

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SEP 7 1982

Instructions on
reverse side)

O. C. D.

ARTESIA, OFFICE

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

DEPCO, Inc. ✓

3. ADDRESS OF OPERATOR

800 Central, Odessa, Texas 79761

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

At surface

C-1980¹ FWL & 660¹ FWL, Sec. 20, T-5-S, R-25-E

At proposed prod. zone

660 N 1982 W

ut. c

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

43 miles NNE of Roswell, New Mexico

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 WELL18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

4225'

20. ROTARY OR CABLE TOOLS

Rotary

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

3837 GR

22. APPROX. DATE WORK WILL START*

On approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4"	10 3/4"	40.50#	975'	Gra.
7 7/8"	4 1/2"	10.50#	4225'	675 and w/DV collar @ 1785'

Mud Program: See letter from Marrs Mud Company

BOP Program: See Exhibit "D"

Transwestern Pipeline will purchase gas.

RECEIVED

AUG 13 1982

OIL & GAS
MINERALS MGMT. SERVICE
ROSWELL, NEW MEXICO

YOUNG & ASSOCIATES
1122 N. 1st St.
Bldg. 4101
9-9-82

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. L. Denney

TITLE

Chief Production Clerk

DATE

8-11-82

(This space for Federal or State office use)

(Orig. Sgd.) GEORGE H. STEWART

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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 well proposals or reports on the well.

Item 4: If there are no applicable State regulations, locations of 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 located 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.

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

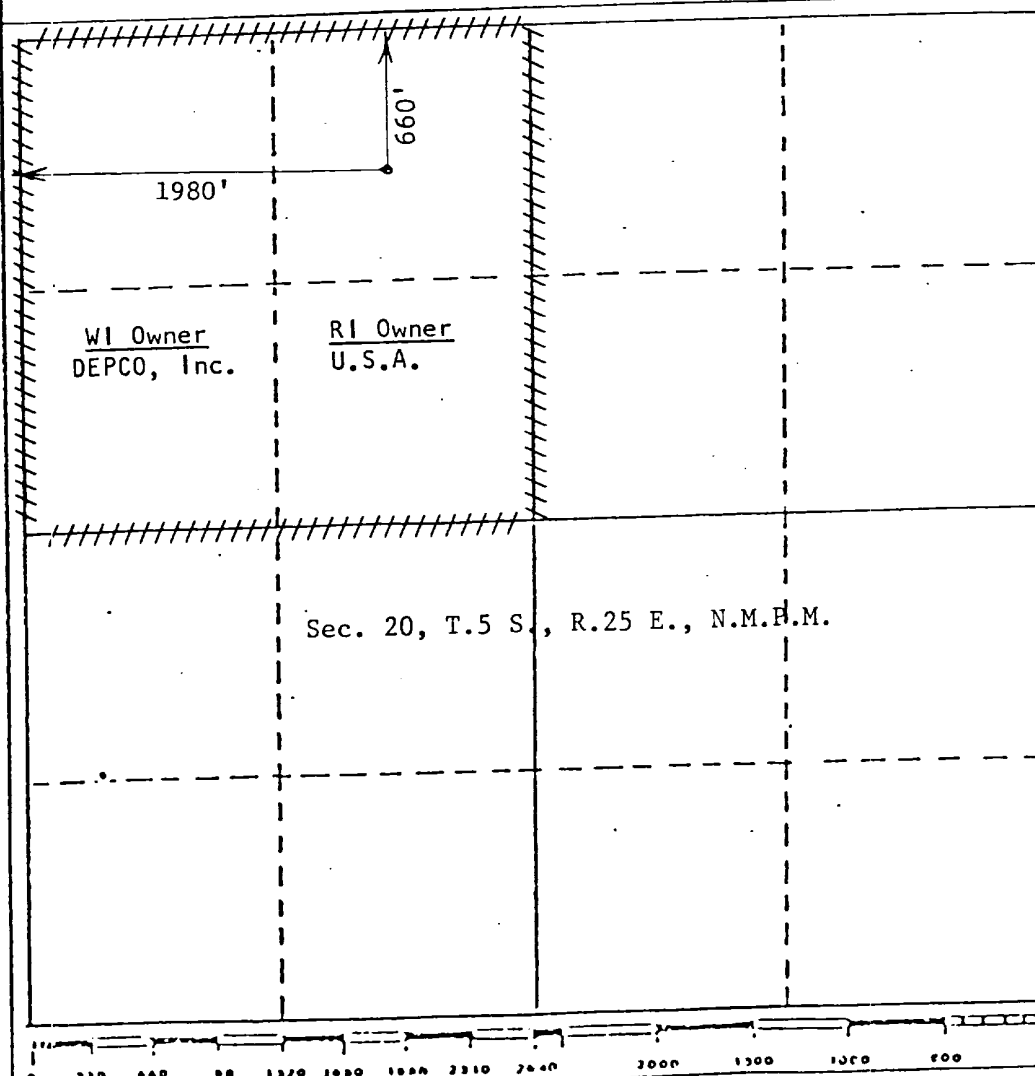
Operator Depco		Lease Rose Federal		Well No. #2	
Unit Letter C	Section 20	Township 5 South	Range 25 East	County Chaves	
Actual Footage Location of Well:					
660 feet from the North line and		1980 feet from the West line			
Ground Level Elev. 3837	Producing Formation Abo		Pool Pecos Slopes Abo		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Division.



CERTIFICATION

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

R. L. Denney
Name

R. L. Denney

Position

Chief Production Clerk

Company

DEPCO, Inc.

Date

8-11-82

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

July 30, 1982

Registered Professional Surveyor and/or Land Surveyor

John D. Jaquess
John D. Jaquess, P.E. & L.S.
Certificate No. 6290

DEPCO, Inc.
800 CENTRAL
ODESSA, TEXAS

APPLICATION FOR DRILLING

DEPCO, INC.
No. 2 Rose Federal
CHAVES COUNTY, NEW MEXICO

In conjunction with Form 9-331C, Application for permit to drill, DEPCO, INC. submits the following items of pertinent information in accordance with USGS requirements.

1. The estimated tops of geologic markers are as follows:

San Andres	575'
Glorieta	1585'
Tubb	3055'
Abo	3625'

2. The depths at which anticipated water, oil or gas formations are expected to be encountered:

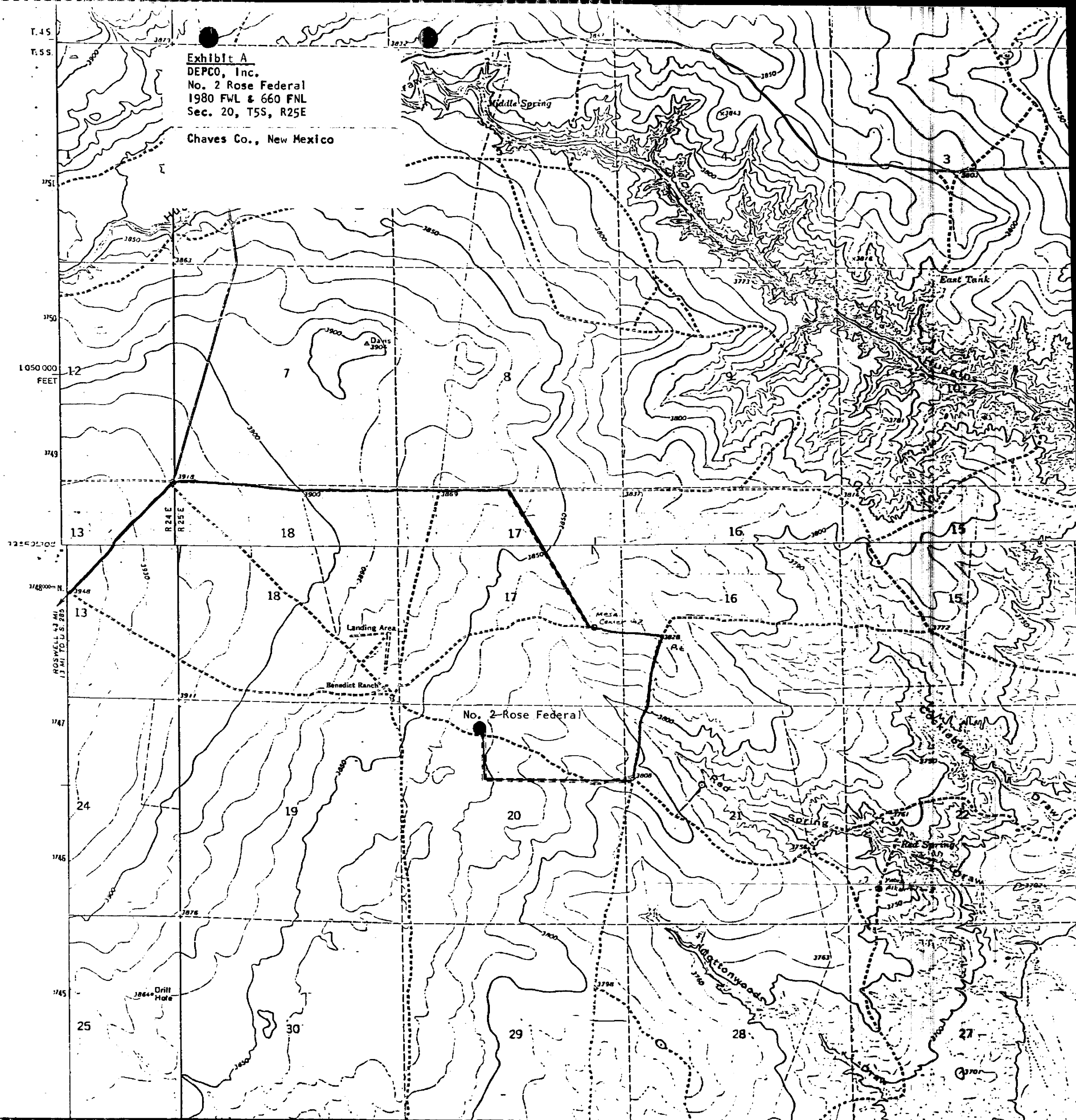
Water:	Approximately 950 feet or less
Gas:	Abo 3625'

3. Proposed casing program: See Form 9-331C.
4. Pressure Control Equipment: See Form 9-331C and Exhibit D.
5. Mud Program: See Form 9-331C and attached letter from Marrs Mud Company.
6. Auxiliary Equipment: Blowout Preventer, Inside Blowout Preventer, Kelley Cock.
7. Testing, Logging and Coring Program:

Drill Stem Test: Abo
10-foot samples from surface casing to TD
Logging: Dual Laterolog and Compensated Neutron/Density
With Gamma Ray and Caliper

8. No abnormal pressures or temperatures are anticipated.
9. Anticipated starting date: As soon as possible.

Chaves Co., New Mexico



W.E.K. DRILLING CO., INC.

File layout for Rig No. 3

Exhibit C

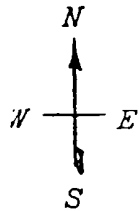
DEPCO, Inc.

No. 2 Rose Federal

1980 FWL & 660 FNL

Sec. 20, T5S, R25E

Chaves Co., New Mexico



No Scale

Cellar - 5' x 5' x 5'

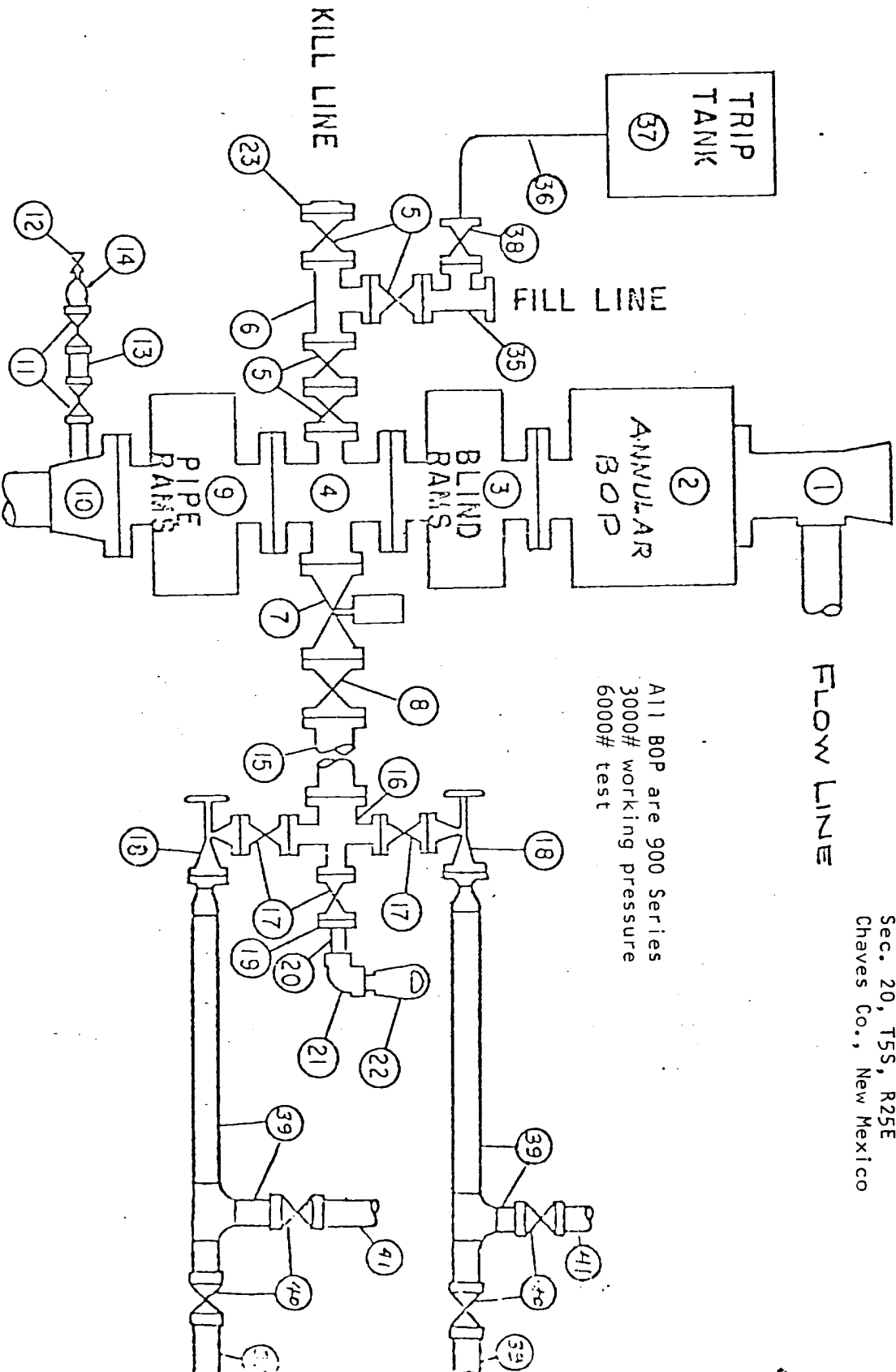
This Rig equipted with Schaffer type "F" 10" series 900 BOP with 4" blind rams, kill line and choke manifold. Koomay hydraulic controls and accumulator with remote controls.

Maintain six (6) foot spacing between oil tank, water tank, diesel tank and light plant.

Twenty (20) foot by Forty(40) foot stinger area at west end of location.

WEK DRILLING CO., INC. BLOWOUT PREVENTER SPECIFICATION

Exhibit D
DEPCO, Inc.
No. 2 Rose, Federal
1980 FWL & 660 FNL
Sec. 20, T5S, R25E
Chaves Co., New Mexico



All BOP are 900 Series
3000# working pressure
6000# test