

Filed & approved in the  
State Engineer's Office

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-019379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Upper Valley Unit

8. FARM OR LEASE NAME

9. WELL NO.

#1 - WSW

10. FIELD AND POOL, OR WILDCAT

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

Sec. 24, T-36-S, R-1-E

12. COUNTY OR PARISH

Garfield

13. STATE

Utah

1.

OIL WELL  GAS WELL  OTHER

Water Supply Well

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' F/WL and 800' F/WL

14. PERMIT NO.

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

7134' GR (Est.)

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.)\*

Well spudded 7-23-71. Set 40' of 24" Culvert Pipe for conductor and cemented to surface. Drilled 12-1/4" hole to 2650' and reamed to 18-1/2" on 8-3-71. Ran 81 jts of 13-3/8" 61# k-55 ST&C casing Landed at 2650', cemented w/500 sacks, circulated. Ran 2-1/16" parasite string on outside of 13-3/8" to aerate returns. Tested BOP and casing to 1000 psi, held O.K. Drilling as of 8-5-71 at 2655'.

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

SIGNED

TITLE

Sr. Production Clerk

DATE

8-6-71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
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Budget Bureau No. 42-R1424.

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(Other)

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MULTIPLE COMPLETE

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(Other)

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

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(Other Instructions on reverse side)

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1.

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3. ADDRESS OF OPERATOR

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

2175' F/WL and 800' F/SL

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7134' GR (Est.)

12. COUNTY OR PARISH

Garfield

13. STATE

Utah

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

NOTICE OF INTENTION TO:

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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.)

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Well drilled to T.D. of 4885' on 8-12-71 w/12-1/4" hole, ran 79 jts of 32# and 73 jts of 24#, 8-5/8" casing, landed at 4885'. Cemented in 3 stages w/DV tools @ 4285' and 3439' w/630 sacks. Drilled out D.V. tools and cleaned out to top of float collat @ 4850', tested casing to 1000 psi, held O.K. Released rig 8-14-71 and waiting on completion unit as of 8-17-71

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

SIGNED

*B. A. Ford*

TITLE

Sr. Production Clerk

DATE

8-17-71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

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UNITED STATES  
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GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-019379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Upper Valley Unit

8. FARM OR LEASE NAME

9. WELL NO.

#1 -WSW

10. FIELD AND POOL, OR WILDCAT

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

Sec. 24, T-36-S, R-1-E

12. COUNTY OR PARISH

Garfield

13. STATE

Utah

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  Water Supply Well

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
Suite 1200 Lincoln Tower Building, 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 and 800' F/SL

14. PERMIT NO.

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

7134' GR (Est.)

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.)

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*B. A. Ford*

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Sr. Production Clerk

DATE

8-17-71

(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**

SUBMIT IN 7 PLICATE\*  
(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.)

<b>1. OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <u>Water supply well</u>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> U - 019379
<b>2. NAME OF OPERATOR</b> Tenneco Oil Company		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>
<b>3. ADDRESS OF OPERATOR</b> Suite 1200 Lincoln Tower Bldg. - Denver, Colorado		<b>7. UNIT AGREEMENT NAME</b> Upper Valley Unit
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>2175' F/WL and 800' F/SL</u>		<b>8. FARM OR LEASE NAME</b>
<b>14. PERMIT NO.</b>		<b>9. WELL NO.</b> #1 - WSW
<b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.) <u>7134 GR (EST.)</u>		<b>10. FIELD AND POOL, OR WILDCAT</b>
		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Sec. 24, T-36-S, R-I-E
		<b>12. COUNTY OR PARISH</b> <b>13. STATE</b> 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 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) <u>Perforate</u>	<input checked="" 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 completion unit 8-17-71, perforated 4095' to 4566'  
W/672 - 1/4" holes, jetted well with air compressor. Ran 121  
Jts. of 5-1/2" 15.5# K-55 casing (used as tubing) landed at 4090' with  
Reda Pump. Well tested 14,400 BBLs. Water per day with bottom hole pressure  
of 405#.

T.D. of well 4885 and P.B.T.D. of 4850'.

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

SIGNED *G.A. Ford* TITLE Sr. Production Clerk DATE 9-9-71

(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

SUBMIT IN TYPE OR BY MAIL  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U - 019379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Upper Valley Unit

8. FARM OR LEASE NAME

9. WELL NO.

#1 - WSW

10. FIELD AND POOL, OR WILDCAT

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

Sec. 24, T-36-S, R-I-E

12. COUNTY OR PARISH 13. STATE

Garfield

Utah

1. OIL WELL  GAS WELL  OTHER  Water supply well

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

Suite 1200 Lincoln Tower Bldg. - Denver, Colorado

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

2175' F/WL and 800' F/SL

14. PERMIT NO.

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

7134 GR (EST.)

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

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) Perforate

(Other)

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

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

SIGNED

*G.A. Ford*

TITLE

Sr. Production Clerk

DATE

9-9-71

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APPROVED BY

TITLE

DATE

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

SUBMIT IN DUPLICATE\*

Other In-  
structions on  
reverse side)

Form approved.  
Budget Bureau No. 42-R351.5. **14**

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

**1a. 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

**4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\***  
 At surface 2175' F/WL and 800' F/SL  
 At top prod. interval reported below  
 At total depth

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

**5. LEASE DESIGNATION AND SERIAL NO.**  
U-019379

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME**

**7. UNIT AGREEMENT NAME**  
Upper Valley Unit

**8. FARM OR LEASE NAME**

**9. WELL NO.**  
#1 - WSW

**10. FIELD AND POOL, OR WILDCAT**

**11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA**

Sec. 24, T-36-S, R-I-E

**12. COUNTY OR PARISH** Garfield **13. STATE** Utah

**15. DATE SPUNDED** 7-23-71 **16. DATE T.D. REACHED** 8-12-71 **17. DATE COMPL. (Ready to prod.)** 9-8-71 **18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*** 7134 GR (EST.) **19. ELEV. CASINGHEAD**

**20. TOTAL DEPTH, MD & TVD** 4885 **21. PLUG, BACK T.D., MD & TVD** 4850 **22. IF MULTIPLE COMPL., HOW MANY\*** \_\_\_\_\_ **23. INTERVALS DRILLED BY** \_\_\_\_\_ **ROTARY TOOLS** 0-4885 **CABLE TOOLS** \_\_\_\_\_

**24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\***  
Navajo 2872 to TD (4286-)

**25. WAS DIRECTIONAL SURVEY MADE**  
yes

**26. TYPE ELECTRIC AND OTHER LOGS RUN**  
DLC - GR

**27. WAS WELL CORED**  
no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	61	2650	18-1/2"	500 sacks	
8-5/8	24	4885	12-1/4"	3 stages DV tools @ 4285 and 3439	
				630 sacks	

**29. LINER RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

**30. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2	4090	-----

**31. PERFORATION RECORD (Interval, size and number)**  
4095 - 4566 - 672 1/4" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

**33.\* PRODUCTION**

**DATE FIRST PRODUCTION** \_\_\_\_\_ **PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)** See reverse side **WELL STATUS (Producing or shut-in)**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

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 B. A. Ford TITLE Sr. Production Clerk DATE 9-9-71

\*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Navajo	2872	Still in @ TD	Fresh water by test
			Well completed as water supply well for use as water injection in Upper Valley Field.
			Well tested 14,400 BELLS water per day on Reda Pump - 9-8-71

**38. GEOLOGIC MARKERS**

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Navajo	2872		+4286

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

September 9, 1971

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Upper Valley Unit Water Supply Well #1  
Operator Tenneco Oil Company Suite 1200 Lincoln Tower Bldg.  
Address Denver, Colorado Phone 292-9920  
Box 688  
Contractor Loffland Brothers Address Farmington, New Mexico Phone 325-5001  
Location SW 1/4 SE 1/4 Sec. 24 T. 36 N R. 1 E Garfield County, Utah  
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. 2872	4885(TD)	*	Fresh
2.			
3.	* 14,400 BBLs water per day with bottom hole pressure of 405 psi. (on Reda Pump)		
4.			
5.			

(Continue on reverse side if necessary)

Formation Tops:

Navajo 2872

Remarks:

NOTE:

- (a) Upon diminishing supply 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other Water supply well

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. See space 17 below.)  
AT SURFACE: 2175' FWL and 800' FSL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Erect structures on existing location			

5. LEASE U-019379	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Upper Valley Unit WSW	
9. WELL NO. #1	
10. FIELD OR WILDCAT NAME Upper Valley	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24 T36S R1E	
12. COUNTY OR PARISH Garfield	13. STATE Utah
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 7134' gr.	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

3/5/81 - As part of Tenneco Oil Company's proposed polymer flood project in the above referenced unit, we propose to utilize the existing water supply well #1 location for a polymer mixing site. Tenneco intends to erect 2 buildings, 1 - 20' x 50' and 1 - 20' x 30', in which pumps, injection, mixer and storage equipment will be contained.

New lines will be installed along existing pipeline or road rights-of-way as shown on the attached map. They will be buried 3' deep in a 2' wide trench. All lines will be externally wrapped and internally lined with fiberglass. All lines will be 1500 PSI, maximum pressure, steel lined pipe.

**APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING**

DATE: 3-27-81

Subsurface Safety Valve: Manu. and Type BY: M.S. Minder Set @ \_\_\_\_\_ Ft.

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

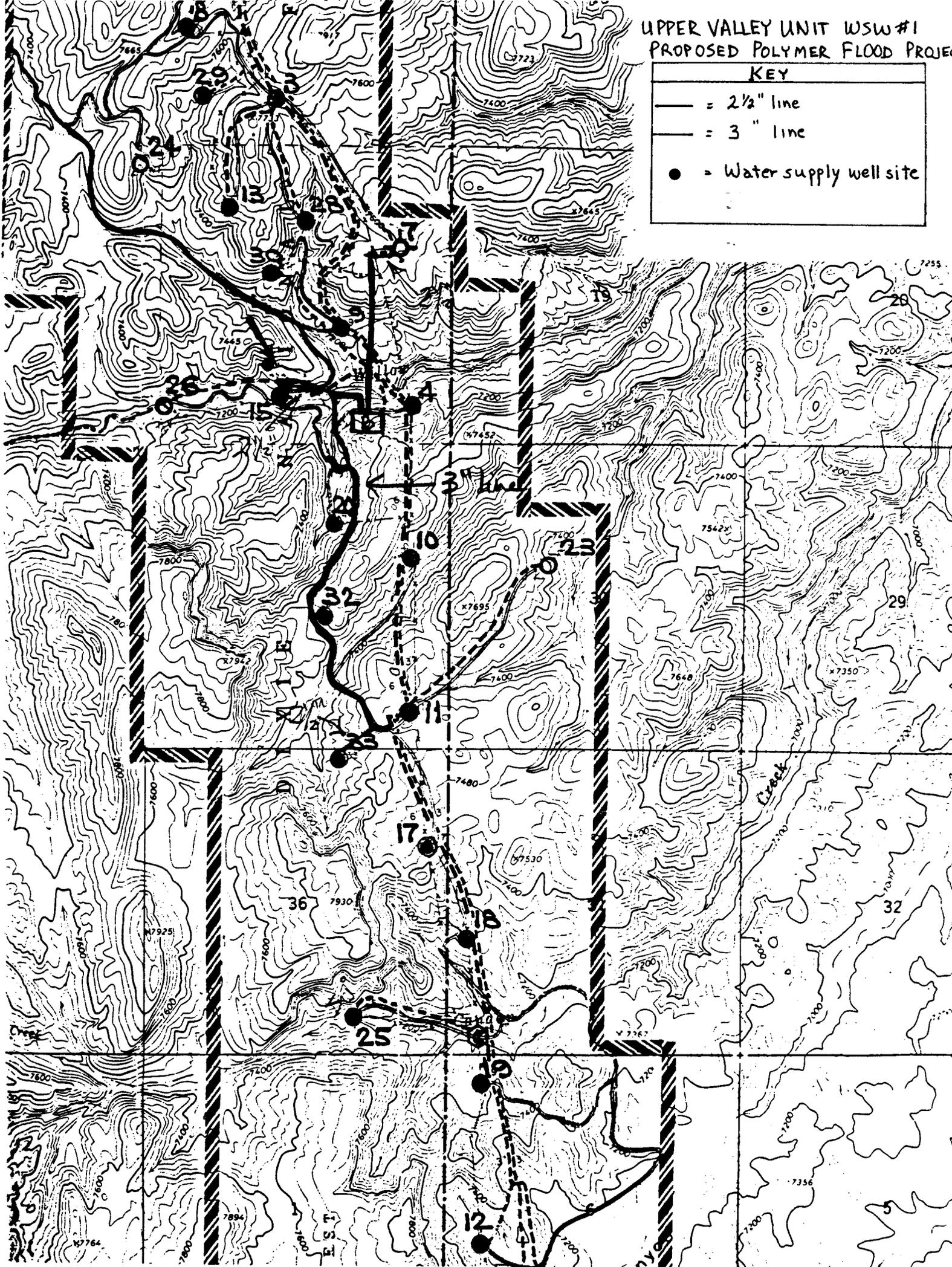
SIGNED Carley Hatcher TITLE Asst. Div. Adm. Mgr. DATE March 6, 1981

(This space for Federal or State office use)

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

UPPER VALLEY UNIT WSW #1  
PROPOSED POLYMER FLOOD PROJECT

KEY	
	= 2 1/2" line
	= 3" line
	= Water supply well site



**UPPER VALLEY UNIT 1**

**Well added to 3270 database 1/13/1999 for informational purposes.**

**Water supply well drilled by Tenneco (N0950) in 1971 as part of polymer flood project.**

**Upper Valley Unit operator changed to Citation (N0265) effective 9/1/1987.**

**API assigned 1/13/1999: 43-017-30143.**

**Entity: 99990.**

**DTS  
1/14/1999**