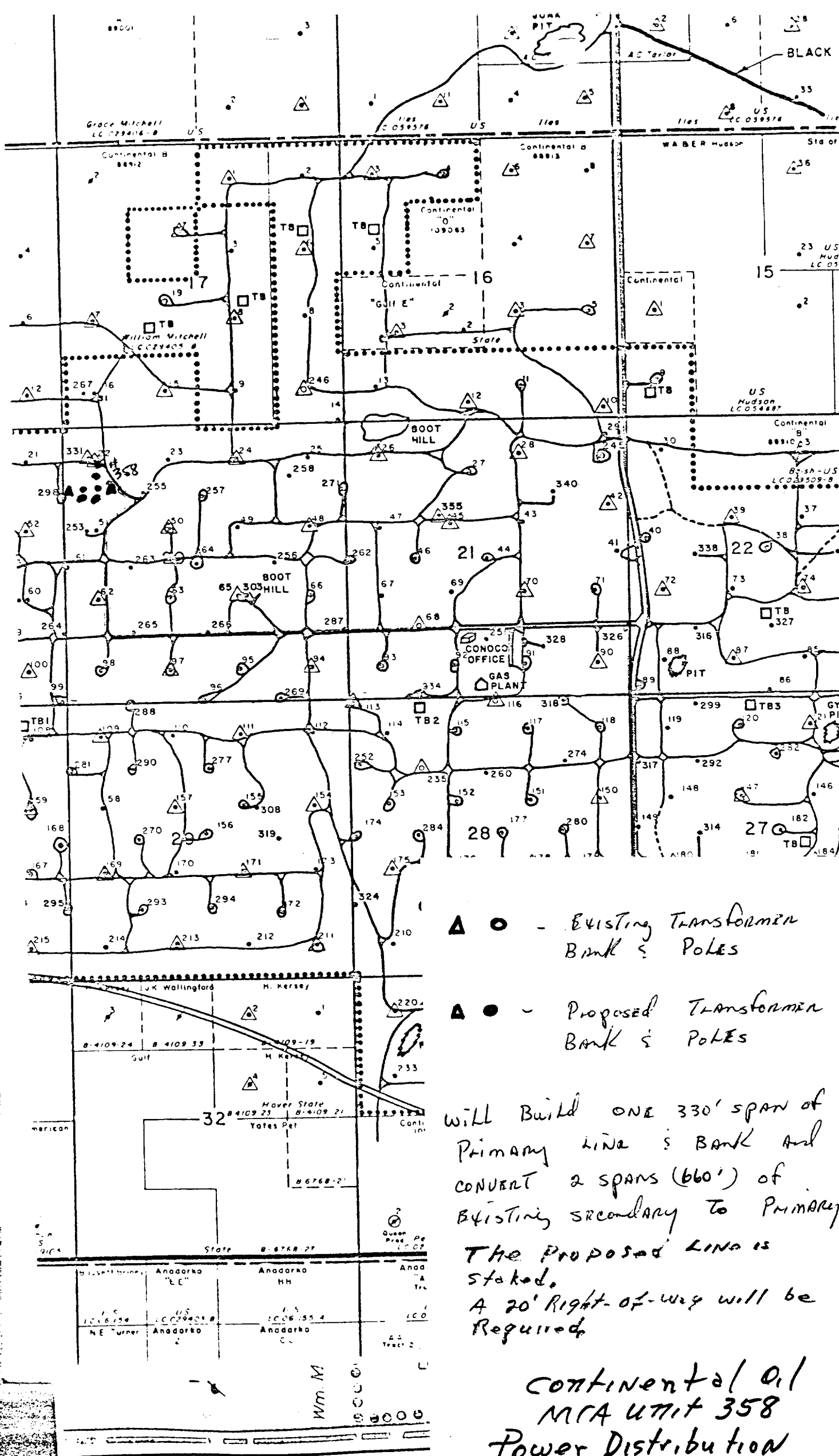
EXHIBIT "D"

CONTINENTS / O. / CO.
MCA UNIT NO. 358
MCA UNIT MAP
EXHIBIT 'D'

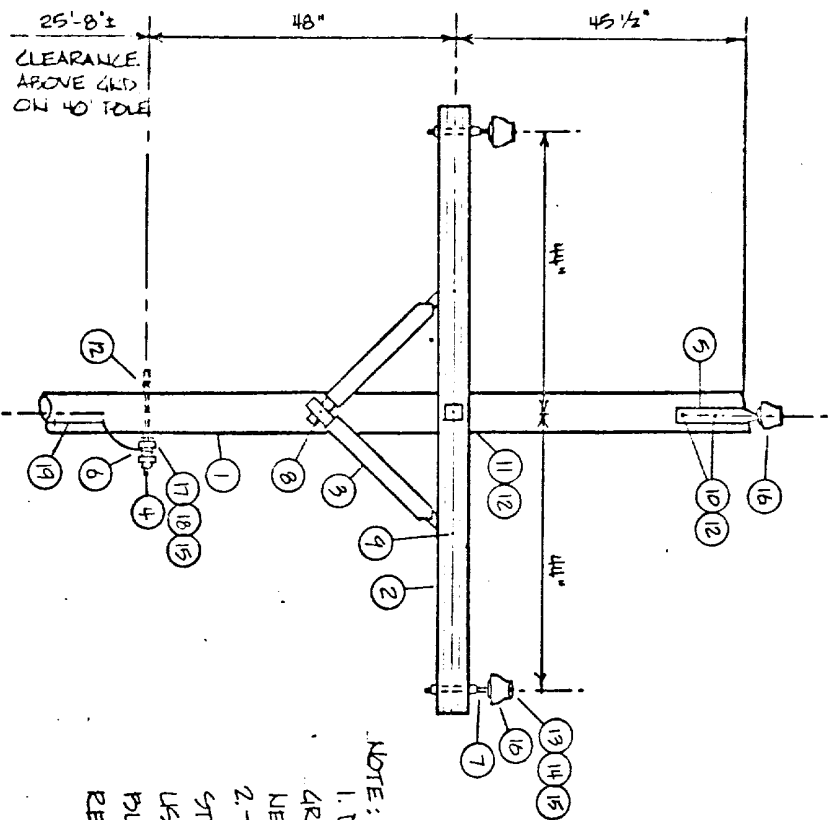




Continental O.I. Co.
MCA UNIT NO. 358
EXHIBIT "G"

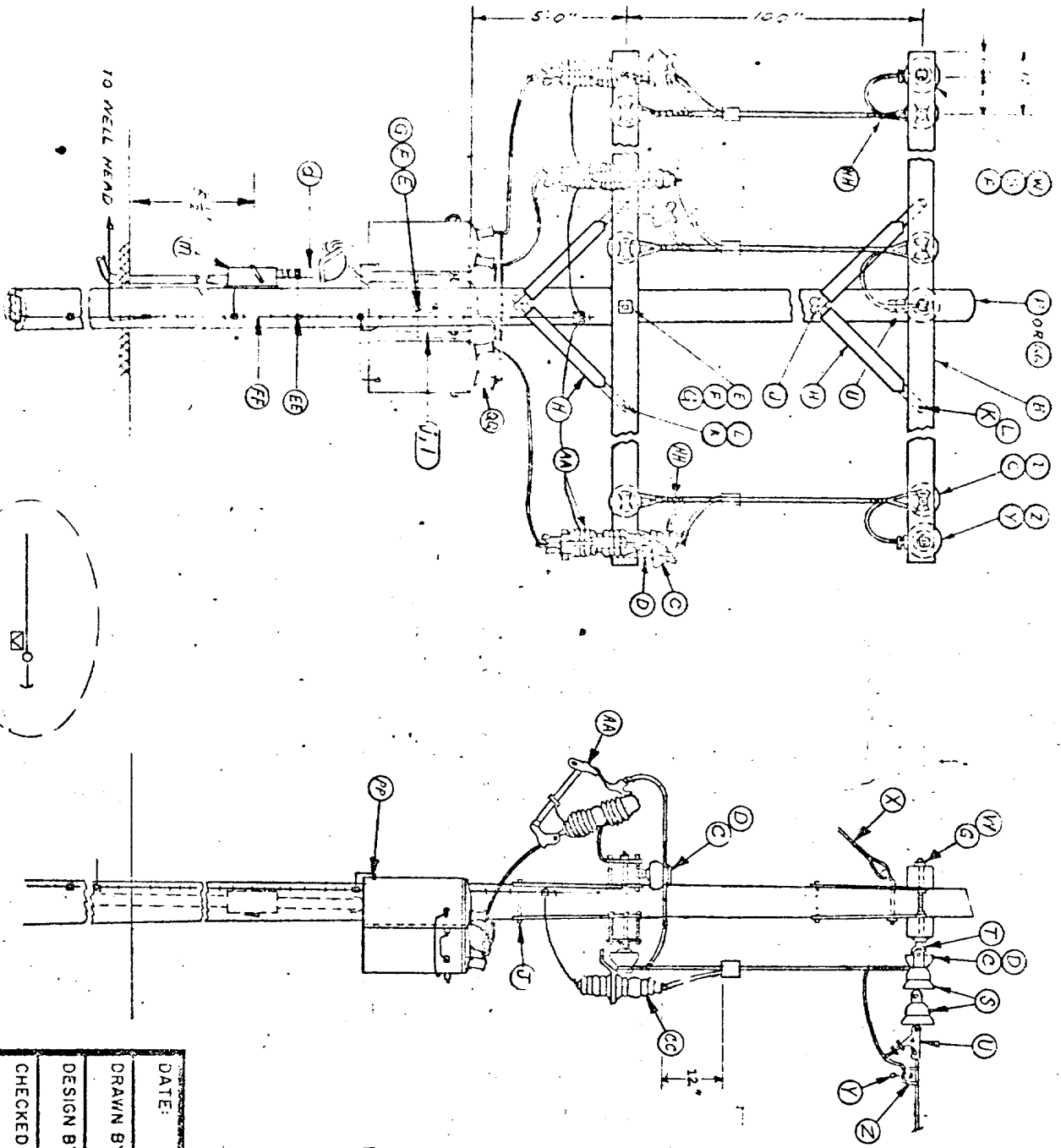


MATERIALS				
ITEM	DESCRIPTION	REQ'D	ITEM	DESCRIPTION
1	POLE, 40'	1	17	NEUTRAL CONDUCTOR
2	CROSSARM, 3/4" x 4 1/2" x 8'	1	18	ARMOR ROD
3	BRACE, WOOD	2	19	POLE GROUND WIRE, #6 AL.
4	STUD RAIL	1		
5	BIDGE PIN, 1 1/2"	1		
6	SPOOL INSULATOR	1		
7	STEEL PIN, 3/8" x 5"	2		
8	LAY SCREW, 1/2" x 4"	1		
9	CARRIAGE BOLT, 3/8" x 4 1/2"	2		
10	MACHINE BOLT, 3/8" x 10"	2		
11	MACHINE BOLT, 5/8" x 14"	1		
12	WASHER, 2 1/2" SQ.	5		
13	PHASE CONDUCTOR	-		
14	ARMOR ROD	3		
15	TIE WIRE, #6 AL.	1#		
16	PN INSULATOR, 9 KV	3		



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

DATE: 7-15-71	TITLE: PRIMARY IN LINE POLE 12,500 VOLT XCR
DRAWN BY: J. Morrill	
DESIGN BY:	
CHECKED BY: SK	PRODUCTION DEPT. CONOCO HOBBS DIVISION
APPROVED BY: SK	JOB: DRAWING NO.:
SCALE: 1/2" = 1'-0"	ELEC. SPEC. ES-26



ITEM	QTY	REF
A	4	
B	5	
C	7	
D	3	
E	24	
F	12	
G	8	
H	4	
I	8	
J	8	
K	8	
L	8	
Per 56	1	ES-1A, NOTE 5
S	6	
T	3	
U	3	
V	5	
W	1	
X	3	
Y	3	
Z	3	
AA	3	
CC	3	
EE	8	
FF	1	
HH	6	
D	1	
JL	1	ES-1A, NOTE 2
MM	1	
PP	3	
QA	6	

NOTE:
 1. CENTER PHASE ON PANK WILL HAVE EPOXY INSULATOR, KEARNLEY # 323015-24 INS. (REF.-REFER TO DRUG. ES-2B)
 2. ALL WIRE FROM POINT "U" WILL BE INSULATED TYPE WIRE ON TRANSFORMER PANK.

DATE:	12-13-71	TITLE:	SINGLE POLE SWITCH TA.
DRAWN BY:	AKD	1PH. TRANS. 2400V. MOUNT	
DESIGN BY:	AKD	PRIM. DEAD-END-12500/480 V. AGSR	
CHECKED BY:		PRODUCTION DEPT.	CONOCO
APPROVED BY:		JOB:	HOBBES DIVISION
SCALE:	NONE	ELEC SPECS	DRAWING NO:

ES-9

ITEM	DESCRIPTION	A. B. CHANGE 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	4" density wet process porcelain pin insulator		463		
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	8813			
G	5/8" w/ locknut	3512			
H	1/4" x 1 1/4" x 28" flat crossarm brace	7128			
I	1/2" x 4" E2 Feltier Drive Top Screw	508754			
J	3/8" x 4 1/2" Feltier Bolt w/ Nut	8634 1/2			
K	3/8" w/ locknut	3510			
L	Preforced Aluminum Alloy Armor Rods, size req'd				
M	tie wire #6 strong alum. alloy			KEARNEY #32102560	X
N	Epoxy Insulator (Extension Link)				
O	35' class 5 creosoted pine pole				
P	Aluminum double tab Squeeze on connector			KEARNEY SERIES "81"	X
Q	for A.C.R. Aluminum, or Copper-size req'd				
R	6" Suspension Insulator	66200			
S	5/8" standard Oval Eye Nut	6502			
T	Primary Head and Clamp		44050		
U	5/8" x 18" (or length req'd) Double Arming Bolt w/4 sq. nuts	8868			
V	fixture detail - see dwg No. ES-10 for specs.				
W	Hot Line Clamp	5152046P		KEARNEY	
Z	Squeeze on basket, size required				X

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

ITEM	DESCRIPTION	A. B. CHANGE NO.	JOSLYN NO.	OTHER MFRS. NO.	NO SUB.
AA	Primary Cutout - 100 amp, 15 KV, 16000 amp int. cap.	FZXX10156			X
AB	General purpose "U" bolt clamp	UC510AGP			
AC	Lightening arrester, 10 KV				
AD	Single phase oil switch, 14.4 KV			MCBRADISON KVMC2	
AE	split bolt connector, size req'd			BLACKBURN H SERIES	
AF	Grounding specs. see dwg No. ES-11 & ES-1A, Note 3				
AG	35' class 4 creosoted pine pole				
AH	Aluminum deadend preforms for ACSR, size req'd				
AI	30' class 6 creosoted pine pole				
AJ	60' SHROD GRND, #4 ACSR - If Req'd - Ref. Dwg ES-11,				
AK	ES-1A - Note 3				
AL	Ground connector, motor				
AM	600 V. secondary lightning arrester single phase			BUNNDY KC-22	X
AN	Greenfield type "F" liquid-tight flexible steel conduit, size req'd, w/ necessary liquid-tight connectors.				
AO	req'd size LB fitting & cover & gasket				
AP	transformer tank grounding terminal	GW5-15			
AQ	Bird Guards (insulating boots on transformer bushings)			WESTINGHOUSE	

DATE:	12-27-71	TITLE:	
DRAWN BY:	E. WINTER	DESCRIPTION MATERIAL	
DESIGN BY:		CCNOCO PRODUCTION DEPT. HOBBS DIVISION	
CHECKED BY:			
APPROVED BY:			
SCALE:	NONE		
JOB:	ELEC SPECS	DRAWING NO:	ES-1
		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 MF locknut on long end, 15 1/8" long (or length required.)	7828			
b	wet process porcelain secondary spool insulator, 3" brown glaze		1101		
d	required size conduit w/ servicehead(s) & req'd size & rated insulated conductors. Ref. Dwg ES-1B *note: provide clamp and ground conduit parallel groove clamp, size req'd			BURNDY SERIES "UC"	
e					
f	secondary insulator clevis for 4" insulator	6510			
g	5/8" thimble nut				
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		10101		
u	5/8" x 7' thimbleye anchor rod w/nut (use twineye if req'd - Chance No. 5347)	5317 (NUT 55006P)			
aa	3/8" high strength guy strand (10,800 lb.)				
bb	prepared guy strip 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				
pe	medium size strain insulator				
hh	servicing 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		 HOBBS DIVISION DRAWING NO.: JOB: ELEC SPECS SHEET 3 OF 3	
DESIGN BY:			
CHECKED BY:			
APPROVED BY:			
SCALE: NONE			

U. S. Geological Survey

HOBBS DISTRICT

Continental Oil Company
No. 358 MCA Unit
NW $\frac{1}{4}$ NW $\frac{1}{4}$
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. Operator will provide the dirt contractor with a copy of the enclosed Bureau of Land Management "Standard Requirements for all Drilling in Relation to Oil and Gas Activities in the Roswell District" prior to commencing construction of road, pad, or other associated developments.
7. In the event the oil or gas test results in a dry hole, the drill pad and access road will be ripped in accordance with "BLM Roswell District's Ripping Recommendations for Caliche or Compacted Drill Pads and Access Roads". (Reseeding of the affected areas may be required at the discretion of the BLM authorized officer).

All ripped surfaces are to be protected from vehicular travel by constructing a dead-end ditch and earthen barricade at the entrance to these ripped areas. The barricade is to be constructed using spoil material from the ditch and should be of sufficient magnitude to discourage vehicle entry.
8. All above ground structures, not subject to applicable conservation and safety requirements, shall be painted to blend with the natural surroundings unless alternate colors for specific equipment are requested and approved. The paint used should be a nonglare, nonreflective, flat, or semi gloss that simulates Fed. Stand. No. 595, color 30318.
9. Minimum required fill of cement behind the 5-1/2" casing is to the base of the salt section.