

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

3. NAME OF OPERATOR

Tenneco Oil Company

4. ADDRESS OF OPERATOR

1360 Lincoln St., Suite 1200, Denver, Colorado 80203

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

At surface 1450' FSL and 1450' FEL, Unit J

At proposed prod. zone

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
12 miles East of Aztec, N.M. on highway 173, turn left on lease road for 3/4 mile, turn right to Riddle 6, 500' SW of there.

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. unit line, if any)

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

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

7072' GL

10. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	9 5/8"	36#	+ 200'	Suff. to circulate to surface.
8 3/4"	7"	23#	+ 4027'	Suff. to cement back to surface csg.
6 1/8"	4 1/2"	10.5#	+ 3827'-6282'	Suff. to cement back to 7" csg.

Plan to drill well as follows:

1. MURRT, drill 12 1/2" hole to +200'.
2. Set and cement 9 5/8" casing to + 200' & cement with suff. cement to circ. to surface.
3. Drill out with 8 3/4" bit to +4027 feet.
4. Run 7" casing and cement back to surface casing.
5. Drill out of 7" using gas as the circulating fluid, do not drill more than 10' below the 7" casing shoe until the hole has dried up completely and is dusting.
6. Drill the hole to T.D., log the hole dry as requested by drillsite geologist.
7. Run 4 1/2" liner to T.D., load hole with mud and cement liner back to top of 4 1/2". Set liner hanger and POH w/drill pipe.
8. This well will be completed through casing perforations and stimulated as necessary to establish commercial production.
9. Clean up area.
10. Approximately 11 days will be required to drill this well
11. The gas is dedicated 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 preventer program, if any.

24.

SIGNED

D. D. Myers

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Okal

TITLE Div Production Manager

DATE 7/30/76

AUG 9 1976

TITLE OIL DIST. COM.
DIST 3

DATE

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(PAGE 2) for RIDDLE 2 A

12. SURFACE FORMATION IS- SAN JOSE (Eocene)

13. FORMATION TOPS (Estimated)

Pictured Cliffs	3776	possible oil or gas producer
Cliff House	5392	possible oil or gas producer
Menefee	5586	possible oil or gas producer
Point Lookout	6012	possible oil or gas producer
Mancos Shale	6162	

14. Mud program : see point 7 of 7 point well control plan

15. No coring or drill stem tests will be taken

16. Logs to be taken= Density
Gamma Ray
Caliper and temperature logs
Deviation surveys will also be taken

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 RIDDLE		Well No. 2-A
Unit Letter J	Section 17	Township 30 NORTH	Range 9 WEST	County SAN JUAN	
Actual Footage Location of Well: 1450 feet from the SOUTH line and 1450 feet from the EAST line					
Ground Level Elev. 7072	Producing Formation Blanco Mesa Verde	Pool Blanco Mesa Verde	Dedicated Acreage: 5/320		Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 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 *Test J Drake*
 Position Production Clerk
 Company Tenneco Oil Co.
 Date July 29, 1976

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.

25 June, 1976
 Date Surveyed
James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor

AUG 9 1976
OIL CON. COM.
DIST. 3
1463
 Certificate No.

