

Release Date 7-23-67

CONFIDENTIAL

P-W

TENNECO OIL #1 FEDERAL 369  
NW NW 15-10N-19E Navajo County

sl

COUNTY Navajo AREA Mogollon Rim LEASE NO. AR 035869

WELL NAME Tenneco Oil #1 Federal

LOCATION NW NW SEC 15 TWP 10N RANGE 19E FOOTAGE 500 FNL 500 FWL  
ELEV 6980 GR 6991 KB SPUD DATE 1-14-67 STATUS 1-23-67 TOTAL DEPTH 1840'  
COMP. DATE

CONTRACTOR

CASING SIZE 13 3/8 DEPTH 69' CEMENT 150 SKS LINER SIZE & DEPTH NA  
DRILLED BY ROTARY x  
DRILLED BY CABLE TOOL \_\_\_\_\_  
PRODUCTIVE RESERVOIR \_\_\_\_\_  
INITIAL PRODUCTION Dry

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Tertiary	Surface		x	Am Strat differs
Cretaceous	122'			
Coconino	542'			
Supai	932'			
Evaporites	1088'			
Apache	1604'			
Butte Member	1790'			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
Dual Induc; Laterlog; Sidewall			Am Strat
Neutron Porosity; Comp. Form.			Farm Cut
Density; Lithology			SAMPLE NO. <u>1390*</u>
			CORE ANALYSIS _____
			DSTs _____
			*Tucson 2060

REMARKS \_\_\_\_\_ APP. TO PLUG x  
PLUGGING REP. x  
COMP. REPORT x

WATER WELL ~~ACCEPTED BY~~ SEE CORRESPONDENCE

BOND CO. U. S. Fidelity & Guaranty Co. BOND NO. 68214-13-1361-66  
BOND AMT. \$ 25,000 CANCELLED 1-29-68 DATE 10-20-66  
FILING RECEIPT 9465 LOC. PLAT x WELL BOOK x PLAT BOOK x  
API NO. \_\_\_\_\_ DATE ISSUED 10-21-66 DEDICATION W/2 NW/4

PERMIT NUMBER 369

(over)

CONFIDENTIAL

Released-7-23-67

**WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG**

DESIGNATE TYPE OF COMPLETION:

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

Operator <b>Tenneco Oil Company</b>		Address <b>Box 1714, Durango, Colorado</b>		
Lease Name <b>Federal #1</b>		Well Number <b>1</b>	Field & Reservoir <b>Wildcat (Pinedale Area)</b>	
Location <b>500' FNL 500' FWL</b>				
Sec.--TWP-Range or Block & Survey <b>Sec. 15-T10N-R19E</b>				
County <b>Navajo</b>	Permit number <b>369</b>	Date Issued <b>---</b>	Previous permit number <b>None</b>	Date Issued <b>None</b>
Date spudded <b>1-14-67</b>	Date total depth reached <b>1840'</b>	Date completed, ready to produce <b>P.&amp;A. 1-23-67</b>	Elevation (DF, RKB, RT or Gr.) <b>6980 GR</b> feet	Elevation of casing hd. flange <b>6980</b> feet
Total depth <b>1840'</b>	P.B.T.D. <b>P.&amp;A. 1-23-67</b>	Single, dual or triple completion? <b>Dry Hole</b>	If this is a dual or triple completion, furnish separate report for each completion. <b>Dry Hole</b>	
Producing interval (s) for this completion <b>Dry Hole</b>		Rotary tools used (interval) <b>0-1840'</b>	Cable tools used (interval) <b>0</b>	
Was this well directionally drilled? <b>No</b>	Was directional survey made? <b>Yes</b>	Was copy of directional survey filed? <b>No</b>	Date filed <b>Dry Hole</b>	
Type of electrical or other logs run (check logs filed with the commission) <b>Dual Induction-Laterolog, Compensated Formation Density, Sidewall Neutron Porosity</b>				Date filed

CASING RECORD

Casing (report all strings set in well--conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	12-1/4" (Reamed)	13-3/8"	48#	69'	150'	None

TUBING RECORD				LINER RECORD			
Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
	None			None			

PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD	
Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
None - Dry Hole			None - Dry Hole	

INITIAL PRODUCTION

Date of first production <b>Dry Hole</b>	Producing method (Indicate if flowing, gas lift or pumping--if pumping, show size & type of pump:) <b>Dry Hole</b>
---	---

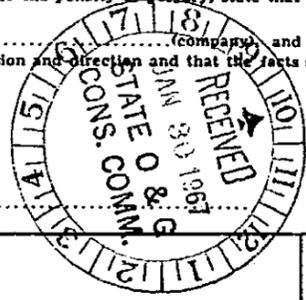
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity * API (Corr)
Tubing pressure	Casing pressure	Cal'ated rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Senior Production Clerk of the Tenneco Oil Company and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date January 27, 1967

Signature Harold C. Nichols



**CONFIDENTIAL** - Please hold information until released.

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION  
Well Completion or Recompletion Report and Well Log  
Form No. P-7 File two copies

3

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Cretaceous	122'	542'	Sandstone - shale - probably fresh water, although not tested
Perm. Coconino	542'	932'	Sandstone - fresh water
Perm. Supai Ft. Apache Member	1604'	1790'	Limestone - dolomite - shale - not tested but probably contains fairly saline water
Tertiary	0'		
Cretaceous	122'		
Perm. Coconino	542'		
Perm.:			
Supai Corduroy Member	932'		
Supai Corduroy Evaporites Member	1088'		
Supai Ft. Apache Member	1604'		
Supai Big A			
Butte Member	1790'		
T.D.	1840'		

\* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. P-7

Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN ( )PLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42 R1424.  
5. LEASE DENOMINATION AND SERIAL NO.

AR 035869

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.)

1. OIL WELL  GAS WELL  OTHER  Wildcat

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
P. O. Box 1714 - Durango, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
500' FNL, 500' FWL

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

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

Sec. 15, T-10-N, R-19-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

6980

12. COUNTY OR PARISH

13. STATE

Navajo

Arizona

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

FULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

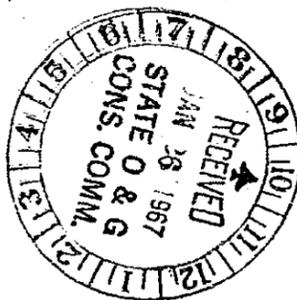
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)\*

P & A as follows: Set plugs 1550-1750, 100 sacks; 900-1100, 100 sacks.

Note: Well cased with welded plate in order to leave well for use as a water well.  
Dry hole marker will be installed.

U.S.G.S. Office in Farmington notified and plugged according to their instructions.  
P & A 1-23-67. Rig Released.



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

SIGNED *Harold C. Nichols*  
Harold C. Nichols

TITLE Senior Production Clerk

DATE 1-25-67

(This space for Federal or State office use)  
APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Distribution:  
3 - U.S.G.S. Farmington  
2 - Arizona O.G.C.C.  
1 - File

\*See Instructions on Reverse Side

#369

Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.  
AR 035869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 15, T-10-N, R-19-E

12. COUNTY OR PARISH  
Navajo

13. STATE  
Arizona

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.)

1. OIL WELL  GAS WELL  OTHER  Wildcat

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
P. O. Box 1714, Durango, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
500' FNL, 500' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6980'

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

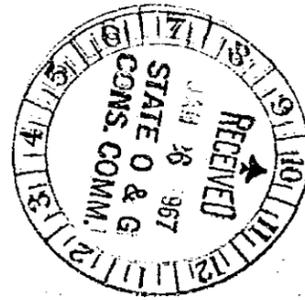
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)\*

We plan to P & A as follows: Set plugs 1550-1750, 100 sacks; 900-1100, 100 sacks.

Note: Well cased with welded plate in order to leave well for use as a water well. Dry hole marker will be installed.

U.S.G.S. office in Farmington notified and plugged according to their instructions. P & A 1-23-67. Rig released.



18. I hereby certify that the foregoing is true and correct.  
SIGNED Harold C. Nichols TITLE Senior Production Clerk DATE 1-25-67  
Harold C. Nichols  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

Distribution:  
3 - U.S.G.S. Farmington  
2 - Arizona O.G.C.C.  
1 - File  
#369  
\*See Instructions on Reverse Side

Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

AR-035869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat-Pinedale Area

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

Sec. 15-T10N-R19E

12. COUNTY OR PARISH 13. STATE

Navajo

Arizona

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.)

1. OIL WELL  GAS WELL  OTHER Wildcat

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
Box 1714, Durango, Colorado

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

500' FNL 500' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether FT, ST, OR, etc.)

6980' GR

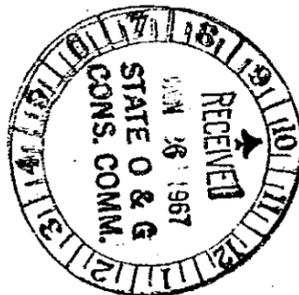
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(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.)\*

Spud 1-14-67. Drill to 69'. Ran 13-3/8" 48# casing set at 69' w/ 150 sx. cement. Cement circulated. W.O.C. Drilled to T.D. 1840' on 1-23-67. Logged. Now planning to plug and abandon 1-23-67.



18. I hereby certify that the foregoing is true and correct.  
SIGNED Harold C. Nichols TITLE Senior Production Clerk DATE January 25, 1967

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:  
3-USGS-Farmington, N.M.  
2-Arizona O.&G.C.C., Phoenix, Ariz.  
1-File \*See Instructions on Reverse Side

CONFIDENTIAL

# 369

HEIDMAN WRITERS  
(Young Dalg Co.)

by telephone 1-24-67

TD 1870 in H. Apache  
P<sub>2</sub> A (date?)

#

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER**

APPLICATION TO DRILL  DEEPEN  PLUG BACK  RE-ENTER OLD WELL

NAME OF COMPANY OR OPERATOR

DATE October 17, 1966

Tenneco Oil Company

Address

City

State

P. O. Box 1714

Durango

Colorado 81301

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number or name of lessor, if fee lease

Well number

Elevation (ground)

Federal

1

6980' GR

Well location and acreage dedicated to the well (give footage from section lines)

Section—township—range or block & survey

500' FNL, 500' FWL, Section 15, T-10-N, R-19-E

Field & reservoir (if wildcat, so state)

County

Wildcat

Navajo County, Arizona

Distance, in miles, and direction from nearest town or post office

Nearest distance from proposed location to property or lease line:

500

feet

Distance from proposed location to nearest drilling completed or applied—for well on the same lease:

None - Wildcat

feet

Proposed depth:

1400

Rotary or cable tools

Rotary

Approx. date work will start

October 20, 1966

Number of acres in lease:

2484.94

Number of wells on lease, including this well, completed in or drilling to this reservoir:

None - Wildcat

If lease, purchased with one or more wells drilled, from whom purchased:

Name

Address

Status and amount of bond

In Force

Organization Report

On file

Or attached

Filing Fee of \$25.00

Attached

Yes

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone)

We plan to drill to approximate T.D. of 1400 ft. Log, perforate and frac and complete as an oil well if productive. Run casing as shown on reverse side. Install lift equipment and conduct potential tests.

Logs: GRD, GRN, GR Induction Laterlog.



\*Fill in Proposed Casing Program on reverse side

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the.....Senior Production Clerk.....of the  
Tenneco Oil Company.....(company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

Harold C. Nichols

Date

October 17, 1966

Permit Number:

369

Approval Date:

Approved By:

John J. Sannister

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.  
See Instruction on Reverse Side of Form

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Application to Drill, Deepen or Plug Back and Plat  
File Two Copies

Form No. 3

- Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
- A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
- All distances shown on the plat must be from the outer boundaries of the Section.
- Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES  NO
- If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES  NO  If answer is "yes," Type of Consolidation \_\_\_\_\_
- If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description
SEE ATTACHED PLAT	
<p><b>CERTIFICATION</b></p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p>	
Name	
Position	
Company	
Date	
<p>I hereby certify that the well location shown on the 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.</p>	
Date Surveyed	
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

**PROPOSED CASING PROGRAM**

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
8-5/8	24#	J-55	0	550	550	Cement to surface
4-1/2	10.5#	J-55	0	1400	1400	Cement with sufficient volume to bring top of cement 200' above upper most productive zone.



## PERMIT TO DRILL

This constitutes the permission and authority from the  
OIL AND GAS CONSERVATION COMMISSION,  
STATE OF ARIZONA,

To: TENNECO OIL COMPANY  
(OPERATOR)

to drill a well to be known as

TENNECO OIL #1 Federal  
(WELL NAME)

located 500' FNL and FWL (NW/4 NW/4)

Section 15 Township 10N Range 19E, Navajo County, Arizona.

The W/2 NW/4 of said  
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled  
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 21st day of October, 19 66

OIL AND GAS CONSERVATION COMMISSION

By John Bennister  
EXECUTIVE SECRETARY

PERMIT N<sup>o</sup> 369

RECEIPT NO. 9465

State of Arizona  
Oil & Gas Conservation Commission  
Permit to Drill

FORM NO. 27

COMPANY TENNECO OIL COMPANY

Well Name & No. FEDERAL No. 1

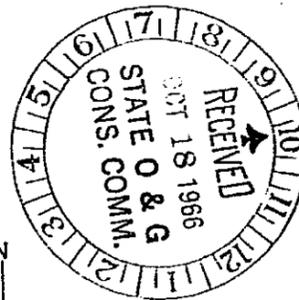
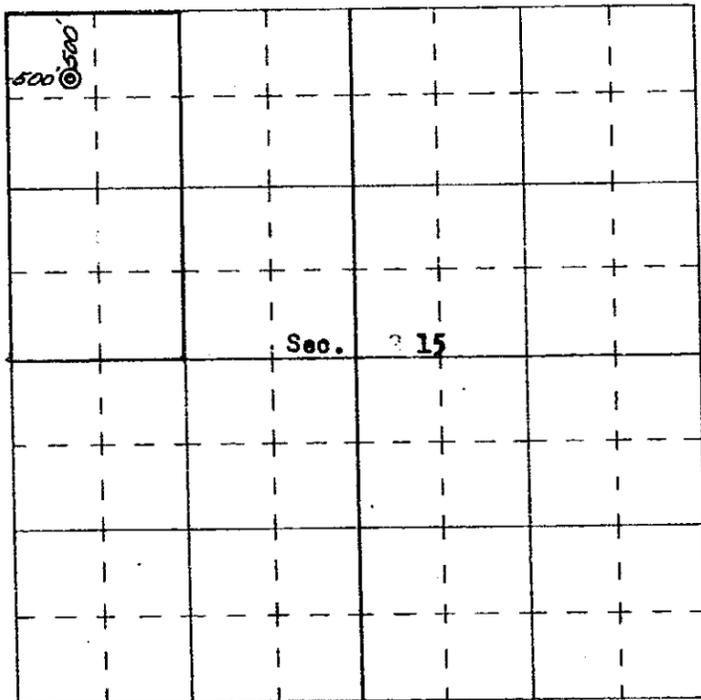
Lease No. \_\_\_\_\_

Location 500' FROM THE NORTH LINE & 500' FROM THE WEST LINE

Being in NW NW

Sec. 15, T 10N., R 19 E, G & S R M, Navajo County, Arizona

Ground Elevation 6980' ungraded



Scale -- 4 inches equals 1 mile

Surveyed 11 October, 19 66

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

Ernst Engineering Co.  
Durango, Colorado



*Robert H. Ernst*  
Registered Professional  
Engineer and Land Surveyor.  
Robert H. Ernst  
Colo. PE & LS 4979  
N. Mex. PE & LS 2463



Operator TENNECO OIL COMPANY

Bond Company U.S. Fidelity & Guaranty Co. Amount \$25,000

Bond No. 68214-13-1361-66 Date Approved 10-21-66

Permits covered by this bond:

- 368 *SEE this file*
- 369
- 370
- 371
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**CANCELLED**

DATE 1-29-68

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

369



UNITED STATES FIDELITY AND GUARANTY COMPANY  
 3401 FANNIN STREET, P. O. BOX 8426  
 HOUSTON, TEXAS 77004  
 TELEPHONE: 713/JACKSON 6-1551  
 ELWOOD W. PIERCE  
 MANAGER

JOHN F. ROUGAGNAC  
 ASSISTANT MANAGER

January 25, 1968

JOSEPH S. KNIGHT  
 SUPERINTENDENT - CLAIMS

Oil & Gas Conservation  
 Commission  
 State of Arizona  
 Phoenix, Arizona

NOTICE OF CANCELLATION

RE: 68214-13-1361-66 - Tenneco Oil Company

Whereas on or about the 20 day of October, 1966 United States  
 Fidelity and Guaranty Company, as Surety, executed Blanket Oil  
 Well Bond in the penalty of \$25,000.00  
 on behalf of Tenneco Oil Company  
 in favor of State of Arizona

Bond No. 68214-13-1361-66, and:

Whereas it is our desire to cancel said bond in accordance with the  
 terms thereof.

Signed, sealed this 25 day of January, 19.68.

UNITED STATES FIDELITY AND GUARANTY COMPANY

BY:

*Alfreda Mills*  
 Attorney-in-Fact  
 ACKNOWLEDGMENT

United States Fidelity and Guaranty Company  
 Houston, Texas

Your Notice of Cancellation as set forth above received. We have  
 arranged to cancel said bond effective:

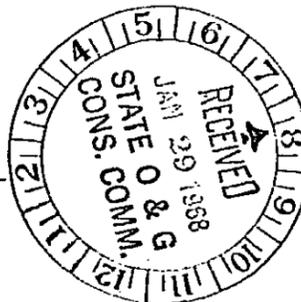
Date: 1-29-68

PLEASE COMPLETE THE ACKNOWLEDGMENT AND RETURN ONE COPY TO US.

cc: Ms. Virginia Hilley  
 George Bruce & Co.  
 Houston, Texas

Executive Secretary  
 OIL & GAS CONSERVATION COMMISSION  
 STATE OF ARIZONA  
 1624 WEST ADAMS - SUITE 202  
 TELEPHONE: 271-5161  
 PHOENIX, ARIZONA, 85007

U. S. F. & G.



369

UNITED STATES DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

SITGREAVES NATIONAL FOREST

203 WEST HOPI DRIVE  
HOLBROOK, ARIZONA

IN REPLY REFER TO  
2820  
2240

May 4, 1967

Oil and Gas Conservation Commission  
State of Arizona  
1624 West Adams, Room 202  
Phoenix, Arizona 85007

Dear Sirs:

In February Tenneco Oil Company representative H. Nichols presented the Pinedale District Ranger with three copies of your Form 26, Water Well Acceptance, for Forest Service execution as a procedural requirement for the Forest Service to take over the well known as Tenneco Oil # 1 Federal, which was drilled on Oil and Gas Lease Serial No. AR-035869.

The lessee, Tenneco Oil Company, has agreed to plug the hole below the water strata and to weld a metal cap cover over the casing which he is required to leave in place under the conditions of the lease of National Forest lands. The water will be used for National Forest purposes, and accordingly, the Arizona Oil and Gas Commission Form 26 is inapplicable to this well.

The copies of Form 26 which we were to execute are being returned as attachment to this letter.

When Tenneco Oil Company has completed site restoration of the drill site, we shall terminate the special use permit after which time the well becomes the property of the United States Government.

Sincerely yours,

FRED J. WIRTH  
Forest Supervisor

By *Cris G. Johnson*



Enclosure



369

TO: Oil and Gas Conservation Commission  
State of Arizona  
1624 West Adams, Room 202  
Phoenix, Arizona 85007

This is to advise you that I accept the abandoned wildcat well, known as the Tenneco Oil #1 Federal

located on the NW/4 NW/4 1/4-1/4 of Section 15 Township 10N Range 19E, County of Navajo, Arizona, as a water well to be used for domestic purposes.

Further, I accept full responsibility for the proper maintenance and use of the above well, including final plugging, in full compliance with the Rules and Regulations adopted by the Oil and Gas Conservation Commission.

I understand that I am responsible for compliance with the provisions of the State Water Code, Chapter 1, Title 45, Arizona Revised Statutes and with any applicable requirements of U.S. Geological Survey.

Signature \_\_\_\_\_  
Street \_\_\_\_\_  
City and State \_\_\_\_\_

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

On this, the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me, \_\_\_\_\_, the undersigned officer, personally appeared \_\_\_\_\_, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument and acknowledged that \_\_\_\_\_ executed the same for the purpose therein contained.

In witness whereof I hereunto set my hand and official seal.

Notary Public \_\_\_\_\_  
My Commission expires \_\_\_\_\_

Permit No. 369

State of Arizona  
Oil & Gas Conservation Commission  
WATER WELL ACCEPTANCE  
Form 26 - File one copy

March 23, 1967

Tenneco Oil Company  
P.O. Box 1714  
Durango, Colorado 81302

Attention: Mr. Robert E. Siverson, District Production Supt.

Gentlemen:

In order to complete our files on the wells recently drilled by you in Arizona in compliance with this Commission's Rules and Regulations, we are showing below the information yet to be submitted.

Tenneco #1X Ft. Apache 56  
NE SE 31-10-21E, Navajo County Arizona  
Permit 368

Logs: GRN and GRD

Tenneco #1 Federal C  
NW NW 15-10N-19E, Navajo County, Arizona  
Permit 369

Water well forms

Tenneco #1 Federal B  
SW NE 4-10N-24E, Apache County, Arizona  
Permit 370

Logs: GRN and GRD

Tenneco #1 Merrill Fee  
SW SW 26-10N-30E, Apache County, Arizona  
Permit 371

Water well forms

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Tenneco Oil Company  
March 23, 1967  
Page 2

Tenneco #1 Federal A  
SE SE 18-12N-17E, Navajo County, Arizona  
Permit 374

Well Completion Report, on this Commission's form  
Logs: Dual Induction, GRD

Tenneco Federal C  
SE NW 22-11N-29E, Apache County  
Permit 375

Logs: Dual Induction, Sidewall Neutron Porosity, Compensated  
Formation Density

In addition, we also remind you that samples from all the wells must be furnished. As previously advised, these can be delivered to Four Corners Sample Cut, Farmington, New Mexico, or to this office.

If you have any questions, or if this office may be of help to you in any way we may, please let us know. Your cooperation is very much appreciated.

Very truly yours,

John Bannister  
Executive Secretary

nr

enc: Form 4, Well Completion Report  
Form 26, Water Well Acceptance

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January 17, 1967

Tenneco Oil Company  
P.O. Box 1714  
Durango, Colorado 81302

Attention: Mr. Robert E. Siverson  
District Production Superintendent

Re: Tenneco Oil #1 Merrill Fee  
SW SW 26-10N-30E, Apache County, Arizona  
Permit 371

Gentlemen:

Your letter of January 13, 1967 stated that because of un-anticipated drilling problems you were unable to commence drilling captioned location as scheduled.

This letter then extends captioned permit until March 21, 1967.

When operations are commenced on this location, we must of course be notified.

In addition, you stated you plan to start operations on your #1 Federal, NW NW 15-10N-19E, Navajo County, Arizona, sometime during this week. You must of course notify this office when operations are begun and keep us currently informed thereafter.

Your cooperation is very much appreciated.

Very truly yours,

John Bannister  
Executive Secretary  
mr

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January 5, 1967

Tenneco Oil Company  
P.O. Box 1714  
Durango, Colorado 81301

Attention: Mr. J.H. Watkins, District Office Supervisor

Re: Tenneco Oil #1 Federal  
NW NW 15-10N-19E, Navajo County, Arizona  
Permit 369

Tenneco Oil #1 Merrill Fee  
SW SW 26-10N-30E, Apache County, Arizona  
Permit 371

Gentlemen:

Captioned permits were issued October 21, 1966. Our Rule 100 provides that unless operations are commenced with 90 days after date of approval, the permit to drill becomes null and void, unless an extension in writing is granted by the Commission.

Should you desire an extension of time on these permits, a written request, indicating the reason for delay and anticipated commencement date, should be submitted to this Commission.

If you have any questions, or if we may be of help to you in any way, please contact us.

Very truly yours,

John Bannister  
Executive Secretary  
mr

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October 21, 1966

Tenneco Oil Company  
P.O. Box 1714  
Durango, Colorado 81301

Attention: Mr. J.H. Watkins, District Office Supervisor

Re: Tenneco Oil #1 Fort Apache 56  
NE SE 31-10N-21E, Navajo County, Arizona  
Permit 368

Tenneco Oil #1 Federal  
NWNW 15-10-19E, Navajo County, Arizona  
Permit 369

Tenneco Oil #1 Rhoda State  
SW SW 2-10N-24E, Apache County, Arizona  
Permit 370

Tenneco Oil #1 Merrill Fee  
SW SW 26-10N-30E, Apache County, Arizona  
Permit 371

Gentlemen:

Enclosed are approved copies of Applications to Drill, Permits to Drill, and Receipt 9465 for the filing fees.

If this office may assist you in any way, please let us know.

Very truly yours,

John Bannister  
Executive Secretary  
mk  
enc

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TENNECO OIL COMPANY • P. O. BOX 1714 • 835 SECOND AVENUE • DURANGO, COLORADO 81302

October 20, 1966

Oil and Gas Conservation Commission  
State of Arizona  
Suite 202  
1624 West Adams Street  
Phoenix, Arizona 85007

Attention: John Banister

Gentlemen:

In line with our conversation this date, this letter is to confirm that we desire to keep all information confidential on the below listed wells:

Rhode State No. 1  
Section 2, T-10-N, R-24-E

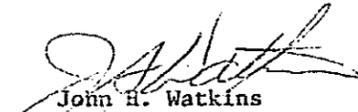
Merrill No. 1  
Section 26, T-10-N, R-30-E

Federal No. 1  
Section 15, T-10-N, R-19-E

Fort Apache Tract 56 No. 1  
Section 31, T-10-N, R-21-E

Very truly yours,

TENNECO OIL COMPANY

  
John H. Watkins  
District Office Supervisor

JHW:hes

CC: D. B. Brown

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October 13, 1966

Tenneco Oil Company  
P.O. Box 1714  
Durango, Colorado 81301

Attention: Mr. Harold C. Nichols, Senior Production Clerk

Re: Tenneco Oil #1 Rhode State 8823  
370 SW NW 2-10N-24E, Apache County, Arizona

Tenneco Oil #1 Merrill Fee OK  
371 SW SW 26-10N-30E, Apache County, Arizona

Tenneco Oil #1 Federal OK-D35869  
369 NW NW 15-10N-19E, Navajo County, Arizona

Tenneco Oil #1 Fort Apache 56 1A-20-D450-5974  
368 NE SE 31-10N-21E, Navajo County, Arizona

Gentlemen:

This will acknowledge receipt of your applications for permits to drill the four captioned wells.

Please be advised that before we may issue the permits to drill these wells we must have furnished to this Commission a bond in the amount of \$5,000 for each well, or in lieu thereof, a \$25,000 state-wide blanket bond. We would refer you to our Rule 101 as to our bonding requirements..

Would you also please furnish this office with an up-to-date Organization Report. Copies of this form are attached.

Would you please also furnish to this Commission the Federal, State, and Indian lease numbers upon which you are drilling these wells. We are assuming that your #1 Merrill is a fee lease held by Tenneco.

Would you also advise the name of your drilling contractor.

*Young & Sons - Farmington*

*Tight  
per Watkins  
(303) 247-5494  
follow in 10-11-66*

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Tenneco Oil Company  
October 18, 1966  
Page 2

We will proceed with the processing of these applications, but as aforesaid, permits cannot be issued until the above requirements are met.

Please be assured of our cooperation and best wishes.

Very truly yours,

John Bannister  
Executive Secretary  
nr  
enc