

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 ☐

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 applicable State requirements)

At surface

1565' FSL, 1025' FEL

At proposed prod. zone

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

18 miles SE Blanco, NM

15. DISTANCE FROM PROPOSED*

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

1025'

18. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

2552.22

19. PROPOSED DEPTH

+/- 5650' KB

17. NO. OF ACRES ASSIGNED

TO THIS WELL

E 320A

20. ROTARY OR CABLE TOOLS

Rotary

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

6963' GL

DRILLING OPERATIONS AUTHORIZED ARE

23.

SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-3/4"	9-5/8"	36.0#	+/- 280' KB	Circ cmt to surface
8-3/4"	7"	23.0#	+/- 3350' KB	Circ cmt to surface
6-1/4"	4-1/2"	10.50#	+/- 5650' KB	Circ cmt to liner top

See Attached Survey

See attachments

The gas is dedicated.

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

Scott McKinn

TITLE

Senior Regulatory Analyst

DATE

12/12/85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

JAN 03 1986

for J. Stan McKee
M. MILLENBACH
AREA MANAGER

NMOCC

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 TENNECO OIL COMPANY		Lease BOLACK "C" LS		Well No. 16A
Unit Letter I	Section 33	Township 27N	Range 8W	County San Juan
Actual Footage Location of Well: 1565 feet from the South line and 1025 feet from the East line				
Ground Level Elev: 6963	Producing Formation Mesa Verde	Pool Blanco Mesaverde	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

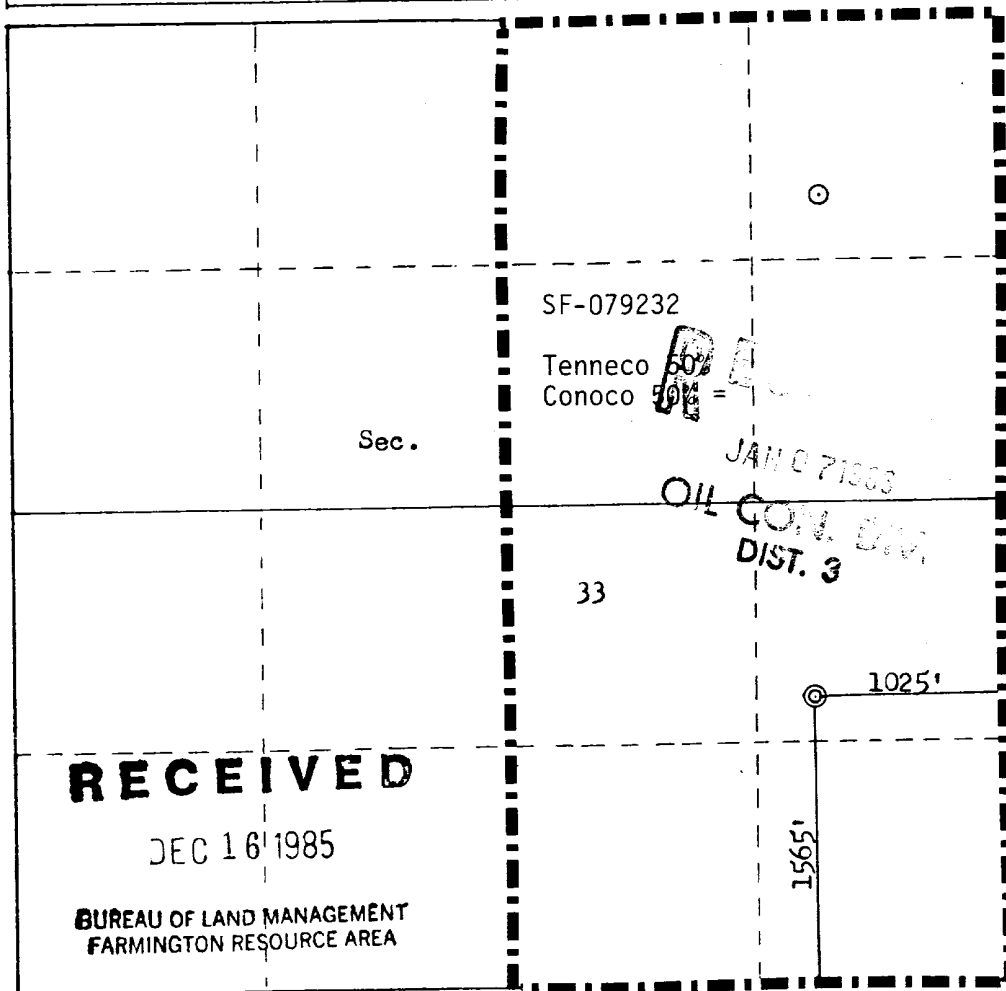
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 _____

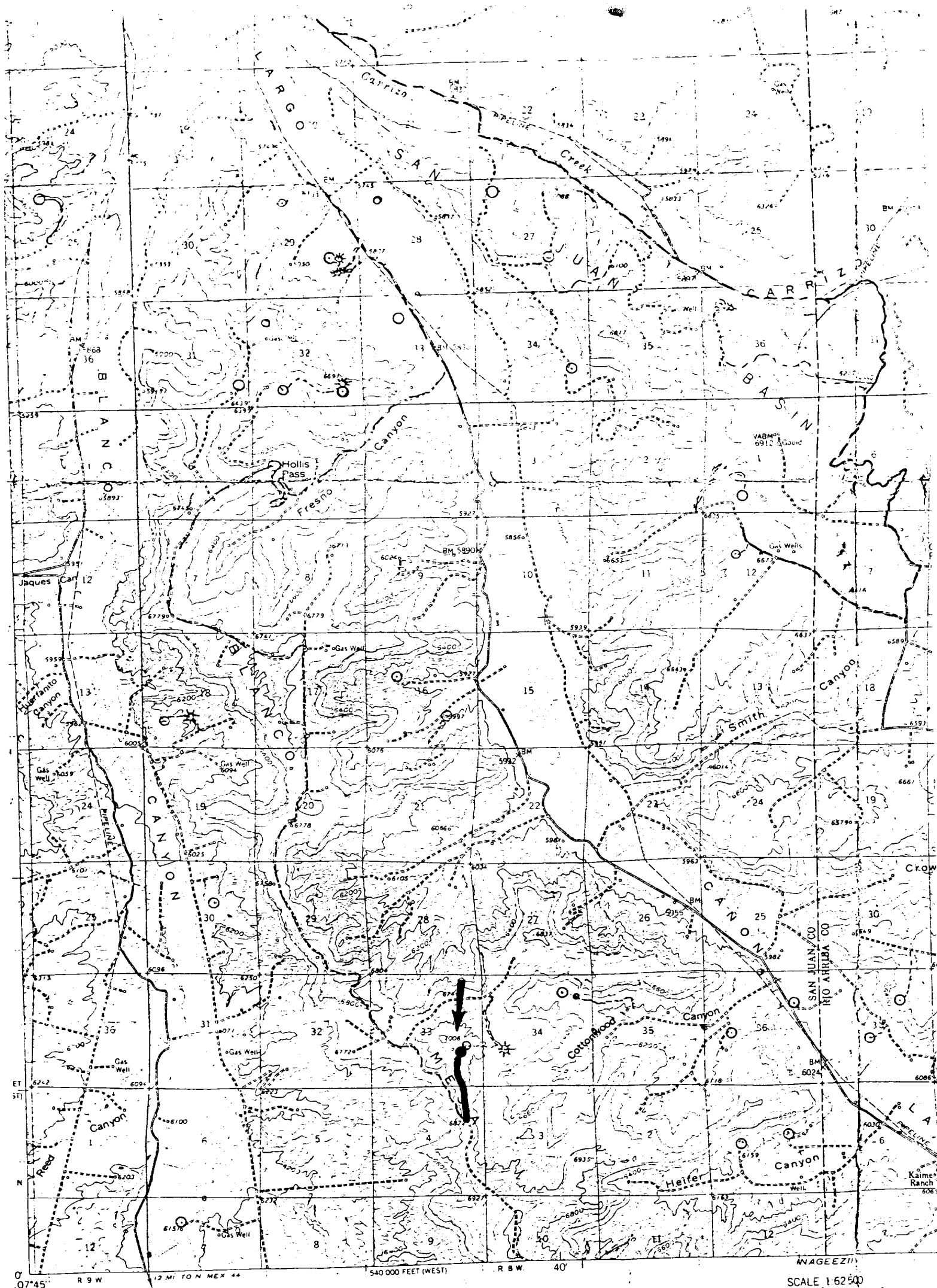
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	Scott McKinney
Position	Sr. Regulatory Analyst
Company	Tenneco Oil Co.
Date	December 12, 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	October 2, 1985
Registered Professional Engineer and Land Surveyor	Fred B. Kerr Jr.
Certificate No.	3950



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric
photographs taken 1955. Field c

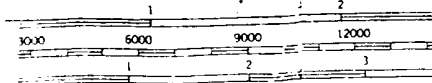
Polyconic projection. 1927 North
10 000 foot grid based on New Me
west and central zones.
1000 meter Universal Transverse
zone 13 shown in blue

Vicinity Map for
TENNECO OIL COMPANY #16A BOLACK "C" IS
1565'FSL 1025'FEL Sec. 33-T27N-R8W
SAN JUAN COUNTY, NEW MEXICO

MAP#1

APPROXIMATE MEAN
ELEVATION 1000

SCALE 1:62500



CONTOUR INTERVAL 10 FEET
DATUM: MEAN SEA LEVEL

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER 21, COLORADO OR
A. C. L. E. R. I. B. I. N. G. T. O. P. O. G. R. A. P. H. I. C. M. A. P. S. A. N. D. T. A. B. L. E. S. A. V. A. I. L. A. B. L. E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Tenneco Oil Company

JAN 02 1986

3. ADDRESS OF OPERATOR
P. O. Box 3249, Englewood, CO 80155 BUREAU OF LAND MANAGEMENT

4. LOCATION OF WELL (Report location clearly and in accordance with any special requirements.
See also space 17 below.)
At surface

1565' FSL, 1025' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, ST, GR, etc.)

6963' GL

5. LEASE DESIGNATION AND SERIAL NO.

SF-079232

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Bolack C LS

9. WELL NO.

16A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec. 33, T27N R8W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANE

(Other)

Cementing volumes

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please find cement information requested for the referenced APD:

Hole	Pipe	Sacks	Feet3	Yield	TOC
12-1/4"	9-5/8"	200	236	1.18	surface
8-3/4"	7"	490	902	1.84	Surface
	(Tail)	100	118	1.18	
6-1/4"	4-1/2"	155	285	1.84	Top of liner
	(Tail)	150	177	1.18	

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Senior Regulatory Analyst

DATE

12/27/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

JAN 03 1986

/s/ J. Stan McKee

M. MILLENBACH
AREA MANAGER

*See Instructions on Reverse Side

NMOCG

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.