

**FILE NOTATIONS**

Entered in NID File .....  
Location Map Pinned .....  
Card Indexed .....

Checked by Chief *U.S.*  
Approval Letter *8-25-69*  
Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed *12-27-69*  
W..... WW..... TA.....  
GW..... OS..... PA.....

Location Inspected .....  
Bond released  
State or Fee Land .....

**LOGS FILED**

Driller's Log.....  
Electric Logs (No.) *2*.....  
E..... I..... Dual I Lat..... GR-N..... Micro.....  
WIC Sonic GR..... Lat..... Mi-L..... Sonic.....  
CBLog..... CCLog..... Others.....

*Minerals Account (2)*  
*Indiana Neutral Priority*  
*Produced Logging*  
*Operating Dept Central*

*CDW 9-10-70*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.  
Utah 022606

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
John's Valley

9. WELL NO.  
/

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 35, T-35-S R-2-W

12. COUNTY OR PARISH  
Garfield

13. STATE  
Utah

1a. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER Wildcat SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
Suite 1200 Lincoln Tower Bldg. Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 2050' FWL 2050' FNL  
At proposed prod. zone

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE 1120	17. NO. OF ACRES ASSIGNED TO THIS WELL 80
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 9150'	20. ROTARY OR CABLE TOOLS Potary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 8110 G.R.	22. APPROX. DATE WORK WILL START* Upon Approval	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	9-5/8" ✓	36# ✓	2900' ✓	*See Below
-----	2-1/16 Tbg.	3.25#	2900'	Parasite String for air Drlg.
8-3/4"	7"	23 & 26#	9150'	Sufficient cmt to fill approx. 500' above pay.

Well to be drilled to approx. 9150'. If production is indicated, casing will be set. Well will be perforated and treated as necessary to establish commercial production. If condition indicate a possible string of 5-1/2 17# & 15.5# casing will be run instead of 7" with the same cementing procedure.

\*Sufficient cement from T.D. to 1600' and cement 100' to surface.

Note: Double ram hydraulic blowout preventer will be used (Tested 1500 psi) and a rotating head.

43-017-30022

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 S. A. Ford TITLE Sr. Production Clerk DATE 8/20/69

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

3110

COMPANY TENNECO OIL COMPANY

Well Name & No. JOHNS VALLEY

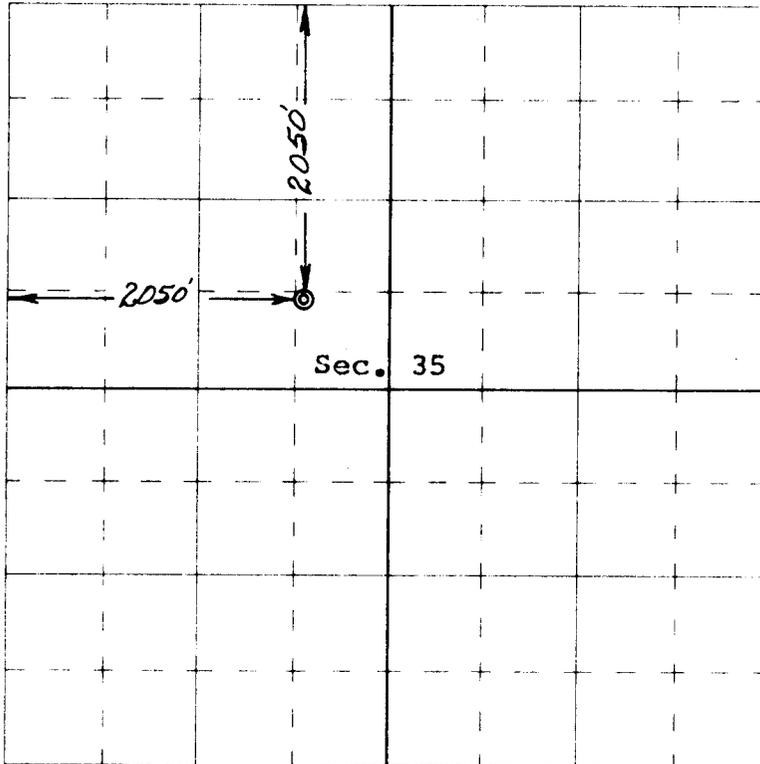
Lease No. \_\_\_\_\_

Location 2050 FEET FROM THE NORTH & 2050 FEET FROM THE WEST LINE

Being in SE NW

Sec. 35, T35S, R2 West, S.L.M., Garfield County, Utah

Ground Elevation 8110' ungraded

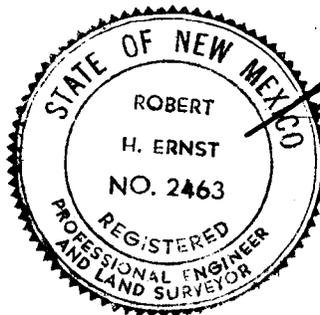


Scale -- 4 inches equals 1 mile

Surveyed 12 August, 19 69

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:



*Robert H. Ernst*

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

**ERNST ENGINEERING CO.**  
 Durango, Colorado

August 25, 1969

Tenneco Oil Company  
Suite 1200  
Lincoln Tower Building  
Denver, Colorado 80203

Re: Well No's: John's Valley #1  
Sec. 35, T. 35 S, R. 2 W,  
Garfield County, Utah,  
Upper Valley South #1  
Sec. 16, T. 38 S, R. 2 E,  
Kane County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned wells is hereby granted.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer  
HOME: 277-2890 - Salt Lake City  
OFFICE: 328-5771

This approval terminates within 90 days if the wells have not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your co-operation with respect to completing this form will be greatly appreciated.

The API numbers of these wells are: John's Valley #1 - 43-017-30022  
Upper Valley South #1 - 43-025-30005  
(see Bulletin D-12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FREIGHT  
DIRECTOR

CBF:sd  
Enclosures

cc: Division of State Lands

U.S. Geological Survey

Schmitt

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

Utah 022606

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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

John's Valley

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec 35, T-35-S, R-2-W

12. COUNTY OR PARISH

Gardfield

13. STATE

Utah

1. OIL WELL [ ] GAS WELL [ ] OTHER Wildcat

2. NAME OF OPERATOR Tenneco Oil Company

3. ADDRESS OF OPERATOR Lincoln Tower Bldg, Denver, Colo. 80203

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

2050' F/WL, 2050' F/NL

14. PERMIT NO.

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

8110 GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF [ ] FULL OR ALTER CASING [ ] FRACTURE TREAT [ ] MULTIPLE COMPLETE [ ] SHOOT OR ACIDIZE [ ] ABANDON\* [ ] REPAIR WELL [ ] CHANGE PLANS [X] (Other) [ ]

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.)\*

Our original intention to drill indicated a proposed T.D. of 9150'. This T.D. was reached 10/22/69 and we now propose to drill to a new T.D. of 11,200' to test the Mississippian Redwall Formation. The drilling depth as of 10/31/69 was 10,025'.

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

SIGNED

[Signature]

TITLE Sr. Production Clerk

DATE 11/4/69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*Submit*

Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

AMENDED REPORT

Form approved.  
Budget Bureau No. 42-R1424.

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Wildcat		5. LEASE DESIGNATION AND SERIAL NO. UTAH 022606
2. NAME OF OPERATOR TENNECO OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Suite 1200 Lincoln Tower Bldg., Denver, Colo. 80203		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2050' F/WL, 2050' F/NL		8. FARM OR LEASE NAME JOHN'S VALLEY
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8110 GR	9. WELL NO. #1
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT WILDCAT
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.)*		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35, T-35-S, R-2-W
		12. COUNTY OR PARISH 13. STATE Garfield Utah

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(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.)\*

Spudded 9/4/69, drilled to 100' set & cemented 60' of 24" conductor pipe, 9/11/69, drilled to 3006', Ran 95 jts of 9-5/8" 36# casing landed at 3006', ran 92 jts of 2-1/16" 3.25# tubing landed 2940'. Tubing run on outside of 9-5/8" for Air Drilling.

9-5/8" cemented as follows:

425 sacks Litepoz 7 and tailed in with 300 sacks of class "C" Neat; displaced with 234 BBLS H2 O. Topped out 9-5/8" with 50 sacks cement outside of casing at surface

Note: Amended Report due to additional cementing information received after filing initial report.

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

SIGNED

*G. A. Ford*

TITLE

Sr. Production Clerk

DATE

11-24-69

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Schwarz

PF [Signature]

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.

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 [X] GAS WELL [ ] OTHER WILDCAT
2. NAME OF OPERATOR TENNECO OIL COMPANY
3. ADDRESS OF OPERATOR Suite 1200 Lincoln Tower Bldg., Denver, Colo. 80203
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.) At surface 2050' F/WL, 2050' F/NL
14. PERMIT NO.
15. ELEVATIONS (Show whether DP, RT, GR, etc.) 8110 GR
5. LEASE DESIGNATION AND SERIAL NO. UTAH 022606
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME John's Valley
9. WELL NO. #1
10. FIELD AND POOL, OR WILDCAT WILDCAT
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35, T-35-S, R-2 W
12. COUNTY OR PARISH GARFIELD
13. STATE UTAH

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) [ ]
PULL OR ALTER CASING [ ], MULTIPLE COMPLETE [ ], ABANDON\* [ ], CHANGE PLANS [ ]
SUBSEQUENT REPORT OF: WATER SHUT-OFF [X], 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.)\*

11/18/69 - Drilled to T.D. of 11,180', logged, ran 343 jts. of 5 1/2" 17 1/2 casing landed at 11,180' cemented as follows:

Table with 3 columns: Description, DEPTH, NO. SACKS CEMENT. Rows: Baker Model "G" Diff Fill-up Collar (11,154, 135), D.V. Stage Collar (10,282, 375), D.V. Stage Collar (8,403, 190)

Rig released 11/21/69, now waiting on completion unit as of 11/26/69

18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE Sr. Production Clerk DATE 11/26/69
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_



**CORE LABORATORIES, INC.**  
*Petroleum Reserve Engineering*  
**DALLAS, TEXAS**  
**WATER ANALYSIS**

File IWTLL-6994

Company Tenneco Oil Company Well Name Johns Valley No. 1 Sample No. 3

Formation Miss. Depth 11025-72' Sampled From DST No. 5 Bottom

Location SEC 35-T35S-R2W Field Wildcat County Garfield State Utah

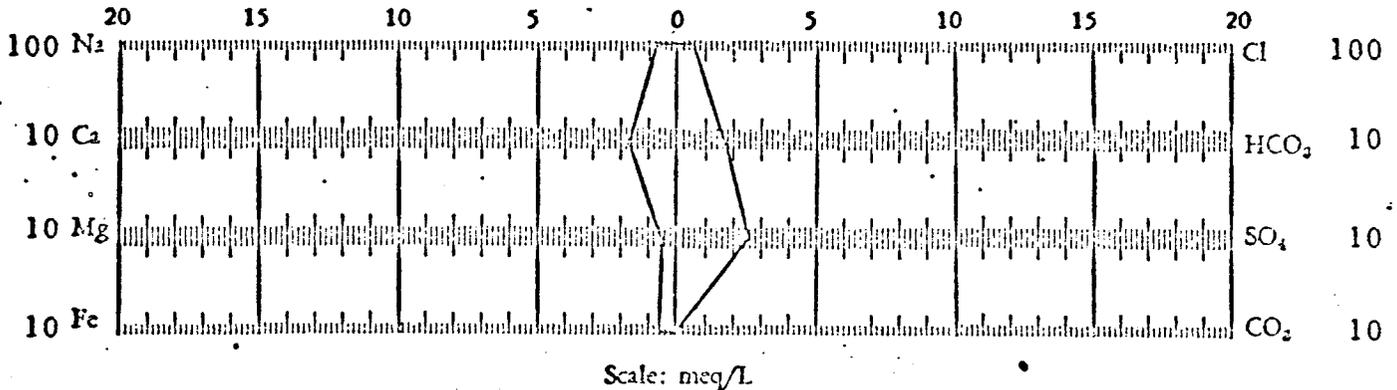
Date Sampled \_\_\_\_\_ Date Analyzed 11/25/69 Analyst RAL

Total Dissolved Solids 6840 mg/L calculated Specific Gravity 1.0033 @ 73 °F.  
8337 1.01 @ 60 °F.

Resistivity 0.9450 ohm-meters @ 73 °F. measured. Hydrogen Sulfide absent

pH 6.95 @ 77 °F  
6.7 @ 66

* Constituents	meq/L	mg/L	Constituents	meq/L	mg/L
Sodium	77.14 <sup>75</sup>	1773	Chloride	63.05 <sup>75</sup>	2235
Calcium	17.71 <sup>23</sup>	355	Bicarbonate	16.96 <sup>23</sup>	1035
Magnesium	5.28 <sup>14</sup>	64.2	Sulfate	25.53 <sup>10</sup>	1226 (Grav.)
*Iron	5.41 <sup>16</sup>	151	Carbonate	0.0	0.0
Barium	0.0	0.0 (Grav.)	Hydroxide	0.0	0.0
* Total iron	1112 mg/L				
Suspended iron	961 mg/L				
Dissolved iron	151 mg/L				



\* All analyses except iron determination performed on a filtered sample.

**TENNECO OIL COMPANY** *A Major Component of Tenneco Inc.*

SUITE 1200 • LINCOLN TOWER BUILDING • DENVER, COLORADO 80203



December 2, 1969

State of Utah  
Department of Natural Resources  
Division of Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Dear Sirs:

This is to inform you that we desire all information on the Tenneco Oil Company No. 1 Johns Valley well, Section 35, T35S, R2W, Garfield County, Utah, to be kept confidential.

Yours very truly,

TENNECO OIL COMPANY

A handwritten signature in cursive script, reading "M. E. Boler", is written over a horizontal line.

M. E. Boler  
District Geologist

MEB mw

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN 1  
(Other Instructions  
on reverse side)

ICATE\*  
on re-

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah 022606

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

John's Valley

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 35, T35S, R2W

12. COUNTY OR PARISH

Garfield

13. STATE

Utah

1.

OIL WELL  GAS WELL  OTHER Wildcat

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

Lincoln Tower Building, Denver, Colorado 80203

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

2175' F/WL, 1925' F/NL

14. PERMIT NO.

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

8115' GR

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)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) To Correct Location

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.)\*

Notice filed to correct location only from 2050' F/WL and 2050' F/NL to 2175' F/WL and 1925' F/NL and the elevation.

*NESENA*

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

SIGNED

*G. A. Ford*

TITLE

Sr. Production Clerk

DATE

12-24-69

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*MB*

COMPANY **TENNECO OIL COMPANY**

Well Name & No. **JOHNS VALLEY**

*#1*

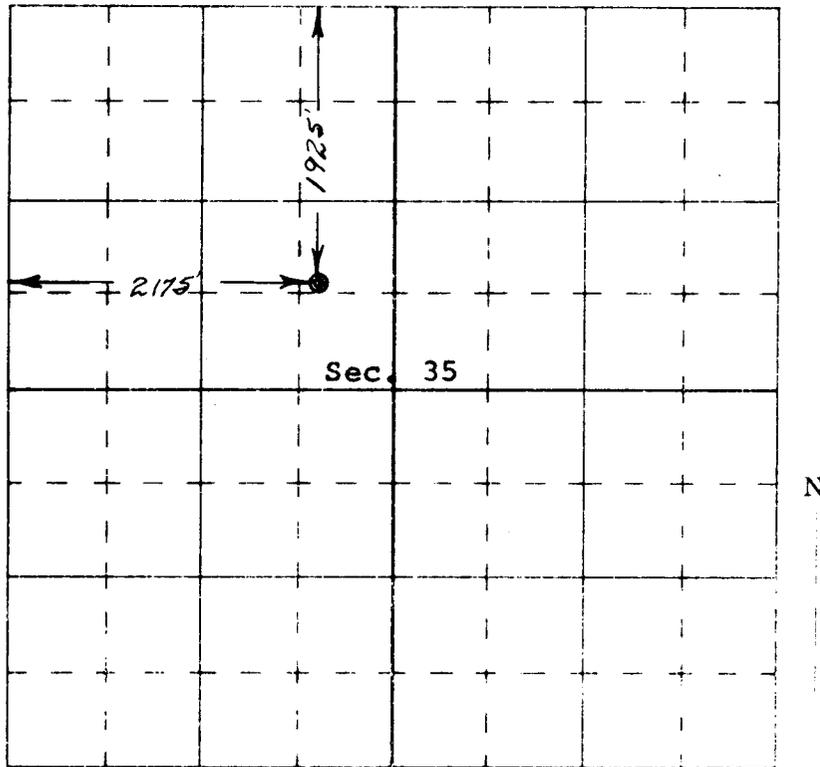
Lease No.

Location **1925 FEET FROM THE NORTH LINE & 2175 FEET FROM THE WEST LINE**

Being in **SE BW**

Sec. **35** T **35S, R2W, S.L.M., Garfield County, Utah**

Ground Elevation **8115' graded**

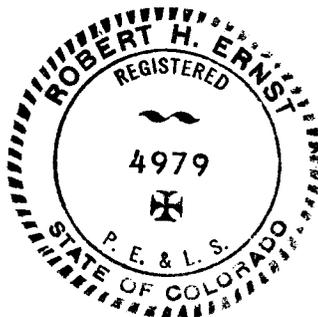


Scale -- 4 inches equals 1 mile

Surveyed **16 December 1969**

19

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.



*Robert H. Ernst*

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

**Ernst Engineering Co.**  
Durango, Colorado 81301

John's Valley  
Water Analysis from Mess

Sodium 1773 PPM  
~~17~~

Calc 355 PPM

Magn 64 PPM

Iron 151 PPM

Chloride ~~22~~ 35 PPM

Sulfate 1226 PPM

$8\frac{5}{8}$  on top range

John Fenigan

Jack Cook - Fenico  $\downarrow$  303 292 9920

file in John Valley #1

534 046 1-303

1773	+
355	+
64	+
151	+
2235	+
1226	+
5804	T

<del>1773</del>	+
<del>355</del>	+
<del>64</del>	+
<del>151</del>	+
<del>2235</del>	+
<del>1226</del>	+
<del>5744</del>	T

January 21, 1970

Tenneco Oil Company  
Attn: C. W. Nance  
Suite 1200 - Lincoln Tower Bldg.  
Denver, Colorado 80203

Re: Well No. John's Valley No. 1  
Sec. 35, T. 35 S, R. 2 W,  
Garfield County, Utah

Gentlemen:

With reference to your letter of December 22, 1969, regarding the temporary disposal of produced water from the Mississippian Formation into the Navajo Formation, for the above referred to well, approval is hereby granted. However, this approval is conditional upon this project being a temporary program which will not exceed three months of injection time. Any further continuance would have to be after public notice and hearing before the Board.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd  
cc: U.S. Geological Survey

Conf.

**TENNECO OIL COMPANY** A Major Component of Tenneco Inc.

SUITE 1200 • LINCOLN TOWER BUILDING • DENVER, COLORADO 80203



December 22, 1969

United States Department of the Interior  
Geological Survey  
Branch of Oil & Gas Operations  
8416 Federal Building  
Salt Lake City, Utah 84111

Attention: Mr. John Vinnegan  
District Engineer

Re: Temporary Disposal  
John's Valley No. 1  
Section 35 T-35-S R-2-W  
Garfield County, Utah

Gentlemen:

It is requested a temporary disposal permit covering 90 days of actual disposal time not including any down time be granted in order to test our recently drilled John's Valley No. 1, Section 35 T-35-S R-2-W, Garfield County, Utah. The permit should provide for disposing of produced Mississippi water down the annulus into the Navajo zone at 4140 feet in the subject well. The amount of water to be disposed is estimated at 750 to 1000 barrels per day at zero pressure.

A copy of a water analysis on the water to be disposed into the Navajo zone on the John's Valley No. 1 is attached.

It appears from a geologic map of the state of Utah that the closest point to John's Valley No. 1 which the Navajo outcrops is 18 miles to the south or 22 miles to the northeast.

Approval of this application by the State of Utah, Division of Oil and Gas Conservation is requested by copy of this letter.

Should you desire further information concerning this matter please advise.

Yours very truly,

TENNECO OIL COMPANY

ORIGINAL SIGNED BY:  
C. W. NANCE

C. W. Nance  
District Production Superintendent

JDC:lfg  
Attachment

cc: Mr. Cleon B. Feight

0701 15 MAR

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIP DATE\*  
(Other instruction re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

UTAH - 622606

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

John's Valley

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Section 35, T35S, R2W

12. COUNTY OR PARISH 13. STATE

Garfield Utah

1. OIL WELL  GAS WELL  OTHER  Wildcat

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

Suite 1200 Lincoln Tower Bldg., Denver, Colorado 80203

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

2175' F/WL, 1925' F/NL

14. PERMIT NO.

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

8kk5 GR

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)

PULL 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.)\*

Moved in completion Unit 12/1/69, cleaned out to PBTD of 11,113', perforated 11,029' to 11,040' w/2 shots per foot. Squeezed w/125 sks. & cleaned out to 11,113'. Re-perforated 11,029' to 11,040' w/1 shot per ft. Ran 2-7/8" 6.50# N-80 EUE tubing. Landed 10,969' w/Baker packer at 10,979', acidized 11,029' to 11,040' w/250 Gals. 15% HCL. 12/28/69 swabbed tested 8 hrs., recovered 58 bbls. oil & 58 bbls. water. Now running Reda Pump.

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

SIGNED

*G. A. Zund*

TITLE

Sr. Production Clerk

DATE

1-26-70

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

1-26-70

CONDITIONS OF APPROVAL, IF ANY:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See Instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.6

6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
Suite 1200 Lincoln Tower Bldg., Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface 2175' F/WL, 1925' F/NL  
 At top prod. interval reported below  
 At total depth

5. LEASE DESIGNATION AND SERIAL NO.  
Utah - 022606  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
John's Valley  
 9. WELL NO.  
1  
 10. FIELD AND POOL, OR WILDCAT  
Undersigned  
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section 35, T35S, R2W  
 12. COUNTY OR PARISH  
Garfield  
 13. STATE  
Utah

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SPUDDED 9-4-69 16. DATE T.D. REACHED 11-18-69 17. DATE COMPL. (Ready to prod.) 12-28-69 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 8115 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 11,180 21. PLUG, BACK T.D., MD & TVD 11,113 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 11029-11044 Redwall 'C'

25. WAS DIRECTIONAL SURVEY MADE (CDM)  
 26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger SNP, BHCSL, DILL, FDC, CDM 27. WAS WELL CORED Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36	3006	15"	425 Sks	
2-1/16"	3.25	2940	-	Parasite String	
5-1/2"	17	11,180	8-3/4"	700 Sks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-7/8	10,969	10,979

31. PERFORATION RECORD (Interval, size and number)  
11,029' to 11,040' w/1 shot per ft.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,029-11,040	250 gals. 15% HCL

33. PRODUCTION

DATE FIRST PRODUCTION 12-28-69 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swab Test thru 2-7/8" Tbg. WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-28-69	8	-	→	58	TSTM	58	TSTM

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED G. A. Ford TITLE Sr. Production Clerk DATE 1-26-70

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

38. GEOLOGIC MARKERS

FORMATION	TOP		DESCRIPTION, CONTENTS, ETC.	BOTTOM		NAME	MEAS. DEPTH		TRUE VERT. DEPTH
	DEPTH	TESTED		DEPTH	TESTED		DEPTH	TESTED	
Dakota	2290	2510	Sandstone			DST 4	9158 to	9191'	
Navajo	4260	5890	Sandstone				ISIP (45")	1855#	
Wingate	6225	6340	Sandstone				IFP (15")	26-55#	
Shinarump	6870	6950	Sandstone				FFP (120")	253#	
Kaibab	8185	8430	Dolomite				FSIP (120")	1760#	
Cedar Mesa	9070	9860	Sandstone				Rec. 100'	SL OC MW	
Redwall C	11020	?	Dolomite				5' 0		
							345'	SL OC MW	
Core 1	7922	7982				DST 5	11,025 to	11072'	
2	7982	7991					IF (5")	192-503#	
3	8200	8260					ISIP (30")	2720#	
4	8260	8320					FP (30")	553-1562#	
DST 1	6873	6893	If (15") 18-48, ISIP (33") 1488				SIP (45")	2733#	
			FF (45") 48-170', FSIP (75") 1519, Rec. 15'				FFP (120")	1574-2683#	
2	7926	7991	If (5") 47, ISIP (30") 1529, FP (30"), 149, SIP (60") 1516, FFP (60") 251 FSIP (180") 1516. Rec. 520' WCM				FSIP (90")	2733#	
3	8742	8520	121 (5") 25, FP (30") 25 FSIP (60") 1519 Rec. 15' M.				Rec. 405' 0, 2595'		
							MS&OCW 186' WCO, 1262'		
							719' W.		

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY  
 BUREAU OF OIL FIELD OPERATIONS

FORM OGC-8-X  
FILE IN QUADRUPLICATE

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number John's Valley 1  
Operator Tenneco Oil Address 1860 Lincoln, Suite 1200 Phone 292-9920  
Denver  
Contractor Brinkerhoff Address 870 Denver Club Bldg., Phone 222-9733  
Denver  
Location SE 1/4 NW 1/4 Sec. 35 T. 35 N, R. 2 E, Garfield County, Utah  
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
<u>From:</u>	<u>To:</u>	<u>Flow Rate or Head:</u>	<u>Fresh or Salty:</u>
1. <u>6870</u>	<u>6950</u>	<u>Static BHP 1570 PSI</u>	<u>RW 1.4 @ 64°</u>
2. <u>9150</u>	<u>9860</u>	<u>" " 1900 PSI</u>	<u>RW 1.5 @ 60°</u>
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

Straight Cliffs - Surface  
Navajo 4260  
Jhinarump 6870  
Timpoweap 7925  
Cedar Mesa 9070  
Redwall 10735

Remarks:

NOTE:

- (a) Upon diminishing supply of forms, please inform this office.
- (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of Form).
- (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

JMB

2/25/70

left SAC w/ P. Bushell @ 7:30 AM

visited White Valley Tennessee well  
had tested; squeezed upper Miss parts. Relate  
fully out cement: BP above lower Miss parts  
to run radioactive tracer survey to check  
for communication.

run  
communication

Well was producing 50 BOPD, 800-1200 BWPD  
from lower part prior to workover. 250

Apparently water was being disposed in pit  
although looked up for annulus injection

If no communication, will abandon Miss &  
test Cedar Mesa & Karbat.

met Jim Eggleston Tennessee Pky engineer; toured  
Upper Valley field, mainly main valley; satellite  
water reparation facility. Water disposal pump  
at satellite; in into #7 shut down. Water  
going to central valley; overflow into pit  
~~not~~ Pump repairs underway which should alleviate  
water problem

met Brigham Hanes field supervisor; discussed  
placing firewalls or ditches or dikes; pit  
for emergency oil spills at Tanks storage facilities.

Well 21 making 250 BO 350 BW from K-4 zone.  
fluid level declining after 2 acid jobs.  
well tested Miss w/ no shows.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRI  
(Other instructio  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

UTAH-022606

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

2. NAME OF OPERATOR  
TENNECO OIL COMPANY

3. ADDRESS OF OPERATOR  
Suite 1200 Lincoln Tower Bldg., Denver, Colo. 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
2175' F/WL, 1925' F/NL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
JOHNS VALLEY

9. WELL NO.  
# 1

10. FIELD AND POOL, OR WILDCAT  
Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 35, T-35-S, R-2-W

12. COUNTY OR PARISH  
Garfield, Utah

13. STATE  
Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
8115 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 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"/>	
(Other) <input checked="" 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.)\*

Move in service unit to abandon Mississippi zone and to test Upper Cedar Mesa. Set bridge plug at 10,800' perforate 2 holes at 9070', squeeze with 100 sacks cement, drill out and pressure test at 2000 psi, run cement bond log and re-squeeze if necessary. Perforate 9070'-80', 9096' to 9110', 9132'-40' with 2 - 45" Dia shots/ft. Run retrievable packer and set at 9000'. Swab test and stimulate if necessary

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

SIGNED

*G. A. Ford*

TITLE Sr. Production Clerk

DATE 3-19-70

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

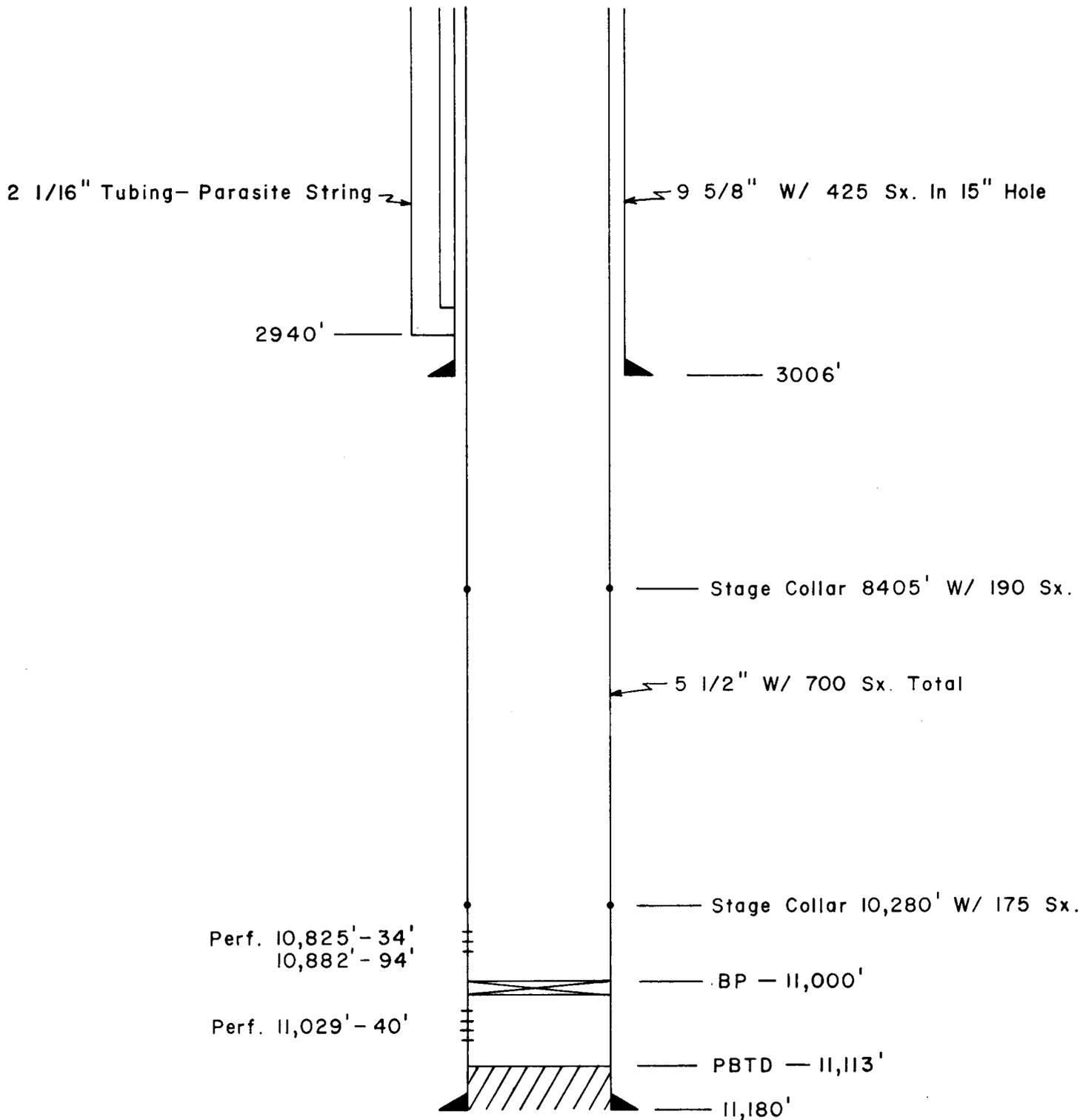
TENNECO OIL COMPANY

JOHNS VALLEY NO.1

1925' FNL & 2175 FWL

SEC. 35, T35S-R 2W

GARFIELD CO., UTAH



~~James Eggleston~~

JWB  
4/6/70

James Eggleston - Denver.

Comp - 11,180 - John's Valley #1  
R 35 T 35 S R 2 W

Ground Retain 11,113

open perf 11,029 to 11,040  
(squeezed)

re-opened 11,033 to 11,037 - still open  
↳ 50 BOPD ~~and~~ <sup>Min.</sup>

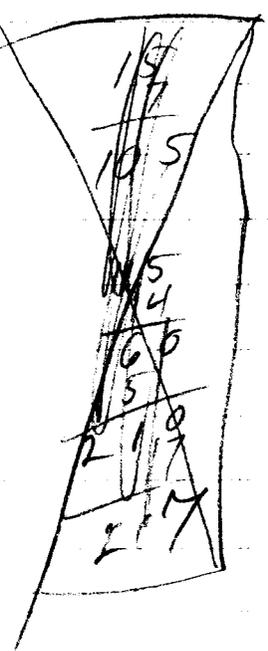
Perf 10 8 25 to 10 8 34 } squeezed  
10 8 8 2 to 10 8 94 } squeezed

Cost more  
buddy play C 10,800 - no cement on lot

4/7/70 Cedar Mesa - Perf 9,070 to 9,080  
scrubbing today  
run tracer survey  
if no communication leave  
9,070 to 10,080  
9,096 to 9,110  
9,132 to 9,140  
9,160 to 9,161 → space & shut in

Cedar Mesa go to  
Habitat 8100 R  
B recommended - set  
retains & squeezed  
all perfs.

set another retain 8170  
squeeze Habitat off.



Branch of Oil and Gas Operations  
8416 Federal Building  
Salt Lake City, Utah 84111

April 17, 1970

Tenneco Oil Company  
Lincoln Tower Building  
Suite 1200  
Denver, Colorado 80203

Gentlemen:

Please be advised that no action has been taken on your request for temporary water disposal into the Navajo formation at your John's Valley well No. 1, sec. 35, T. 35 S., R. 2 W., Garfield County, Utah (see attached letter).

Subsequent visits to the well and conversations with your engineers and the District Forest Ranger, Circleville, Utah, indicate that the requested disposal will probably not be necessary. Further, I am not in favor of putting any water into the Navajo formation which contains solids or salts over and above that already contained in the Navajo water. The Navajo formation is a known fresh water aquifer in this area and should not be contaminated.

If water disposal at John's Valley becomes a problem, I hope we can find an alternate solution. At any rate, I believe we should not commence disposal in the Navajo and can reconsider this proposition or alternate solutions at the time it may become a problem.

Very truly yours,

(ORIG. SCD.) R. A. SMITH

Rodney A. Smith  
District Engineer

Attachment

cc: Utah Division of Oil & Gas Conservation

5/11/70 - JMB

Jim Eggleston - John's Valley

Since 4/6/70

CIBP @ 9000

5 BO P Day

80 BW in  
Hiabub

Ref. K3 ss 8098 - 8104

Cement returns @ 8165

Plan to P

Plug  
on top @ 10,800  
↑

C.R. 11113 10,800 BP ↓

only for  
perf. ↑

open Perf =  $\frac{11033}{c}$  to 11037

10,882 to 10,894 } Cement  
10,825 - 10,834 } spaced

Drill out C.R. @ 8165 & BP @ 9000

Clean out to 9200 - run return pack

@ 9025 - space Perf (C.R. there) =

9070 to 9161 / 100' ss - Pull up set

@ 8050 space - 8098 to 8104

50' ss class G - set 50' ss and

in top - Pull over casing - filled w/ water

Permanet P & A - Cement up to 7700' below casing

98" rel  
at 3000.  
skin camp  
only 85  
being annular  
isolated

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.

Utah-022606

6. IF INDIAN, ALLOTTEE, OR TRIBE NAME

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  P & A

2. NAME OF OPERATOR  
TENNECO OIL COMPANY

3. ADDRESS OF OPERATOR  
Suite 1200 Lincoln Tower Building, Denver, CO 80203

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

2175' F/N1 and 1925' F/NL

10. FIELD AND POOL, OR WILDCAT  
Undesignated

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 35, T35S, R2W

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
8115 GR

12. COUNTY OR PARISH 13. STATE  
Garfield Utah

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 type="checkbox"/>	REPAIRING WELL <input checked="" 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.)\*

Moved in service unit 3/26/70, set bridge plug at 10,800', perf 2 holes @ 9074'; squeezed w/100 sacks cement, drilled out cement to 9075', reperforated 9160-9161' w/2 shots. Resqueezed w/100 sacks cement, drilled out cement to 9161'. Perforated 9070-80, 9096-9110, 9132-9140 w/2 holes per ft., acidized Cedar Mesa w/3000 gals 15% HCL 9070-80', swabbed, perforated Kaibab 8175-6 w/2 shots, squeezed w/150 sacks cement, re-perforated 8098-8104 w/2 shots ft., acidized w/2000 gals 28% HCL, well was swabbed and put on pump with no commercial production, Well was SI 5/8/70 pending further evaluation.

Well to be plugged and abandoned upon your approval as per attached "Prognosis to Plug and Abandon".

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE 9-11-70

BY Paul R. Churchill

Talked to David Brown 9/11/70 -> will resubmit new notice with (approved verbally) changes noted on Program PHB

18. I hereby certify that the foregoing is true and correct  
SIGNED G. A. Ford TITLE Sr. Production Clerk DATE 9-4-70

(This space for Federal or State office use)

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

PROGNOSIS TO PLUG & ABANDON

DISTRICT: Denver FIELD: Murray  
LEASE: John's Valley WELL NO.: 1  
LOCATION: 1925' FNL, 2175' FWL ELEVATIONS: 8115 Ground  
 Sec. 35, T-35-S R-2-W 8122 R.K.B.  
 Garfield Co., Utah  
TOTAL DEPTH: 11,180  
PRESENT STATUS OF WELL: Pumping 5 BOPD and 180 BWPD from Kaibab  
 Perforations: 8098 to 8104.  
RODS: 1", 7/8", 3/4" Tapered  
TUBING: 2 7/8" 6.5# N-80 EUE 8 Rd. set @ 7988 with Baker Anchor  
SURFACE CASING: 9 5/8" 36# J-55 set @ 3006'  
PRODUCTION CASING: 5 1/2" 17# N-80 + J-55 set @ 11,180.  
PLUG BACK T.D.: 8165 Cement Retainer  
OPEN PERFORATIONS: • Kaibab (K-3) 8098 - 8104  
 Cedar Mesa 9070 - 9080, 9096 - 9110, 9132 - 9140, 9160 - 9161  
 Mississippi "C" 11,033 to 11,037  
PLUGS AND RETAINERS: 8,165' Cement Retainer  
 9,000' Bridge Plug  
 10,800 Bridge Plug  
 11,113 Cement Retainer

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE 9-11-70  
 BY Paul A. Burchell

PLUGGING PROCEDURE:

1. Move in and rig up D. D. C. U.
2. Pull and lay down pump and rods.
3. Pull tubing.
4. Drill out cement retainer @ 8,165 and bridge plug @ 9,000. Clean out to 9,200.
5. Run retrievable packer and set same @ 9,025. Squeeze perms 9070 - 9080, 9096 - 9110, 9132 - 9140, and 9160 - 9161 with 100 sacks Class "G".
6. Reset packer @ 8050. Squeeze perms 8098 - 8104 with 50 sacks Class "G".
7. Perforate 2 holes @ 6870. Set packer @ 6820 and squeeze perms with 50 sacks Class "G".
8. Perforate 2 holes in 5 1/2" casing at 3020. Set 100 sacks plug in 5 1/2 - 9 5/8 annulus leaving 100' of cement inside 5 1/2".

*Perf above to be squeezed  
all casing*

*Perforate above - Pump cement down perforate*

**PROGNOSIS TO PLUG AND ABANDON**  
**Sec. 35, T-35-S, R-2W**

9. Lay down all tubing and set 50 sacks Class "G" plug in surface.
10. Install dry hole marker as follows: weld 1/4" plate on top of casing head. Weld dry hole marker to same. Weld cap on parasite tubing.
11. If at some future date Tenneco decides to remove the wellhead, a cement plug will be placed in the 9-5/8" x 5-1/2" annulus and dry hole marker re-installed.
12. Clean location.

**TENNECO OIL COMPANY** *A Major Component of Tenneco Inc.*

SUITE 1200 • LINCOLN TOWER BUILDING • DENVER, COLORADO 80203



September 15, 1970

C  
U. S. G. S.  
8416 Federal Building  
Salt Lake City, Utah 84111

Attention: Mr. Jerry Daniels

RE: John's Valley #1  
Garfield Co., Utah

O  
Dear Sir:

Attached is Form 9-331 describing work which was performed on this well since submitting the last form 9-331. Also attached is a prognosis for plugging this well as per our discussion in your office on September 11, 1970. The included logs, as per your request, show conclusively that no fluid migration is present behind the casing.

P  
Should you have any further questions concerning this well, please contact us.

Y  
Yours very truly,

TENNECO OIL COMPANY

A handwritten signature in cursive script, appearing to read "D. E. Brown".

D. E. Brown  
District Drilling Engineer

DEB:hk

Attache.

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.

Utah - 022606

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
John's Valley

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec. 35, T-35-S, R-2-W

12. COUNTY OR PARISH

Garfield

13. STATE

Utah

1. OIL WELL  GAS WELL  OTHER P & A

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
Suite 1200 Lincoln Tower Building, Denver, Colorado 80203

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

2175' FWL and 1925 FNL

14. PERMIT NO.

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

8115 GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input checked="" type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <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.)\*

Moved in service unit 3-26-70, set bridge plug at 10,800', perf 2 holes @ 9074'; squeezed w/100 sacks cement, drilled out cement to 9075', reperforated 9160-9161' w/2 shots. Resqueezed w/100 sacks cement, drilled out cement to 9161'. Perforated 9070-80, 9096-9110, 9132-9140 w/2 holes per ft., acidized Cedar Mesa w/3000 gals 15% HCL 9070-9140', swabbed, set bridge plug @ 9000', perforated Kaibab 8175-6 w/2 shots, squeezed w/150 sacks cement, reperforated 8098-8104' w/2 shots per ft., acidized w/2000 gals 28% HCL, well was swabbed and put on pump with no commercial production. Well was SI 5-8-70, pending further evaluation.

Well to be plugged and abandoned upon your approval as per attached "Prognosis to Plug and Abandon".

APPROVAL GRANTED  
CONDITIONAL UPON FOLLOWING  
THE ATTACHED PROGNOSIS TO  
PLUG AND ABANDON, DATED  
September 14, 1970

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE 9-21-70  
BY Paul W. Burchell

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

SIGNED

*[Signature]*

TITLE

Sr. Production Clerk

DATE

9-15-70

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FORM OGC-8-X  
FILE IN QUADRUPLICATE

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number John's Valley No. 1  
Operator Tenneco Oil Company Address Suite 1200 Lincoln Tower  
Denver, Colorado 80203 Phone 292-9920  
Contractor Brinkerhoff Drlg. Company Address Denver, Colorado Phone \_\_\_\_\_  
Location SE 1/4 NW 1/4 Sec. 35 T. 35 S, R. 2 E, Garfield County, Utah  
S \*\*

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From:	To:	Flow Rate or Head:	Fresh or Salty:
1. 6870	6950		FW
2. 7926	7991		FW
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

<u>Formation Tops:</u>	Dakota	2320	Hermit	8900
	Winsor	2510	Cedar Mesa	9070
	Carmel	3275	Molas	10695
	Navajo	4260	Redwall	10735
	Chinle	6340		
	Shinarump	6870		
	Moenkopi	6950		
	Timdoweap	7925		
	Kaibab	8185		

Remarks:

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
  - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of Form).
  - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

PROGNOSIS TO PLUG & ABANDON

DISTRICT: Denver FIELD: Murray

LEASE: John's Valley WELL NO. 1

LOCATION: 1925' FNL, 2175' FWL ELEVATIONS: 8115 Ground  
Sec. 35, T-35-S, R-2-W 8122 R.K.B.  
Garfield Co., Utah

TOTAL DEPTH: 11,180

PRESENT STATUS OF WELL: Pumping 5 BOPD and 180 BWPD from Kaibab  
Perforations: 8098 to 8104

RODS: 1", 7/8", 3/4" Tapered

TUBING: 2 7/8" 6.5# N-80 EUE 8 Rd. set @ 7988 with Baker Anchor

SURFACE CASING: 9 5/8" 36# J-55 set @ 3006'

PRODUCTION CASING: 5 1/2" 17# N-80 + J-55 set @ 11,180.

PLUG BACK T.D.: 8165 Cement Retainer

OPEN PERFORATIONS: Kaibab (K-3) 8098 - 8104  
Cedar Mesa 9070 - 9080, 9096 - 9110, 9132 - 9140, 9160 - 9161  
Mississippi "C" 11,033 to 11,037

PLUGS AND RETAINERS: 8,165' Cement Retainer  
9,000' Bridge Plug  
10,800 Bridge Plug  
11,113 Cement Retainer

PLUGGING PROCEDURE:

1. Move in and rig up D. D. C. U.
2. Pull and lay down pump and rods.
3. Pull tubing.
4. Set packer @ 8050. Squeeze perfs 8098 - 8104 with 50 sacks Class "G".
5. Pull tubing to 3226 and spot 50 sx cement plug from 3226 to 3786 inside of 5 1/2" casing.
6. Lay down all tubing and set 50 sacks Class "G" plug to surface.
7. Pump 50 sacks cement thru parasite string and leave in 5 1/2 x 9 5/8 annulus.
8. Install dry hole marker as follows: Install 1/4" plate on top of casing head. Weld dry hole marker to same. Weld cap on parasite tubing.
9. If at some future date Tenneco decides to remove the wellhead, a cement plug

PROGNOSIS TO PLUG AND ABANDON  
JOHN'S VALLEY NO. 1  
GARFIELD CO., UTAH

Page Two  
9-14-70

9. cont'd

will be placed in the 9-5/8" x 5-1/2" annulus and dry hole marker re-installed.

10. Clean location.

PI 100

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN REPLICATION (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah -022606

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 P & A

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR Tenneco Oil Company

8. FARM OR LEASE NAME

John's Valley

3. ADDRESS OF OPERATOR 1200 Lincoln Tower Bldg., Denver, Colo. 80203

9. WELL NO.

1

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

10. FIELD AND POOL, OR WILDCAT

Indesignated

2175' F/WL & 1925' F/NL

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

Sec. 35, T35S, R2W

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8115 GR

12. COUNTY OR PARISH 13. STATE

Garfield

Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

PULL OR ALTER CASING [ ] MULTIPLE COMPLETE [ ] ABANDON\* [ ] CHANGE PLANS [ ]

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

REPAIRING WELL [ ] ALTERING CASING [ ] ABANDONMENT\* [X]

(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.)\*

Moved in service unit 9/15/70, set Baker Retainer packer @ 8052', loaded 5-12" x 2-7/8" annulus w/45 Bbls. water @2960', loaded 2-7/8" tubing w/18 Bbls. water @ 3120'. Pressured 5-1/2" casing to 1000#, Broke down Kaibab perforations 8098'-8104' w/1200 psi. Pumped 75 sacks cement, pumped 60 sacks below tool to max pressure of 3000 psi, reversed 15 sacks from tubing. Cemented 5-1/2" x 8-5/8" annulus down 2-1/16" parasite string w/100 sacks. Set 50 sack plug at 3100 to 2600' in 5-1/2" casing, 15 sack plug 230' to 30'. Removed tubing head and installed cap. & welded on dry hole marker on top of 5-1/2 casing.

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

SIGNED

[Signature]

TITLE Sr. Production Clerk

DATE 9-18-70

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE \_\_\_\_\_  
LEASE NUMBER Utah - 022606  
UNIT \_\_\_\_\_

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Garfield Field Undesignated

The following is a correct report of operations and production (including drilling and producing wells) for the month of MARCH, 1971, John's Valley # 1

Agent's address Suite 1200 Lincoln Tower Bldg. Company Tenneco Oil Company  
Denver, Colorado, 80203 Signed James Hale

Phone 292-9920 Agent's title Production Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NW 35	35S	2W	1	0	—		—	—	—	
LEASE ACCUMULATION										
2 - USGS Salt Lake City										
2 - UGCC Salt Lake City										

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE \_\_\_\_\_  
LEASE NUMBER Utah - 022606  
UNIT \_\_\_\_\_

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Garfield Field Undesignated

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1971, John's Valley # 1

Agent's address Suite 1200 Lincoln Tower Bldg. Company Tenneco Oil Company  
Denver, Colorado, 80203 Signed Mrs Hale

Phone 292-9920 Agent's title Production Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NW 35	35S	2W	1	—	—		—	—	—	
LEASE ACCUMULATION										
2 - USGS Salt Lake City										
2 - UGCC Slat Lake City										

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

