

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 ☐		RECEIVED SEP 20 1982		RECEIVED	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐		MULTIPLE ZONE ☐			
2. NAME OF OPERATOR DEPCO, Inc. ✓		O. C. D.		SEP 13 1982	
3. ADDRESS OF OPERATOR 800 Central, Odessa, TX 79761		ARTESIA, OFFICE		O. C. D.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface M-660 FS & WL, Section 18, T-5-S, R-25-E		ARTESIA, OFFICE		Lt. M	
At proposed prod. zone					
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 43 miles NNE of Roswell, New Mexico		16. NO. OF ACRES IN LEASE		17. NO. OF ACRES ASSIGNED TO THIS WELL 160	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		19. PROPOSED DEPTH 4245'		20. ROTARY OR CABLE TOOLS Rotary	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.				22. APPROX. DATE WORK WILL START* On approval	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3911 GR					
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#	1000'	Circ.	
7 7/8"	4 1/2"	10.50#	4245'	675 sq. ft. w/DF collar @ 1895'	

Mud Program: See letter from Marrs Mud Company
BOP Program: See Exhibit "D"
Transwestern Pipeline Company will purchase gas

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MINERALS MGMT. SERVICE
ROSWell, 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 <u>R. L. Denney</u> R. L. Denney TITLE <u>Chief Production Clerk</u> DATE <u>8-13-82</u>	
(This space for Federal or State official use)	
PERMIT NO. <u>(Orig. Sgd.) GEORGE H. STEWART</u>	APPROVAL DATE
APPROVED BY <u>SEP 9 1982</u>	TITLE
CONDITIONS OF APPROVAL, IF ANY:	DATE
JAMES A. GILLHAM DISTRICT SUPERVISOR	

*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 from the land or lease description. A plat, or plat, 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.

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

Operator Depco		Lease Rose Federal		SEP 20 1982		Well No. #5	
Unit Letter M	Section 18	Township 5 South	Range 25 East	County O.C.D. CHAVES ARTESIA, COLORADO			
Actual Postage Location of Well: 660		South		660		West	
Ground Level Elev. 3911		Producing Formation Abo		Pool Pecos Slopes Abo		Dedicated Acreage: 160.23 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 all 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 pooled, unitized, or force-pooled (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.

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MINERALS MGMT. SERVICE
ROSWELL, NEW MEXICO

Sec. 18, T.5 S., R.25 E., N.M.P.M.

WI Owner
DEPCO, Inc. ③

RI Owner
U.S.A.

660'

CERTIFICATION

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

Name
R.L. Denney

Position
Chief Production Clerk

Company
DEPCO, Inc.

Date
8-13-82

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 Engineer and/or Land Surveyor
John D. Jaques, P.E. & L.S.

Certificate No.
6290

DEPCO, Inc.
800 CENTRAL
ODESSA, TEXAS

APPLICATION FOR DRILLING

DEPCO, INC.
No. 5 Rose Federal
CHAVES COUNTY, NEW MEXICO

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MINERALS MGMT. SERVICE
ROSWELL, 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	615'
Glorieta	1605'
Tubb	3075'
Abo	3645'

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O. C. D.
ARTESIA, OFFICE

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

Water:	Approximately 950 feet or less
Gas:	Abo 3645'

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.

T. 4 S.

T. 5 S.

Exhibit A
DEPCO, Inc.
No. 5 Rose Federal
660 FS & WL
Sec. 18, T5S, R25E
Chaves Co., New Mexico

1050 000
FEET

12

1749

13

R 24 E
R 25 E

13

3748000m N.

4.3 MI
U.S. 285

Middle Spring

East Tank

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

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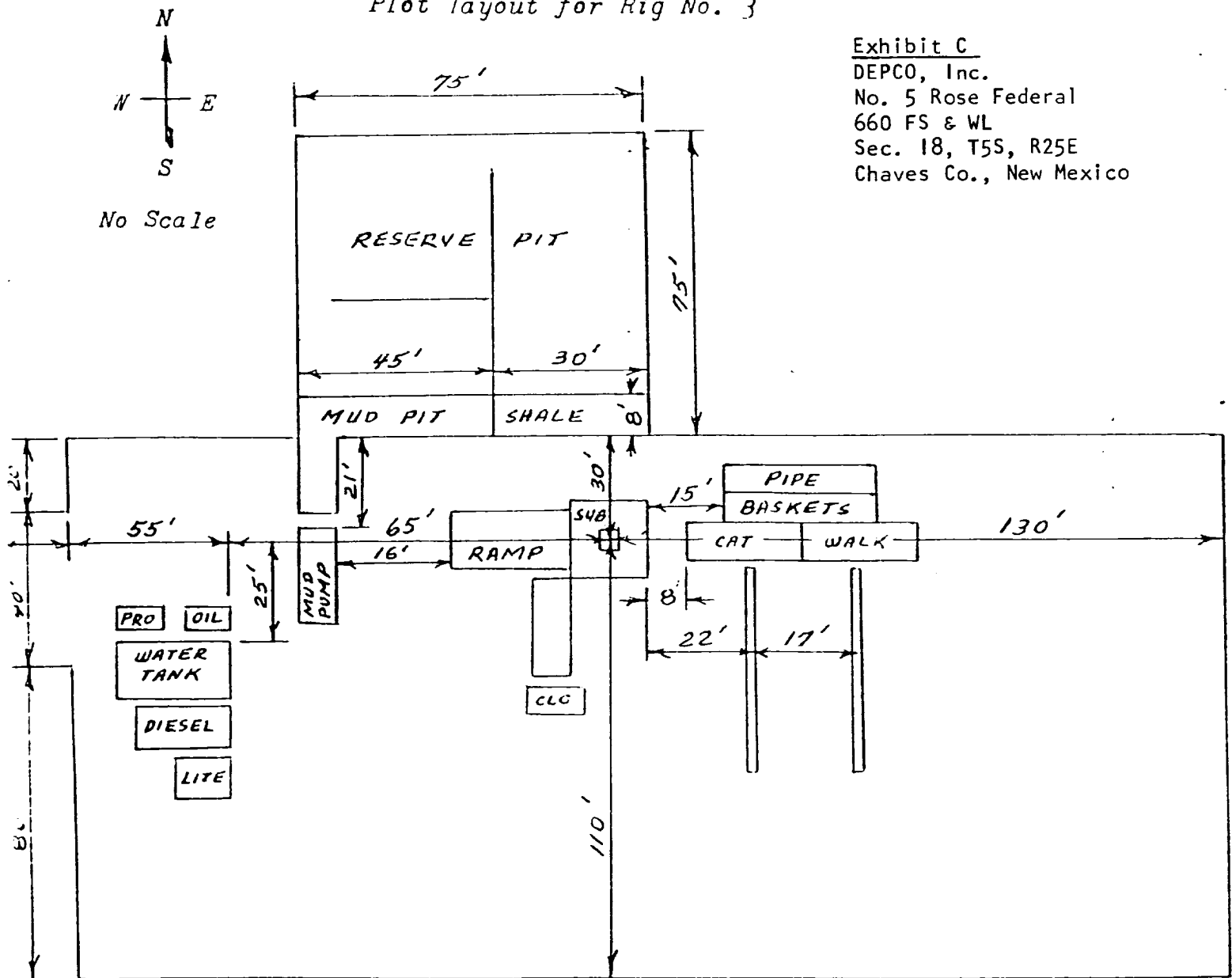
3

3

3

*"E.K. DRILLING CO., INC.
Plot layout for Rig No. 3*

Exhibit C
DEPCO, Inc.
No. 5 Rose Federal
660 FS & WL
Sec. 18, T5S, R25E
Chaves Co., New Mexico



Cellar - 5' x 5' x 5'

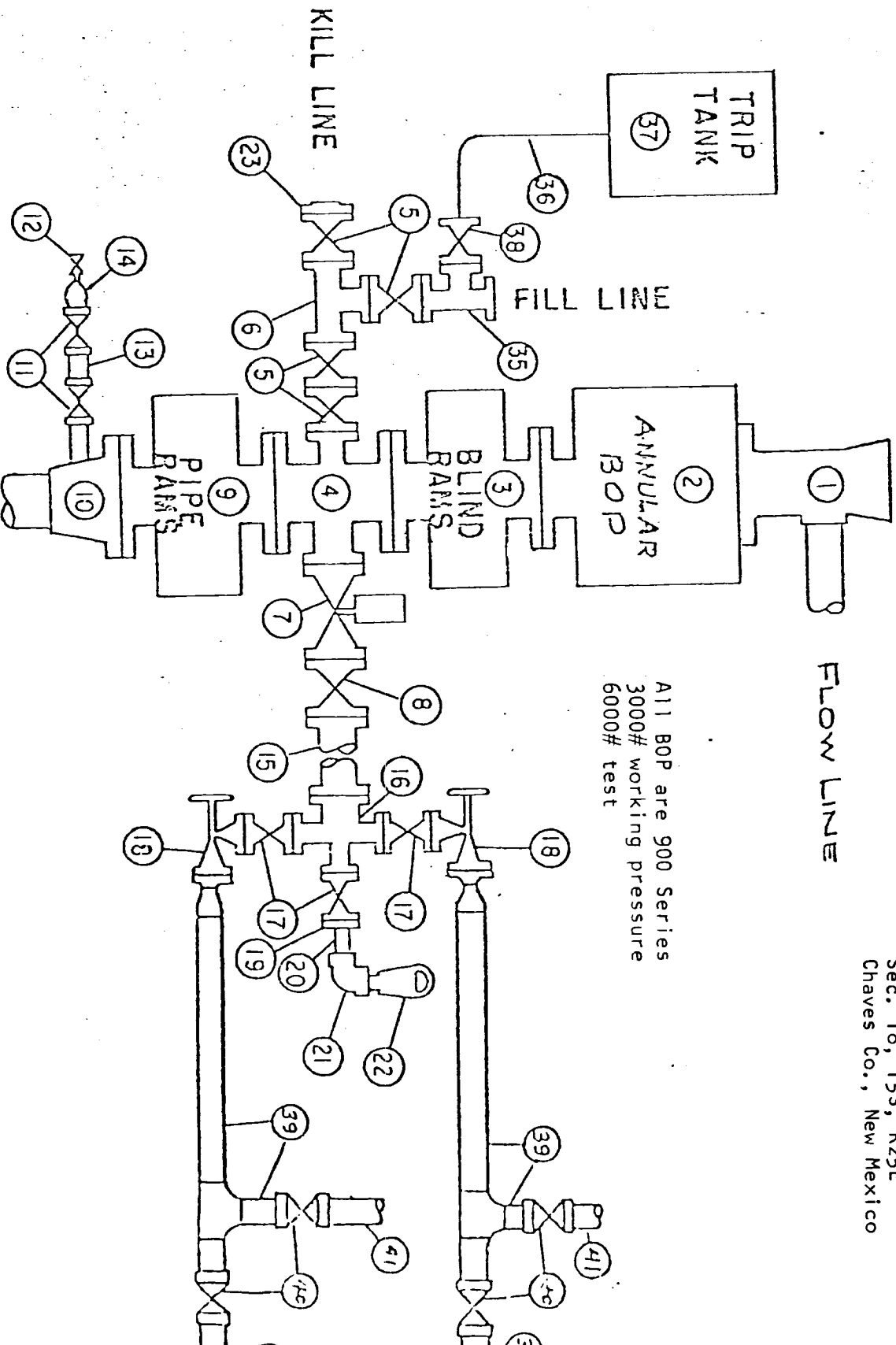
This Rig equipped with Schaffer type "E" 10" series 000 BOP with 4" blind rams, kill line and choke manifold. Koomey hydraulic controls and accumulator with remote controls.

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

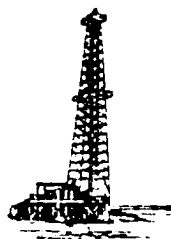
Exhibit D
 DEPCO, Inc.
 No. 5 Rose Federal
 660 FS & WL
 Sec. 18, T5S, R25E
 Chaves Co., New Mexico



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

DEPCO, Inc.

Exploration & Production



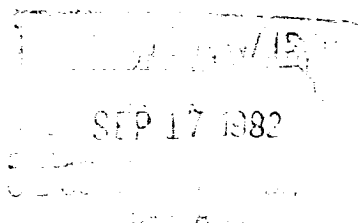
800 Central
ODESSA, TEXAS 79760

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OIL & GAS
MINERALS MGMT. SERVICE
ROSWELL, NEW MEXICO

August 16, 1982



Minerals Management Service
P.O. Drawer 1857
Roswell, New Mexico 88201

RE: Surface Requirements
No. 5 Rose Federal
660' FS & WL
Section 18, T-5-S, R-25-E
Chaves Co., New Mexico

Gentlemen:

The surface owner, E. N. Benedict, has been contacted about surface damages and restoration of the surface. An agreement has been made as to the damages and restoration of the surface.

Very truly yours,

R. L. Denney
Chief Production Clerk

RLD/vp