

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

TENNECO OIL COMPANY

3. ADDRESS OF OPERATOR

1860 Lincoln St., Suite 1200, Denver, Colorado 80295

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

At surface

At proposed prod. zone 1450' FSL and 1085 FEL
Unit I

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

Turn off Hwy 17 up onto Manzanarres Mesa. Follow map exhibit
to well site.

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest dfg. unit line, if any)

16. NO. OF ACRES IN LEASE

+ 320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

E/+320 293.90

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

+5395'

20. ROTARY OR CABLE TOOLS

Rotary

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

6382' GL

22. APPROX. DATE WORK WILL START*

May 30, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	+ 200'	Suff. to circulate to surface
8-3/4"	7"	23#	+ 3195'	Suff. to cement to surface csg.
6-1/8"	4-1/2"	10.5#	+ 2995'-5395'	Suff. to cement to 7" csg.

1- The geologic name of this surface formation is (San Jose Eocene/~~MANZANARRES~~)

2&3 Formation Tops (Estimated)

Pictured Cliffs	+	2,915	'Possible oil or gas producer
Cliff House	+	4,565	'Possible oil or gas producer
Menefee	+	4,715	'Possible oil or gas producer
Point Lookout	+	5,175	'Possible oil or gas producer
Mancos Shale	+	5,275	'

4- Run 9-5/8" OD, K-55 new casing to +200' and circulate cement to surface. Run 7" OD, 23#, K-55 new casing to +3195' and circulate cement up through the 9-5/8" csg. Run a 4 1/2" csg. Liner from 200' above bottom of 7" csg. to T.D. and circulate cement back to the top of 4 1/2" csg. Casinghead will be a 10" 900 series w/a 3000 psi. rating.

5- Blowout preventors: Hydraulic, double ram, 10". One set of rams will be provided for each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2", kill line will be 2", choke relief line will be 2" with variable choke.

6- We will use; spud mud from 0-+200'; Gel Chemical w/low solids as needed to maintain good hole conditions from +200'-+3195'; Compressed gas from +3195' to T.D..

7- Auxiliary Equipment

- Kelly cock will be in use at all times.
- Stabbing valve to fit drill pipe will be present on floor at all times.
- Mud monitoring will be visual, no abnormal pressures are anticipated in this area.
- Rotating head will be used when drilling with gas.

8- An AOF test will be taken at the completion of this well. No cores will be taken. Gamma Ray and Compensated Density logs will be run. Any other evaluation that may be necessary during the drilling of this well will be conducted as needed.

9- No abnormal pressures or temperatures are anticipated. See point #5 for blowout prevention equipment.

10- The drilling of this well will take approximately eight days. The gas is contracted to Southern Union Gathering Co.

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 prevention program, if any.

24.

SIGNED

A. D. Myers

TITLE

Div. Production Manager

DATE

2-16-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

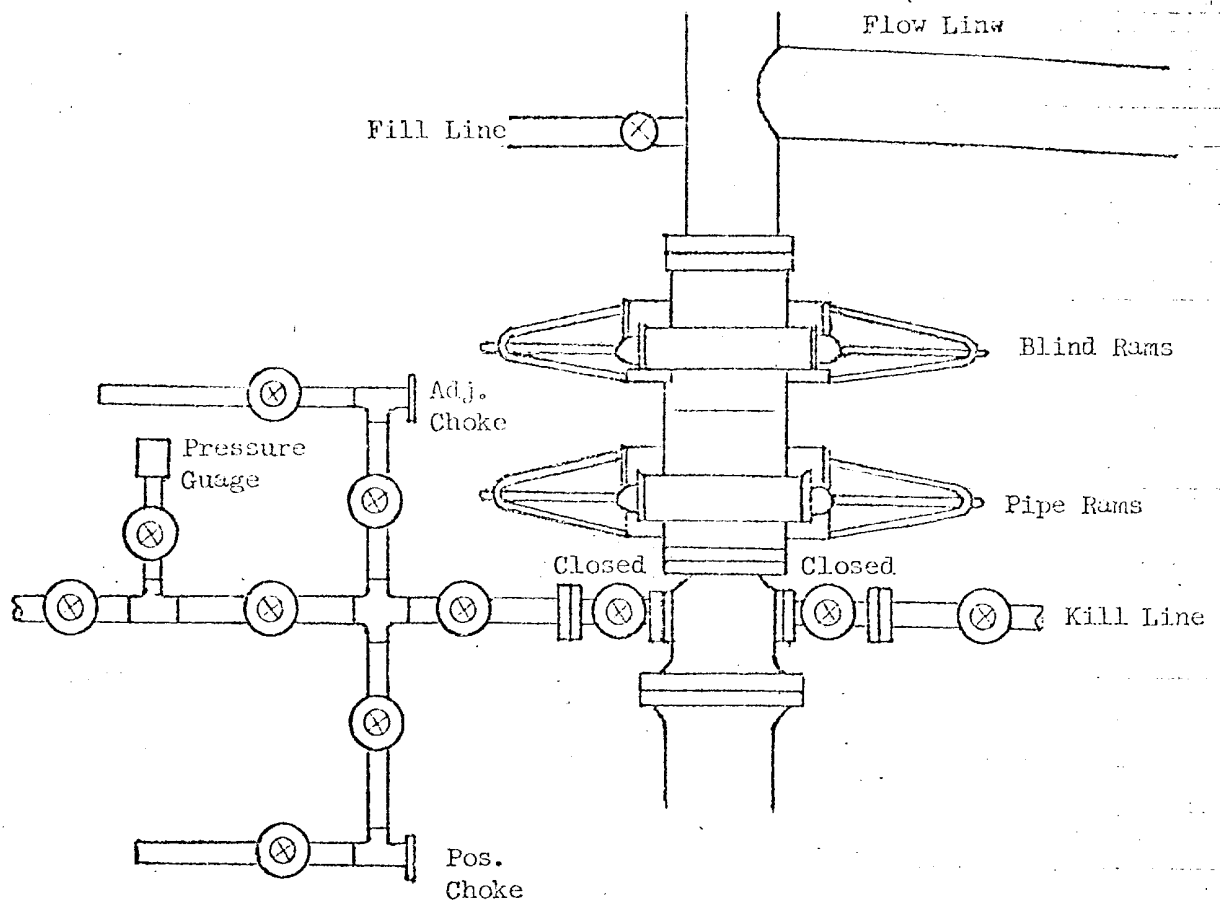
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

FEB 22 1977

DATE

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.



All valves 2"

All BOPs, flanges, spools, valves, & lines must be series 900 or 3000 psi working press.

Choke manifold must be at ground level and extended out from under substructure.

TENNECO OIL COMPANY

REQUIRED MINIMUM BLOWOUT PREVENTOR

HOOKEUP

Denver, Colorado

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACERAGE DEDICATION PLAT

ALL distances must be from the outer boundaries of the Section

Operator TENNECO OIL COMPANY			Lease FLORANCE		Well No. 23 - A
Unit Letter I	Section 24	Township 29 NORTH	Range 9 WEST	County SAN JUAN	
Actual Footage Location of Well: 1450 feet from the SOUTH line and 1515 feet from the EAST line					
Ground Level Elev. 6382	Producing Formation Blanco Mesa Verde		Pool Blanco Mesa Verde	Dedicated Average: EL320	293.90 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?
- One Lease**
☐ Yes ☐ No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually 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 *Ted J. Drake*
 Position Production Analyst
 Company Tenneco Oil Company
 Date February 14, 1977

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

7 February 1977

Date Surveyed
James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor **JAMES P. LESEE**

1463

Certificate No.

