

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

30-445-2663

**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  
 P. O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
 At surface: 2310' FNL, 580' FWL  
 At proposed prod. zone

**RECEIVED**  
OCT 29 1985

5. LEASE DESIGNATION AND SERIAL NO.  
 SF-077107C

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Storey C LS

9. WELL NO.  
 13 M

10. FIELD AND POOL, OR WILDCAT  
 Blanco MV/Basin DK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 E Sec. 33, T28N, R9W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
 10 miles SE Blanco, NM

**BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA**

12. COUNTY OR PARISH    15. STATE  
 San Juan                      NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)    580'

16. NO. OF ACRES IN LEASE  
 160 A

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 W337-35  
 W320 A W337-35

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

19. PROPOSED DEPTH  
 + 7565'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6855' GL DRILLING OPERATIONS AUTHORIZED ARE

22. APPROX. DATE WORK WILL START\*  
 ASAP

23. SUBJECT TO COMPLIANCE WITH ATTACHED PROPOSED CASING AND CEMENTING PROGRAM "GENERAL REQUIREMENTS".

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12 1/4"	9 5/8"	36.0 #	+ 280'	Circ. cmt. to surface
8 3/4"	7"	23.0 #	+ 5780'	Circ. cmt. to surface
6 1/4"	4 1/2"	10.50 & 11.60#	+ 7565'	Circ. cmt. to liner top

See attachments.

The gas is dedicated.

**RECEIVED**  
OCT 28 1985  
M.M. DIV.  
DIST. 3

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 [Signature] TITLE Senior Regulatory Analyst DATE \_\_\_\_\_

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**APPROVED  
AS AMENDED**  
NOV 14 1985  
(SGD.) MAT MILLENBACH  
M. MILLENBACH  
AREA MANAGER

USG 2112  
OK  
2/85

**NMOCC**

## 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 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 on-objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

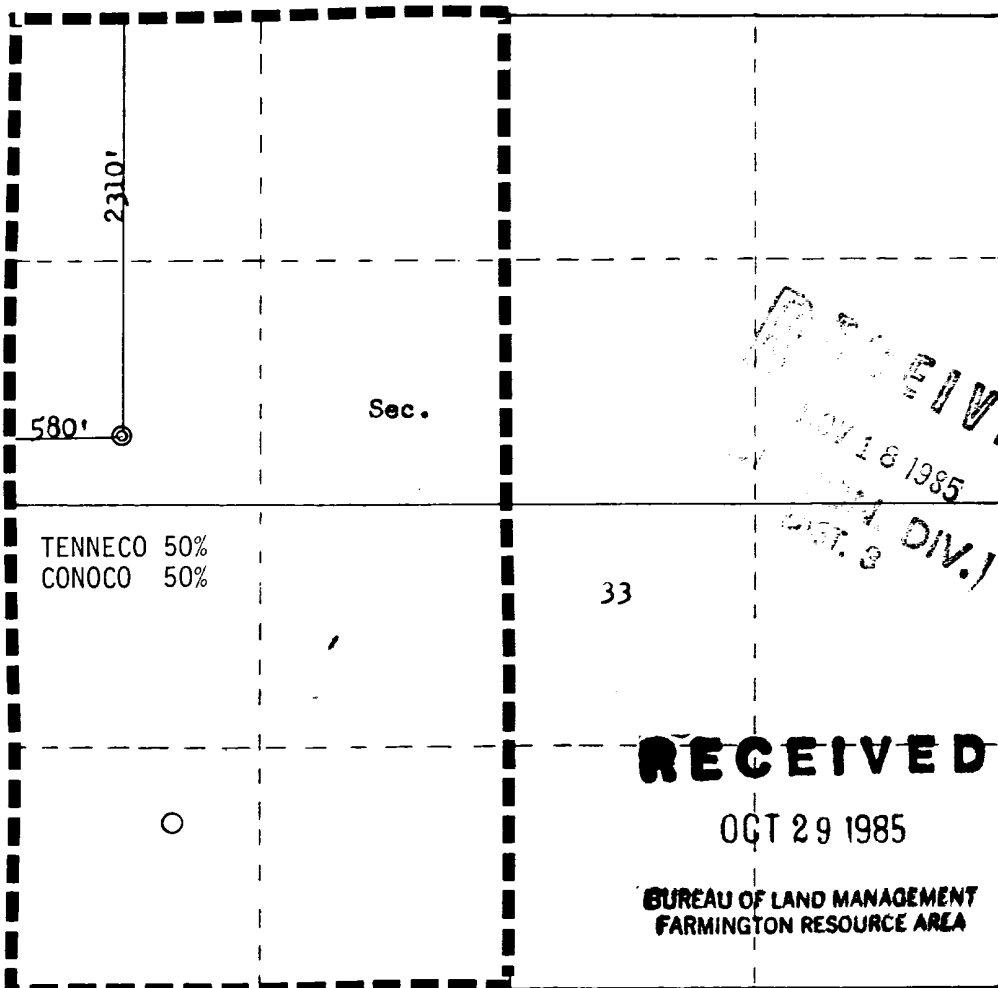
Operator <b>TENNECO OIL COMPANY</b>		Lease <b>STOREY "C" (LS)</b>		Well No. <b>13M</b>	
Unit Letter <b>E</b>	Section <b>33</b>	Township <b>28N</b>	Range <b>9W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>2310</b> feet from the <b>North</b> line and <b>580</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6855</b>	Producing Formation <b>Mesaverde/Dakota</b>		Pool <b>Blanco Mesaverde/Basin Dakota</b>		Dedicated Acreage: <b>320 A</b> <b>337.35/337.35 Acres</b>

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 \_\_\_\_\_

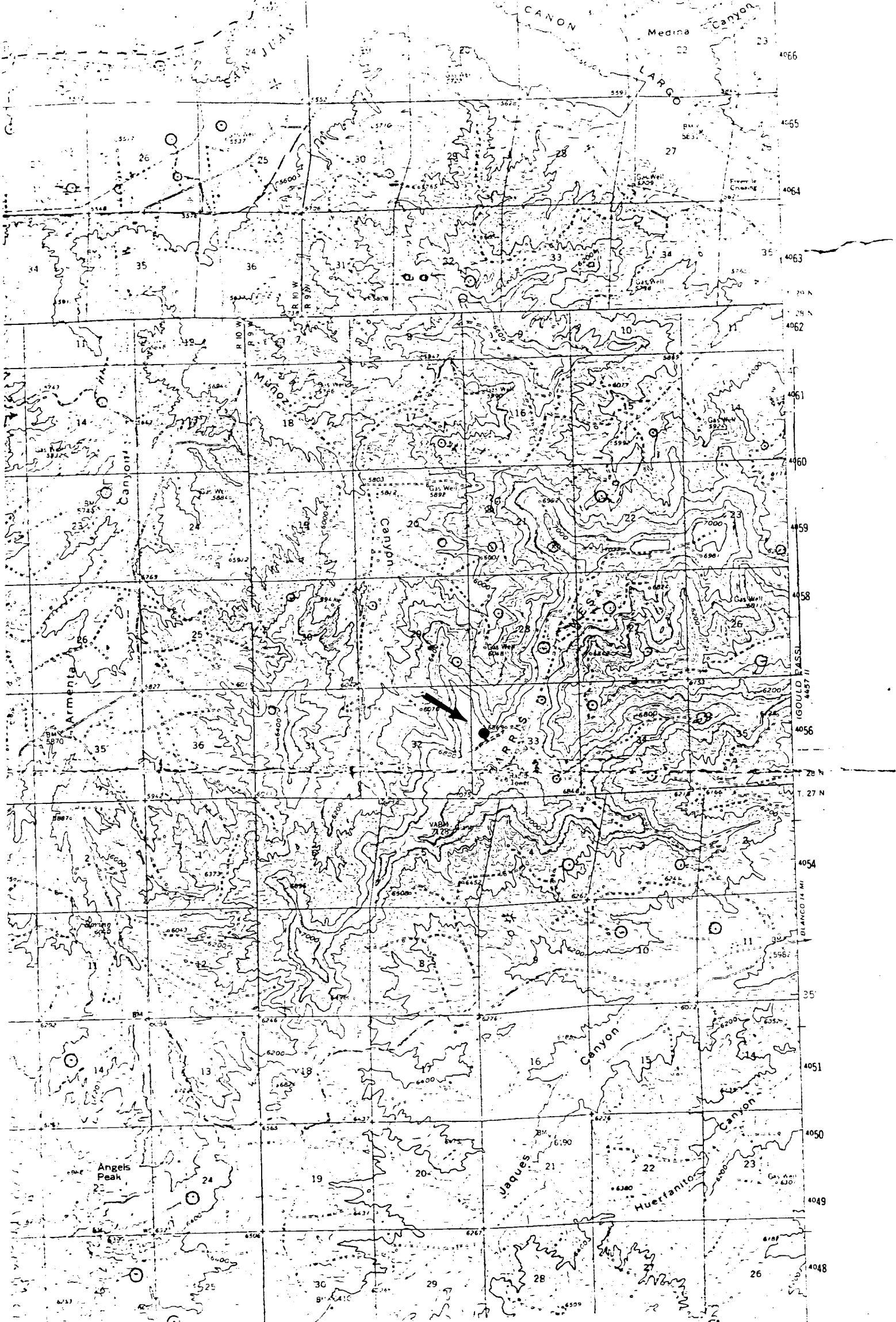
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

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.



Scale: 1"=1000'

<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Scott McKinney</i>	
Name	Scott McKinney
Position	Sr. Regulatory Analyst
Company	Tenneco Oil Co.
Date	July 23, 1985
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	June 11, 1985
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr Jr.</i>
Certificate No.	4200
	3950



Vicinity Map for  
TENNECO OIL COMPANY #13M STOREY "C" (1S)  
2310'FNL 580'FWL Sec. 33-T28N-R9W  
SAN JUAN COUNTY, NEW MEXICO

MAP#1