

NMOCC COPY

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-005-60464

5. LEASE DESIGNATION AND SERIAL NO.

NM 0477614

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Midwest Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Sand Ranch Atoka

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

23-10s-29e

12. COUNTY OR PARISH

Chaves

13. STATE

New Mex.

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
ZON ☐MULTIPLE
ZON ☐

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

Unit Letter G, 1980 FN & EL, 23-10s - 29e

At proposed prod. zone

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

37 Miles East of Roswell, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any)

1980

16. NO. OF ACRES IN LEASE

1440

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

2640

19. PROPOSED DEPTH

9700

20. ROTARY OR CABLE TOOLS

Rotary

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

3948.2

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
17 1/2	13 3/8	48	350	425 sx.
12 1/4	8 5/8	24 & 32	2875	500 sx.
7 7/8	4 1/2	11.6	9700	600 sx.

Mud Program: Letter dated 10/20/77 from Texas Mud & Chemical Co.

BOP Program: See Exhibit D

Gas Production dedicated to El Paso Natural Gas.

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ARTESIA, 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 D. R. Mason D. R. Mason TITLE Chief Clerk DATE 10-25-77

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE NOV 28 1977APPROVED BY See D. L. Lasa TITLE ACTING DISTRICT ENGINEER DATE NOV 28 1977

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES FEB 28 1978

*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, notations 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 by road 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.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1
Revised 1-6-68
5-15-68

All distances must be from the outer boundaries of the Section

Operator Depco, Inc.		Lease Midwest Federal		Well No. 2
Tract Letter G	Section 23	Township 10 South	Range 29 East	County Chaves
Actual Footage Location of Well: 1980 feet from the North line and 1980 feet from the East line				
Ground Level Elev. 3948.2	Producing Formation Atoka	Pool Sand Ranch Atoka	Dedicated Acreage 320	Acres

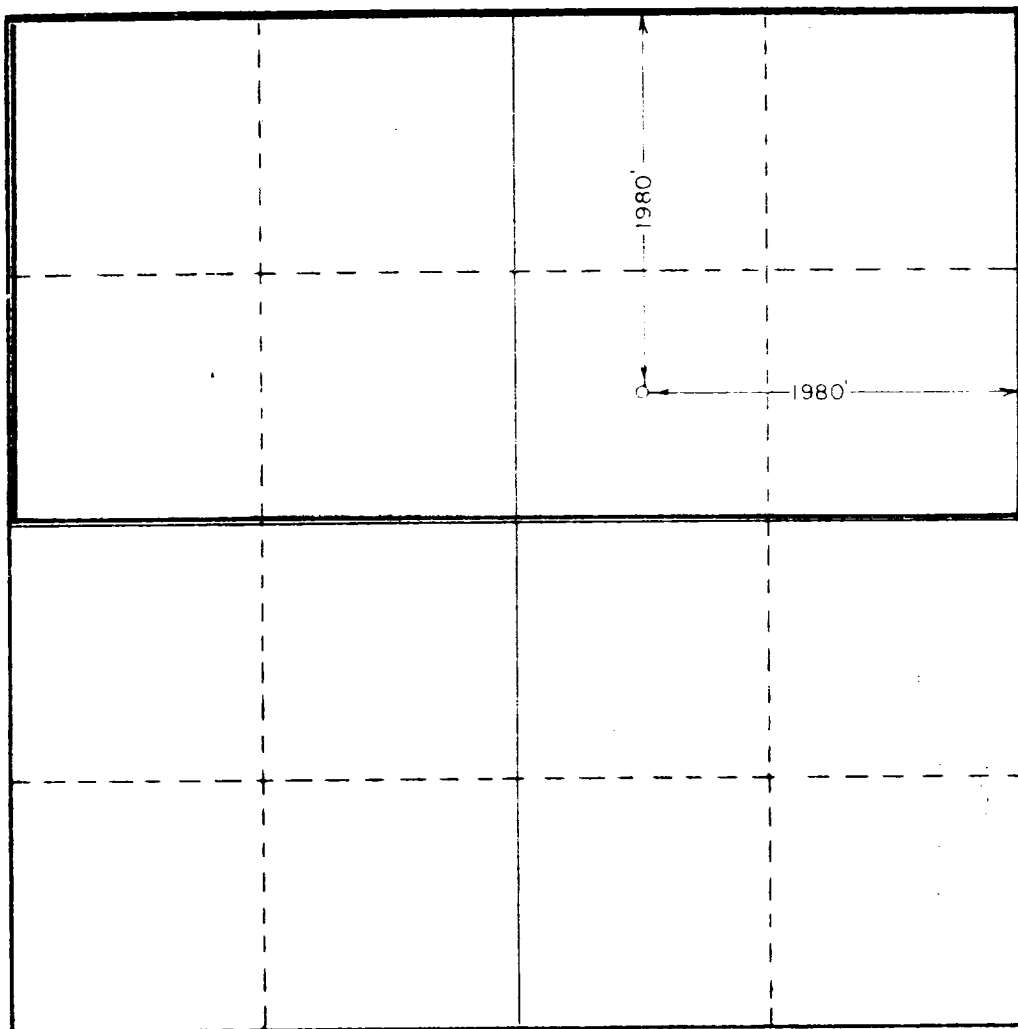
- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of _____ been consolidated by communitization, unitization, force-pooling, etc?

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ARTESIA, NEW MEXICO

☐ 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.

D. R. Mason

Name

D. R. Mason

Position

Chief Clerk

Company

DEPCO, Inc.

Date

10-25-77

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

September 28, 1977

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No.

676

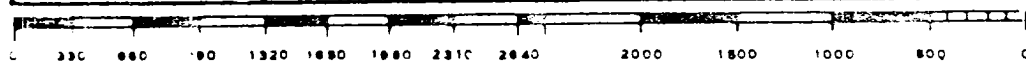
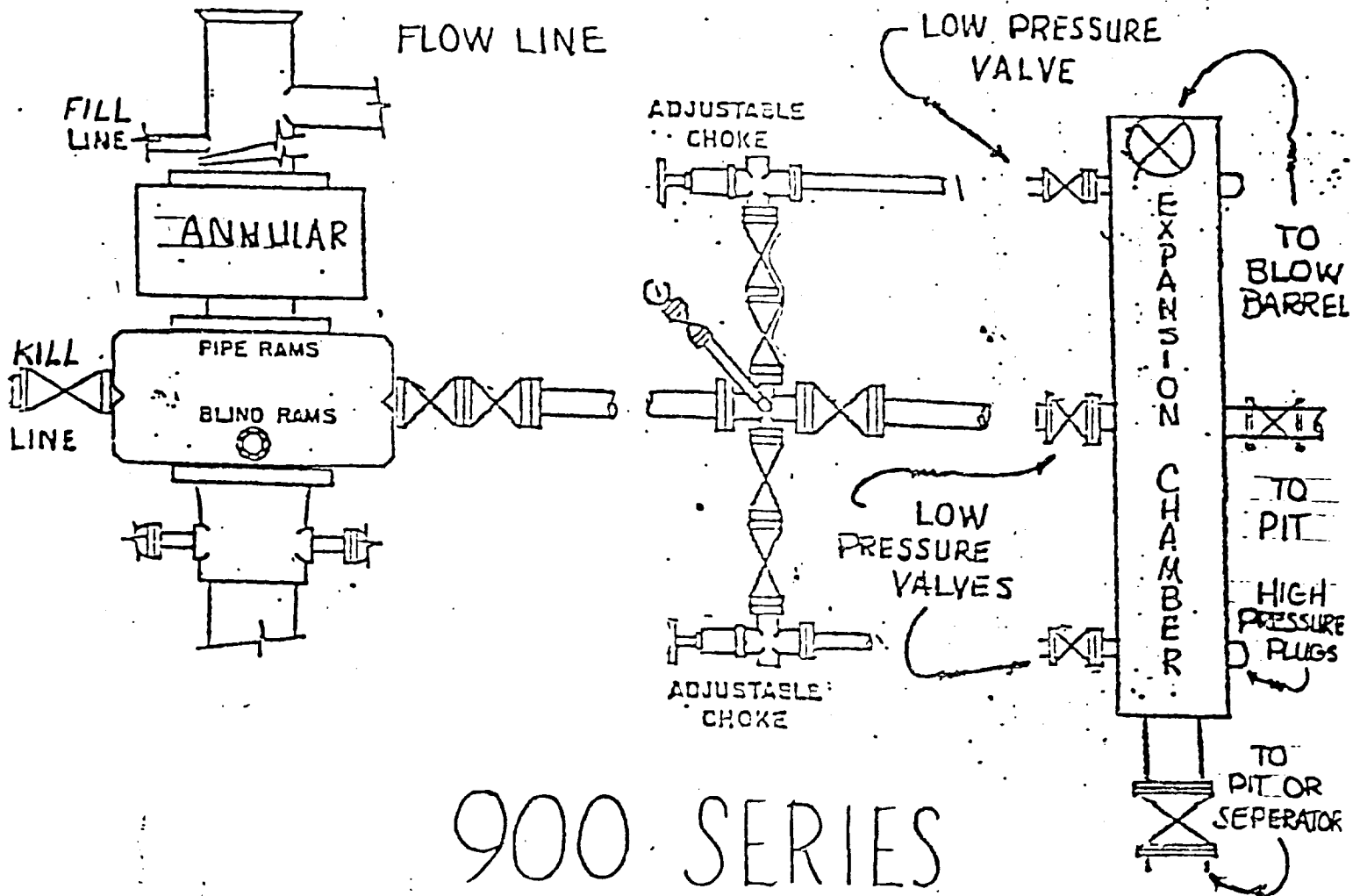
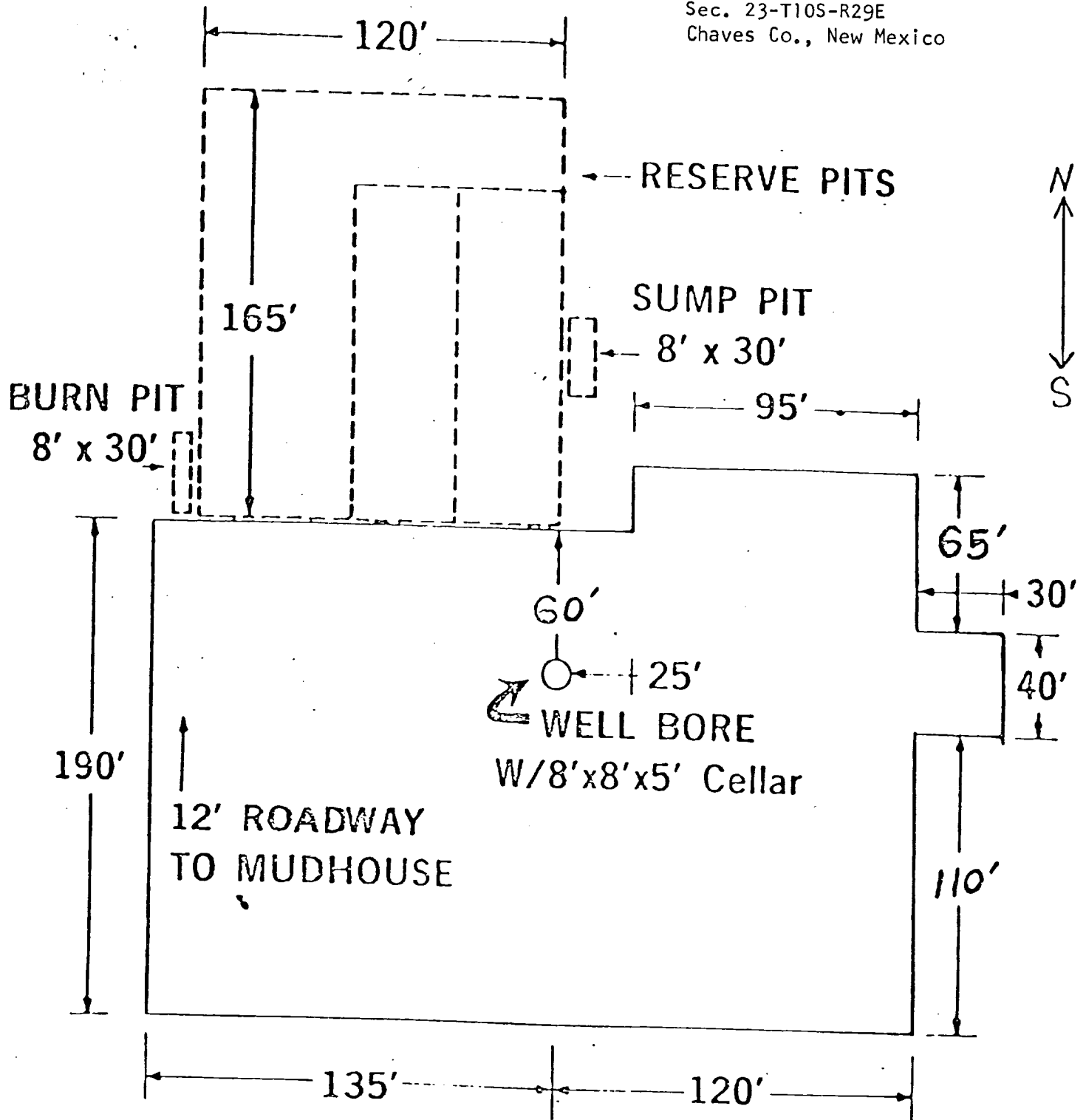


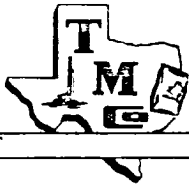
EXHIBIT "D"
DEPCO, Inc.
No. 2 Midwest Federal
1980' FN&EL
Sec. 23-T10S-R29E
Chaves Co., New Mexico



900 SERIES
MORANCO RIGS 5-6-9

EXHIBIT "C"
DEPCC Inc.
No. 2 Midwest Federal
1980' FN&EL
Sec. 23-T10S-R29E
Chaves Co., New Mexico





TEXAS MUD AND CHEMICAL CO.

P. O. BOX 1966

PHONE A/C 915/381-0400

ODESSA, TEXAS 79760

October 20, 1977

Depco, Inc.
800 Central
Odessa, Texas 79761

Attn: C.O. Bizzell

Dear Carl:

We are pleased to submit a Mud Program for your " Midwest Federal # 2 " to be drilled in Section 23, Chaves County, New Mexico.

0 - 400'	TMC Gel and Lime, Vis. 36-38, for hole conditions.
400 - 2850'	Drill with native mud, Vis. 30-31. Add Mud Seal if needed for seepage. Add Lime or Caustic for P.H. control 9.5 - 10.
2850 - 6000'	Drill with fresh water circulating reserve pit for solids control. Add Lime or Caustic for P.H. control 9.5 - 10. Add Mud Seal if needed for seepage.
6000 - 8000'	Add Salt Gel to raise Vis. 32-33. Add 2-3% Oil. Maintain P.H. 9.5-10. with Caustic. For D.S.T. lower W/L 20cc.
8000 - 8800'	Maintain Vis. 33-34, Lower W/L 20cc or less, 2-3% Oil.
8800' - T.D.	Lower W/L 5cc or less, Raise Vis. 36-38 if needed for D.S.T. and logging.

Drilling

Hazards: None Expected

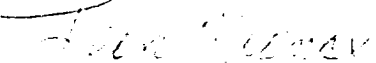
Est. Mud Cost: \$15,000.00

Stock Point: Lovington, N.M. - Call Odessa 915 - 381-0400.

Engineer: J.F. "Red" Nimmons, Odessa 381-0400 - 381-0600.

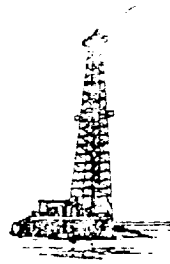
Thank you for the opportunity of submitting this program for your consideration. We hope to hear from you soon.

Sincerely,


Texas Mud & Chemical Company
Leon Koonce, President

DEPCO, Inc.

Exploration & Production



800 Central
ODESSA, TEXAS 79760

APPLICATION FOR DRILLING

DEPCO, Inc.
No. 2 Midwest Federal - Section 23 - T10S - R29E
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:

Yates	1,292
San Andres	2,547
Glorieta	3,922
Tubb	5,377
Abo	6,242
Wolfcamp	7,227
Cisco	7,922
Canyon	8,122
Strawn	8,652
Atoka	8,972
Miss. Lime	9,397
TD	9,700

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

Water: Approximately 100 feet or less.
Oil or Gas: Atoka 8972 - 9397
Miss. 9397 - 9700

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 Texas Mud & Chemical Co.
6. Auxiliary Equipment: Blowout Preventer, Inside Blowout Preventer, Kelley Cock.
7. Testing, Logging and Coring Programs:

Drill Stem Tests: Atoka - 2
Miss. - 1
10-foot samples from intermediate casing to TD.
Logging: Dual Laterolog and Compensated Neutron/Density
with Gamma Ray and Caliper.

8. No abnormal pressures or temperatures are anticipated.