

FILE NOTATIONS
FILE NOTATIONS

Entered in NID File
Entered in NID File
Entered On S.R. Sheet
Entered On S.R. Sheet
Location Map Pinned
Location Map Pinned
Card Indexed
Card Indexed

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Checked by Chief
Copy NID to Field Office
Approved Letter
Disapproved Letter

PMB

✓
✓
✓
✓
✓
✓
✓
✓

COMPLETION DATA:

Date Well Completed *2-26-65*
OW *L* WW *TA*
GW *OS* PA

Location Inspected
Bond Released
State of Fee Land

LOGS FILED

Driller's Log *4-5-65*

Electric Log (No. 1) *2*

E-E-GER GERN Miro

Lat Mkt Seismic Other *(2) Density Log*

(2) Productivity Log (2) Acoustic Velocity Log

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Tenneco Oil Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
564' FSL 927' FEL SE/4 SE/4 ✓ *107' deeper than*
 At proposed prod. zone
SW 38 SE

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) **4200'**
 16. NO. OF ACRES IN LEASE **2040**

17. NO. OF ACRES ASSIGNED TO THIS WELL **160**
 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. **5500' SE of 100 Upper Valley** 19. PROPOSED DEPTH **7250** ✓
 20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.) **No. 3** ✓
7200' GR (est.) ✓
 22. APPROX. DATE WORK WILL START*
8-27-64

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"		60' ✓	Circulate
17-1/2"	13-3/8"	48#	2750' ✓	400
12-1/4"	8-5/8"	26#	6200' ✓	200

BOP Series 600 Cameron QRC with hydraulic closing

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. Original Signed By **R. E. Siverson**
 SIGNED **R. E. Siverson** TITLE **Dist. Production Supt.** DATE **8-17-64**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.
U-019379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Upper Valley

8. FARM OR LEASE NAME

9. WELL NO.
4

10. FIELD AND POOL, OR WILDCAT
Upper Valley Kaibab ✓

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
24, T. 36 S., R. 1 E. SLM

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

Loay hle

17-1/2"

8-17-64

2" x 4" Redwood Staves Set By
Hansen Engr. Co. (1963 Survey)

T365

24

Relocated Position of
TENNECO Upper Valley Unit #4
Approx. Und. Elev. = 7200'

2" x 4" Redwood Stave (1964 Survey)

504'

Found
(192

UK

Found Brass Cap
(1922 Survey)

NORTH REFER. BRG.
13 18
24 19



50°10'48"E - 2610.4'
(NORTH, PER PUBLIC LAND SURVEY - 2613.6')

Found Brass Cap
Business Cor. - 26.4' No.

24 19

50°18'37"E - 2667.5'
(NORTH, PER PUBLIC LAND SURVEY - 2666.4')

SE 1/4, SE 1/4
SEC. 24

927'

24 19

Found Brass Cap
(1922 Survey)

RANGE 1 EAST
RANGE 2 EAST

UNSURVEYED

SURVEYED

GENERAL NOTES

1. THE SECTION AND SUBDIVISION LINES IN THIS AREA ARE TENTATIVE LOCATIONS PENDING COMPLETION OF THE OFFICIAL PUBLIC LAND SURVEY.
2. NORTH REFERENCE BEARING IS BETWEEN THE SOUTHEAST CORNER AND THE EAST QUARTER CORNER OF SECTION 13, T36S, R1E, S.L.B. & M.
3. THE GROUND ELEVATION SHOWN ON THIS PLAT IS APPROXIMATE ONLY. AN EXACT LEVEL DETERMINATION OF THE GROUND ELEVATION WILL BE MADE IN THE NEAR FUTURE.
4. THIS PLAT SUPERSEDES A SIMILAR PLAT DATED JULY 21, 1964, SHOWING THE PROPOSED LOCATION OF TENNEGO UPPER VALLEY UNIT No. 4 IN THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 25, T36S, R1E, S.L.B. & M.

CERTIFICATE

STATE OF UTAH)
COUNTY OF SEVIER }

I HEREBY CERTIFY THAT THE ACCOMPANYING SKETCH IS A TRUE AND CORRECT PLAT OF A SURVEY MADE UNDER MY DIRECTION ON AUGUST 11, 1964, FOR TENNEGO OIL COMPANY TO DETERMINE THE RELOCATION OF A PROPOSED OIL WELL TO BE KNOWN AS TENNEGO UPPER VALLEY UNIT No. 4; SAID LOCATION BEING 564 FEET NORTH OF THE SOUTH LINE AND 927 FEET WEST OF THE EAST LINE OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 24, TOWNSHIP 36 SOUTH, RANGE 1 EAST, SALT LAKE BASE & MERIDIAN, IN GARFIELD COUNTY, UTAH.

DATED AUGUST 13, 1964

Richard Hansen
PROFESSIONAL ENGINEER & LAND SURVEYOR
UTAH LICENSE No. 1138
RICHFIELD, UTAH

August 25, 1964

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

Attention: Mr. P. E. Siverson

Re: Well No. Upper Valley Unit #4
Sec. 24, T. 36 S., R. 1 E.,
Garfield County, Utah

Gentlemen:

It has come to the attention of this office that several wells completed in the state left water-bearing formations exposed behind the annulus of the production string. In some instances, this resulted in contamination due to the migration of oil, gas and salt water from adjacent strata.

After checking your Notice of Intention to Drill the above named well, it appears that the proposed casing might not be adequate. We would like to point out that water-bearing aquifers were encountered in the Dakota, Navajo, Kayenta, Wingate, and Shinarump formations while drilling other wells in the same area. Therefore, it will be necessary for you to take this matter under consideration and program the amount of casing and cement to be used in such a manner that these saturated sands will be protected.

Your cooperation with respect to the contents of this letter will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

PAUL W. MURPHY
CHIEF PETROLEUM ENGINEER

FWB:bc

cc: H. L. Coats, Pet. Eng., Box 266, Moab, Utah.
U. S. Geological Survey, 8416 Federal Building, Salt Lake City, Utah.
Water Pollution Control Board, 45 Fort Douglas Boulevard, Salt Lake City, Utah.
State Engineers Office, 403 State Capitol Building, Salt Lake City, Utah.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Garfield Field or Lease Upper Valley Unit

The following is a correct report of operations and production (including drilling and producing wells) for

Oct., 1964.

Agent's address P. O. Box 1714 Company Tenneco Oil Company

Durango, Colorado Signed Harold C. Nichols

Phone 247-5494 Agent's title Sr. Production Clerk

State Lease No. _____ Federal Lease No. U-019379 Indian Lease No. _____ Fee & Pat.

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
<u>Sec. 24</u> <u>SE SE</u>	<u>36S</u>	<u>1E</u>	<u>4</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Drig. at 4620'</u>

CONFIDENTIAL

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN _____ DATE _____
(Other instruct on reverse side)

Form approved
Budget Bureau No. 42-21424

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-019379
2. NAME OF OPERATOR Tenneco Oil Company		6. IF IN USE, ALLOTTEE OR TRACT NAME
3. ADDRESS OF OPERATOR P. O. Box 1714, Durango, Colorado		7. UNIT ASSIGNMENT NAME Upper Valley
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 564' FSL, 927' FEL, 8e/4 SE/4		8. FARM OR TRACT NAME
14. PERMIT NO.	15. ELEVATIONS (Show whether SV, ST, GR, etc.) 7200' GR (Est.)	9. WELL NO. 4
		10. FIELD AND POOL, OR WILDCAT
		11. SEC. T. R. OR BLM AND RANGE OR AREA Sec. 24, T36S, R13E, S14M
		12. COUNTY OR PARISH Garfield
		13. BEARING U34

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

NATURE OF INTENTION TO:		SUBSEQUENT REPORT ON:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL 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 ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <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 points pertinent to this work.)

Well spudded 9-5-64. Drilled 12-1/4" hole to 42' and reamed to 20" 3/4" conductor pipe, landed at 65' KB. Cemented with 5 yards 6-1 Reeling cement. Drilled out with 17-1/2" hole to 2505'. Ran 76 jts of 13-3/8" 61# and 54.5# casing. Landed at 2505'. Cemented with 350 sacks Class "A" cement. Ran 100 sacks Class "A" cement from 91' below ground level to surface. Tested casing to 1500 psi with no leaks and BOP to 1500#, ok. Drilling ahead.

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

SIGNED [Signature] TITLE District Office Supervisor DATE 10-7-68

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:



file

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS
WATER ANALYSIS

File RP-3-7A-614

Company TENNECO OIL COMPANY Well Name UPPER VALLEY NO. 1 Sample No. _____

Formation _____ Depth _____ Sampled From _____

Location Sec 21, 36E 1E Field UPPER VALLEY County GARFIELD State UTAH

Date Sampled _____ Date Analyzed 3-29-65 Engineer DAVIS

Total Dissolved Solids 10,674 mg/L CALC.

Sp. Gr. 1.003 @ 71 °F.

Resistivity 0.77 ohm-meters @ 69 °F. MEAS.

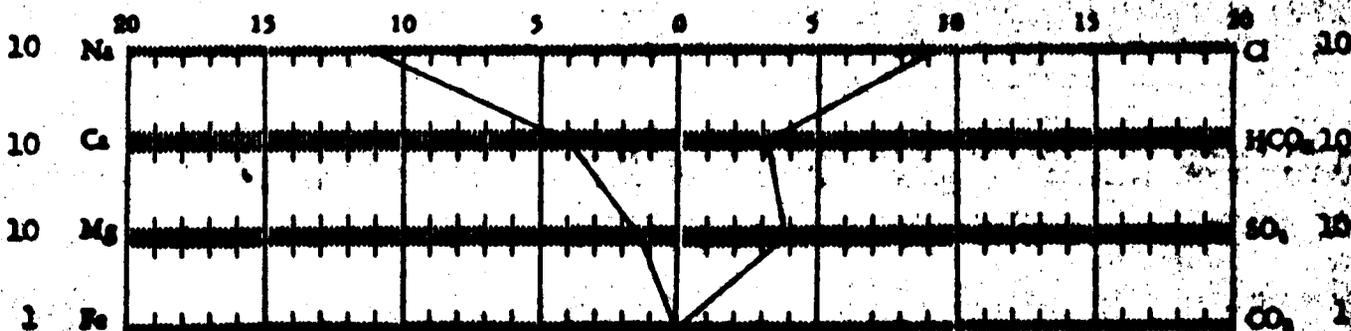
Hydrogen Sulfide PRESENT

pH 7.6 @ _____ °F.

*Constituents	meq/L	mg/L	Constituents	meq/L	mg/L
Sodium	<u>110.1</u>	<u>2,532</u>	Chloride	<u>82.1</u>	<u>3,266</u>
Calcium	<u>32.2</u>	<u>800</u>	Bicarbonate	<u>32.8</u>	<u>2,001</u>
Magnesium	<u>11.4</u>	<u>475</u>	Sulfate	<u>19.5</u>	<u>1,900</u>
Iron	<u>ABSENT</u>		Carbonate	<u>ABSENT</u>	
Barium	<u>ABSENT</u>		Hydroxide	<u>ABSENT</u>	

(Grav.)

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



MILLIPORE ANALYSIS

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State... Utah County... Garfield Field or Lease Upper Valley Unit

The following is a correct report of operations and production (including drilling and producing wells) for

..... Nov., 19.. 64

Agent's address P. O. Box 1714 Company Tenneco Oil Company
Durango, Colorado Signed Harold C. Nichols

Phone 247-5494 Agent's title Sr. Production Clerk

State Lease No. Federal Lease No. U-019379 Indian Lease No. Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
<u>Sec. 24</u> <u>SE SE</u>	<u>36S</u>	<u>1E</u>	<u>4</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Coring at 6463'</u>

CONFIDENTIAL

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

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

SUBMIT IN ORIGINAL FORM
(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

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

Upper Valley

8. FARM OR LEASE NAME

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Upper Valley Kaibab

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

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

12. COUNTY OR PARISH

Garfield

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

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

564' F/SL, 927' F/EL, Sec. 24, T-36-S, R-1-E

14. PERMIT NO.

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

7200 GR (Est.)

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 type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input 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.)*

Drilled 11" hole out from under 13-3/8" casing at 250' to T.D. of 6315'. Ran 193 jts. of 8-5/8" OD 36# J-55 casing landed at 6315'. Cemented w/300 sks. Class C cement w/2% gel and 12-1/2# Gilsomite per sk. w/good circulation WOC 24 hrs. Tested B.O.P. and casing to 1000 PSI OK. Now coring and drilling ahead to estimated T.D.

CONFIDENTIAL

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

SIGNED **J. H. WATKINS**

J. H. Watkins

TITLE **District Office Supervisor**

DATE **November 30, 1964**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
 Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Garfield Field or Lease Upper Valley Unit

The following is a correct report of operations and production (including drilling and producing wells) for

Dec. , 1964

Agent's address P. O. Box 1714 Company Tenneco Oil Company

Durango, Colorado Signed Harold C. Nichols

Phone 247-5494 Agent's title Sr. Production Clerk

State Lease No. Federal Lease No. U-019379 Indian Lease No. Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
<u>Sec. 24</u> <u>SE SE</u>	36S	1E	4	-	-	-	-	<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;">No. of Days Produced</div> <div style="width: 85%;">Drilling at 7258'</div> </div>

CONFIDENTIAL

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
 SI-Shut In D-Dead
 GI-Gas Injection TA-Temp. Aban.
 WI-Water Injection

UN) STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLI
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-019379

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

7. UNIT AGREEMENT NAME

Upper Valley

2. NAME OF OPERATOR
Tenneco Oil Company

8. FARM OR LEASE NAME

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

9. WELL NO.

4

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

Upper Valley Kaibab

564' F/SL, 927' F/EL, Sec. 24, T-36-S, R-1-E

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

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

14. PERMIT NO.

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

7200 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:

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.)*

Drilled and cored out from under 8-5/8" casing at 6315' to T.D. of 7422'. Ran 33 jts. of 5-1/2 17# J-55 casing liner w/liner hanger @ 6109' and landed at 7188' (ran 1079 overall). Cemented w/150 sacks Class C cement @ no returns to surface, reversed out 25 sacks cement. Drilled out cement to 7102'. Tested casing to 800 psi OK. Now testing zones 6474 to 7090'.

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

Original Signed By: J. H. WATKINS TITLE District Office Supervisor DATE January 25, 1965

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Garfield Field or Lease Upper Valley Unit

The following is a correct report of operations and production (including drilling and producing wells) for

Jan., 1965

Agent's address P. O. Box 1714 Company Tenneco Oil Company
Durango, Colorado Signed Harold C. Nichols
Phone 247-5494 Agent's title Sr. Prod. Clerk

State Lease No. _____ Federal Lease No. U-019379 Indian Lease No. _____ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
<u>Sec. 24</u> <u>SE SE</u>	<u>36S</u>	<u>1E</u>	<u>4</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> No. of Days Produced </div> <div> Released rig 1/27/65. Waiting on completion. </div> </div>

CONFIDENTIAL

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

U-019379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Upper Valley

8. FARM OR LEASE NAME

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Upper Valley

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

Sec. 24, T36S, R1E

12. COUNTY OR PARISH

Garfield

13. STATE

Utah

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 RESVR. Other _____

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)*

At surface **564' FBL, 927' FBL; Sec. 24, T36S, R1E**

At top prod. interval reported below **Same**

At total depth **Same**

14. PERMIT NO. DATE ISSUED

15. DATE SPURRED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

9-5-64 1-8-65 2-26-65 7206' Grd. 7200'

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

7422 6552 PB --- 0-7422 None

6474-6484 Kaibab

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN **Gamma Ray-Neutron, Induction, G-D, A.C. Caliper, Cement Bond, Gamma Ray Collar**

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
20"	---	65'	26"	5 yards cement	None
13-3/8"	61# & 54#	2505'	17 1/2"	450 ex.	None
8-5/8"	36#	6315'	11"	300 ex.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5/8"	6109	7188	150 ex	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	6448	6545

31. PERFORATION RECORD (Interval, size and number)

**7083-90 2 holes/ft.
7062-68 2 holes/ft.
6474-84 4 holes/ft.
6569-74 4 holes/ft.**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7062-90	1000 gal acid
7062-90	2500 gal acid
6569-74	200 gal acid
6474-84	200 gal acid

33.* PRODUCTION

DATE FIRST PRODUCTION **2-26-65** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Pumping** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST **2-26-65** HOURS TESTED **24 hrs.** CHOKER SIZE **---** PROD'N. FOR TEST PERIOD **---** OIL—BBL. **210** GAS—MCF. **---** WATER—BBL. **82** GAS-OIL RATIO **TSTM**

FLOW. TUBING PRESS. **---** CASING PRESSURE **---** CALCULATED 24-HOUR RATE **---** OIL—BBL. **210** GAS—MCF. **---** WATER—BBL. **82** OIL GRAVITY-API (CORR.) **27°**

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

None

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 J. H. Watkins TITLE Dist. Office Supervisor DATE 4-1-65

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

Please hold all information regarding this well confidential.

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 38, 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.), formations 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.
Dakota	1220	1408	Sandstone - fresh water.	
Entrada	1570	2517	Sandstone w/interbedded shale & siltstone - fresh water.	
Navajo	2857	4412	Sandstone - fresh water. ✓	
Wingate	4640	4930	Sandstone - fresh water. ✓	
Timpoveap	6320	6448	Dolomite w/abundant chert - oil & water.	
Kaibab	6448	6720	Dolomite & limestone w/abundant chert - oil & water.	
Toroveap	6720	7120	Sandstone, Dolomite & Evaporites interbedded - oil & water.	
Cedar Mesa	7312	7422	Sandstone - oil & water.	

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Straight Cliffs	Surface		
Tropic	605		
Dakota	1220		
Summerville	1408		
Entrada	1570		
Carmel	2517		
Navajo	2857		
Kayenta	4412		
Wingate	4640		
Chinle	4930		
Shinarump	5410		
Moenkopf	5534		
Timpoveap	6320		
Kaibab	6448		
Toroveap	6720		
Organ Rock	7120		
Cedar Mesa	7312		

September 28, 1965

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

Re: Well No. Upper Valley Unit #4,
Sec. 24, T. 36 S., R. 1 E.,
Garfield County, Utah.

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs for the above mentioned well are due and have not been filed with this Commission as required by our rules and regulations.

If electric and/or radioactivity logs were not run, please make a statement to that effect in order to keep our records accurate and complete.

Thank you for your cooperation in this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

**SHARON C. HUNT
RECORDS CLERK**

sch

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN TYPE "CATH" (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

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

Upper Valley

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Upper Valley

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

S.L.B.M. Sec 24, T-36-S, R-1-E

12. COUNTY OR PARISH 13. STATE

Garfield Utah

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

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

564' FSL, 927' FEL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7206' 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 ON:

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

We perforated and acidized as follows: 5-14-66, rig up, pulled tubing and rods. Perforated 6382-96 and 6340-56 with 2 holes per foot. Set bridge plug at 6410' and packer at 6370'. Acidized perforations 6302-96 with 200 gallons. Re-set bridge plug at 6370' and packer at 6330'. Acidized perforations 6340-56 with 2500 gallons. Pulled bridge plug and packer and re-ran 2-7/8" OD EUE tubing and anchor set at 6361'. Ran rods and pump. Complete 5-18-66.

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

SIGNED Harold C. Nichols TITLE Senior Production Clerk

DATE 6-14-66

(This space for Federal or State office use)

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

Distribution:

- 3 - USGS - Salt Lake City
1 - Utah O & G Com. *See Instructions on Reverse Side
1 - Sun Oil Co.
1 - File

Vertical stamp: RECEIVED JUN 14 1966 GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN REVERSE
(Other instructions on
reverse side)

Form approved,
Budget Bureau No. 42 H4421

5. LEASE DESIGNATION AND SERIAL NO.
U-019379

SUMMARY 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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Tenneco Oil Company		8. FARM OR LEASE NAME Upper Valley
3. ADDRESS OF OPERATOR P. O. Box 1714, Durango, Colorado 81301		9. WELL NO. #4
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 564 FSL 927 FEL		10. FIELD AND POOL, OR WILDCAT Upper Valley
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, T-36-S, R-1-E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7206 GR		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:		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) Install sub-surface pump (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.)*

list
We plan to install a submergible pump down hole to ~~life~~ approximately 1500 bbls fluid per day. This will be similar to the installation on the Upper Valley #2 well, where fluid withdrawel averages 1000 bbls per day for the past 5 months. The water cut has not changed. Work to start approximately March 1, 1967

18. I hereby certify that the foregoing is true and correct
SIGNED Harold C. Nichols TITLE Senior Production Clerk DATE February 23, 1967
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

- 3 USGS Salt Lake
- 2 Utah O&G Comm.
- 1 Sun Oil Company

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN _____
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-019379

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

P. O. Box 1714, Durango, Colorado 81301

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

564 FSL 927 FEL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Upper Valley

9. WELL NO.

#4

10. FIELD AND POOL, OR WILDCAT

Upper Valley

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

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

14. PERMIT NO.

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

7206 GR

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:

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) Sub-surface Installation

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.)*

3/13/67. Ran 120 HP submergible pump set at 6076'. Hooked in electric power. Started unit - pumping at the rate of 420 BOPD and 780 BWPP.

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

SIGNED

G. A. Ford

TITLE

Senior Production Clerk

DATE

March 13, 1967

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

3 USGS SLC
2 UTAH O&G
1 Sun Oil Company
1 TOC, File

*See Instructions on Reverse Side

Vertical stamp: RECEIVED... MAR 13 1967... GEOLOGICAL SURVEY... UTAH...
Vertical stamp: RECEIVED... MAR 13 1967... GEOLOGICAL SURVEY... UTAH...
Vertical stamp: RECEIVED... MAR 13 1967... GEOLOGICAL SURVEY... UTAH...

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

REMIT IN TRIPPLICATE

Form approved.
Budget Bureau No. 42-R1424

U - 019379

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.)

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Tenneco Oil Company</p> <p>3. ADDRESS OF OPERATOR Suite 1200 Lincoln Tower Bldg.- Denver, Colorado</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 564' F/SL and 927' F/EL</p>	<p>5. WELL DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME Upper Valley Unit</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. 4</p> <p>10. FIELD AND POOL, OR WILDCAT Upper Valley</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, T-36-S, R-I-E</p>
<p>14. PERMIT NO.</p> <p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7206 GR.</p>	<p>12. COUNTY OR PARISH Garfield</p> <p>13. STATE Utah</p>

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 checked="" 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"/>	

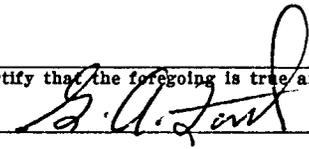
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

Move in service unit, pull tubing and reda pump. Set Baker Modal "R" retrievable packer at 6435'. Acidize perforations 6474' - 84' W/50 BELS. Crude pad, 1000 gals 28% HCL W/4% A-130 inhibitor, .5% W-35 demulsifier and 15#/1000 gal of L-41 iron agent, 30 ball sealers, 1000 gals, of 28% HCL with same additives and 100 BELS of crude flush. Swab, release packer and pull, ran reda pump and tubing, test and put well on production.

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

SIGNED



TITLE Sr. Production Clerk

DATE 7-15-71

(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 TRIP
(Other instructions
verse side)

Form approved.
Budget Bureau No. 42-R1424.

PT

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.

4

10. FIELD AND POOL, OR WILDCAT

Upper Valley

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

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

12. COUNTY OR PARISH

Garfield

13. STATE

Utah

1. (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.)

OIL WELL GAS WELL OTHER

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

564' F/SL and 927' F/EL

14. PERMIT NO.

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

7206' 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

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.)*

Moved in service unit 7-9-71, pulled tubing and Reda pump. Set Model R packer at 6450', acidized perforations 6474-84' w/2000 gals 28% HCL w/.4% a-130 inhibitor, .5% w-35 demulsifier and 15#/1000 gal of L-41 iron agent, 50 ball sealers and 100 Bbls of crude flush, swabbed, pulled packer.

Ran 2-7/8" Tubing Landed at 6323', Ran Reda Pump.

Well tested 7-14-71 223 BOPD 760 BOPD

Well tested prior to acid Job 170 BOPD 650 BOPD.

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

SIGNED

G. A. Ford

TITLE

Sr. Production Clerk

DATE

8-6-71

(This space for Federal or State office use)

APPROVED BY

TITLE

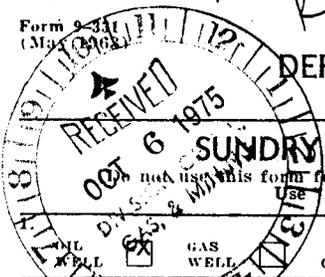
DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
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.)

5. LEASE DESIGNATION AND SERIAL NO.

U-01379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Upper Valley

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Upper Valley Kaibab

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

Sec. 24, T36S, R1E

12. COUNTY OR PARISH

Garfield

13. STATE

UTah

14. PERMIT NO.

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

KB 7218

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(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.)*

- MIRUPU Pull tubing and pump. Rig up BOPE.
- Run scraper to + 6510 to inside running of stimulation packer.
- Perforate K-3 interval @ 6431-6443 - JSPF.
- Set 2 7/8" tubing and Baker ret. pkr. to + 6240.
- Acidize with various mixes and diverting agents.
- Swab back acid treatment.
- Run pump and return to production.
- Clean up area.

APPROVED BY THE DIVISION OF OIL, GAS AND MINING

DATE: 10/16/75

BY: [Signature]

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

SIGNED

[Signature]

TITLE

Production Clerk

DATE

Oct 2, 1975

(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 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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-01379	
2. NAME OF OPERATOR Tenneco Oil Company		6. IF INDIAN, ALIEN OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1860 Lincoln, Suite 1200, Denver, Colorado 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 564 FSL and 927 FEL		8. FARM OR LEASE NAME Upper Valley	
14. PERMIT NO.		9. WELL NO. 4	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7218 KB		10. FIELD AND POOL, OR WILDCAT Upper Valley Kaibab	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, T36E, R1E	
		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:		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 type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" 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.)*

- MIRUPU and pulled tubing & pump.
- Ran in w/scrapper to 6472 KB.
- Perforated K-3 interval 6431'/43' w/2JSPF.
- Set pkr @ 6240.
- Acidized with various treatments.
- Swabbed back acid treatment. Pulled pkr. & tubing.
- Ran 6255' of 2 7/8" OD EUE tbg. and Reda Pump.
- Cleaned up area & returned to production.



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

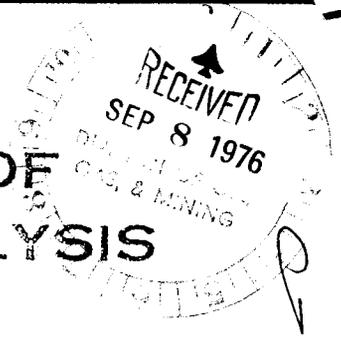
SIGNED [Signature] TITLE Production Clerk DATE 12/10/75

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



REPORT OF WATER ANALYSIS



Company TENNECO OIL COMPANY
ESCALANTE, UTAH
DIST. 15

Date 17-Feb-76
Analysis No. 76V242, D
Sampling Date 2-3-76
Date Sample Rec'd. 2-11-76

Sample Marked TENNECO #4

Upper Valley Unit

Karst formation

SE, SE, Sec. 24, T36S, R1E

DISSOLVED SOLIDS

Cations	mg/l	meq/l	RESULTS AS COMPOUNDS	mg/l
Sodium, Na (calc.)	2320.	101.	as NaCl	
Calcium, Ca	840.	42.0	as CaCO ₃	2100.
Magnesium, Mg	267.	22.0	as CaCO ₃	1100.
Barium, Ba			as BaSO ₄	
Sum of Cations	3420.	165.		
Anions				
Chloride, Cl	3340.	94.0	as NaCl	5500.
Sulfate, SO ₄	1890.	39.4	as Na ₂ SO ₄	2800.
Carbonate, CO ₃			as CaCO ₃	
Bicarbonate, HCO ₃	1900.	31.2	as CaCO ₃	1560.
Sum of Anions	7130.	165.		
Dis. Solids (calc.)	10600.			
Total Iron, Fe	.9	.0	as Fe	.9
Acid to Phen., CO ₂	88.0	2.0	as CaCO ₃	200.

OTHER PROPERTIES

Ph (units) 7.5
Spec. Gravity (g/ml) 1.004
Turbidity (jtu) 11.0

CaCO₃ STABILITY INDEX

@ 70° F.
@ 120° F.
@ 160° F.

Method of Stiff & Davis

3 D. G. HASS
H. E. KING

Remarks:

**NALCO CHEMICAL COMPANY
VISCO CHEMICALS**

P. O. BOX 87 • SUGAR LAND, TEXAS 77478

Operator Change

SL (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
varies

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
020910

7. UNIT AGREEMENT NAME
Upper Valley Unit

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT
Upper Valley - Kaibab

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Townships 36S, 37S; Range 1E

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...
Use "APPLICATION FOR PERMIT—" for

RECEIVED
FEB 01 1988

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Tenneco Oil Company No 950

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

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

14. PERMIT NO.

15. ELEVATIONS (Show whether of, ft., or, etc.)

DIVISION OF
OIL, GAS & MINING

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>Sale of Unit</u>	

(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.)

Tenneco Oil Company has sold its interest to the Upper Valley Unit located in various sections of Township 36S, 37S and Range 1E, 2E. The sale was to Citation Oil and Gas Corp. (16800 Greenspoint Park Drive, Suite 300, Houston, Texas 77060) effective 9/1/87. Attached is a list of unit wells which were sold.

No 265

18. I hereby certify that the foregoing is true and correct
SIGNED Steve Foster TITLE Sr. Administrative Analyst DATE 1/27/88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Tenneco Oil Co. to Citation Oil and Gas Corp.

N0950 to N0265

Eff 9-1-87

UPPER VALLEY UNIT

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DIVISION OF
OIL, GAS & MINING

Upper Valley #1	SE/4NE/4	Sec. 11, T-36-S, R-1-E	43-017-11221 ✓
	Water Injection		
Upper Valley #2	NW/4NW/4	Sec. 13, T-36-S, R-1-E	43-017-16025 ✓
POW/KBAB			
Upper Valley #3	SE/SW	Sec. 13, T-36-S, R-1-E	43-017-16026 ✓
POW/KBAB			
Upper Valley #4	SE/SE	Sec. 24, T-36-S, R-1-E	43-017-16027 ✓
WLW Upper Valley #5	SE/SW	Sec. 12, T-36-S, R-1-E	43-017-16028 ✓
POW/KBAB			
Upper Valley #6	SE/NW	Sec. 13, T-36-S, R-1-E	43-017-20233 ✓
WLW Upper Valley #7	SE/NE	Sec. 24, T-36-S, R-1-E	43-017-20258 ✓
POW/KBAB			
Upper Valley #8	NW/SW	Sec. 13, T-36-S, R-1-E	43-017-20275 ✓
POW/KBAB			
Upper Valley #9	NW/SE	Sec. 24, T-36-S, R-1-E	43-017-20324 ✓
POW/KBAB			
Upper Valley #10	SE/NE	Sec. 25, T-36-S, R-1-E	43-017-30001 ✓
POW/KBAB			
Upper Valley #11	SE/SE	Sec. 25, T-36-S, R-1-E	43-017-30002 ✓
POW/KBAB			
Upper Valley #12	NW/SW	Sec. 6, T-37-S, R-2-E	43-017-30015 ✓
POW/KBAB			
Upper Valley #13	NE/NW	Sec. 24, T-36-S, R-1-E	43-017-30003 ✓
POW/KBAB			
Upper Valley #14	SE/SE	Sec. 11, T-36-S, R-1-E	43-017-30004 ✓
POW/KBAB			
Upper Valley #15	SE/SW	Sec. 24, T-36-S, R-1-E	43-017-30005 ✓
WLW Upper Valley #16	SW/NE	Sec. 11, T-36-S, R-1-E	43-017-30007 ✓
PPA			
Upper Valley #17	SE/NE	Sec. 36, T-36-S, R-1-E	43-017-30011 ✓
POW/KBAB			
Upper Valley #17X	SE/NE	Sec. 36, T-36-S, R-1-E	43-017-30071 ✓
POW/KBAB			
Upper Valley #18	NW/SW	Sec. 31, T-36-S, R-2-E	43-017-30012 ✓
WLW / KBAB			
Upper Valley #19	NW/NW	Sec. 6, T-37-S, R-2-E	43-017-30013 ✓
POW/KBAB			
Upper Valley #20	NW/NE	Sec. 25, T-36-S, R-1-E	43-017-30014 ✓
POW/KBAB			
Upper Valley #21	NW/NW	Sec. 7, T-37-S, R-2-E	43-017-30021 ✓
PPA			
Upper Valley #22	SE/NW	Sec. 14, T-36-S, R-1-E	43-017-30025 ✓
WLW Upper Valley #23	SE/NW	Sec. 30, T-36-S, R-2-E	43-017-30030 ✓
WLW Upper Valley #24	NE/NE	Sec. 23, T-36-S, R-1-E	43-017-30041 ✓
WLW Upper Valley #25	SW/SE	Sec. 36, T-36-S, R-1-E	43-017-30033 ✓

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UPPER VALLEY UNIT (Continued)

DIVISION OF
OIL, GAS & MINING

W1w Upper Valley #26 Pow/KBAB	SW/SW	Sec. 24, T-36-S, R-1-E	<u>43-017-30036</u> ✓
Upper Valley #27 Pow/KBAB	NW/SE	Sec. 7, T-37-S, R-2-E	<u>43-017-30039</u> ✓
Upper Valley #28 Pow/KBAB	NW/NE	Sec. 24, T-36-S, R-1-E	<u>43-017-30032</u> ✓
Upper Valley #29 Pow/KBAB	SW/SW	Sec. 13, T-36-S, R-1-E	<u>43-017-30034</u> ✓
Upper Valley #30 Pow/KBAB	SE/NW	Sec. 24, T-36-S, R-1-E	<u>43-017-30037</u> ✓
Upper Valley #31 Pow/KBAB	SE/NE	Sec. 14, T-36-S, R-1-E	<u>43-017-30042</u> ✓
Upper Valley #32	NW/SE	Sec. 25, T-36-S, R-1-E	<u>43-017-30043</u> ✓
W1w Upper Valley #33	NW/NE	Sec. 36, T-36-S, R-1-E	<u>43-017-30047</u> ✓
W1w Upper Valley #34	SW/NE	Sec. 13, T-36-S, R-1-E	<u>43-017-30065</u> ✓
W1w Upper Valley #36	NW/NE	Sec. 14, T-36-S, R-1-E	<u>43-017-30048</u> ✓

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		5. LEASE DESIGNATION & SERIAL NO. N/A
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	DEC 17 1990	7. UNIT AGREEMENT NAME N/A
2. NAME OF OPERATOR Citation Oil & Gas Corp.		8. FARM OR LEASE NAME N/A
3. ADDRESS OF OPERATOR 8223 Willow Place South, Houston, TX 77070		9. WELL NO.
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 25 miles NE of Escalante, Utah At proposed prod. zone Upper Valley Unit		10. FIELD AND POOL, OR WILDCAT Upper Valley
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 24, T36S, R1E
14. API NO. N/A	15. ELEVATIONS (Show whether DF, RT, GR, etc.) N/A	12. COUNTY Garfield
		13. STATE 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>Oil/Saltwater Spill</u> <input type="checkbox"/>	
(Other) _____		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

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.)

* Must be accompanied by a cement verification report.

On December 10, 1990, at 8:30 A.M. an oil/saltwater spill was discovered at the Satellite Battery for the Upper Valley Field. Cause of the incident was due to exterior corrosion on the 3" production line. Approximately 10 bbls of crude oil and 100 bbls of saltwater were spilled, however, all was contained on location. The spill was caught in the overflow tanks and has been pumped back into the system. No fresh water sources or areas were treated. Approximately 8 bbls of the crude oil and 90 bbls of the saltwater were recovered.

017- 30258 - WIW
30030 - WIW
Water Supply Check
30032 -
16027
20324
30003
30005
30357
30130 - WIW

18. I h

SIG

(T)

AP

CO

Administrative Asst. _____ DATE 12/12/90

DATE _____

*W. J. ...
Dec 24*

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-019379

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:
Upper Valley Unit

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Upper Valley Unit 4

2. NAME OF OPERATOR:
Citation Oil & Gas Corp.

9. API NUMBER:
4301716027

3. ADDRESS OF OPERATOR:
P O Box 690688 CITY **Houston** STATE **TX** ZIP **77269**

PHONE NUMBER:
(281) 517-7800

10. FIELD AND POOL, OR WILDCAT:
Upper Valley Kaibab

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **564' FSL & 927' FEL**

COUNTY: **Garfield**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SESE 24 36S 1E**

STATE: **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input checked="" type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Citation Oil & Gas Corp. requests permission to squeeze a suspected casing leak and return the well to production with the attached procedure.

COPY SENT TO OPERATOR
Date: 10-25-06
Initials: RM

NAME (PLEASE PRINT) Sharon Ward
SIGNATURE Sharon Ward

TITLE Permitting Manager
DATE 10/10/2006

(This space for State use only)

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: 10/24/06
By: [Signature]

Federal Approval Of This
Action Is Necessary

RECEIVED
OCT 11 2006
DIV OF OIL, GAS & MINING

Work Over Procedure:

Comments: 1. The Navajo was squeezed in 1973.

Objective: Squeeze casing leak and RTP.

1. MIRUSU. RU REDA Schlumberger.
2. ND Tree. NU 3M BOP's. TOO H w/ 2-7/8" tubing, standing back and spooling wire. Perform visual inspection of tubing.
3. LD pump and motor and send it in for inspection.
4. RIH and RBP and PKR for 8 5/8" 32 & 36# J-55 casing. Set RBP @ 5505' PU and set packer @ 5500'. Test RBP to 1000 psi for 15 minutes.
5. Navajo formation is located from 2700 to 4800'. Last leak was squeezed with 150 sx cement at 4920'.
6. Isolate casing leak.
7. Once hole is located, establish injection rate and pressure (Monitor 8 5/8" x 13 3/8" annulus). Report results to Chad Stallard. Pressure test casing annulus to determine whether there are any additional leaks up hole.
8. RIH and release RBP and PUH and set 50' below hole in casing and dump 2 sacks sand on top of RBP. Set packer 100' above hole in casing.
9. RU pump company and cement squeeze leak.
10. RDMO pump company. WOC.
11. RIH w/ 7 5/8" bit and drill out cement. Pressure test squeeze perms to 1000# for 15 minutes.
12. If squeeze holds, wash out to RBP and POOH with RBP and packer.
13. RIH w/production.
14. RDMOSU.
15. Place well on production and allow two days for stabilization prior to starting a one week test.

Notes:

- Casing was squeezed in 1973 at 4920'.

List of Citation Contacts

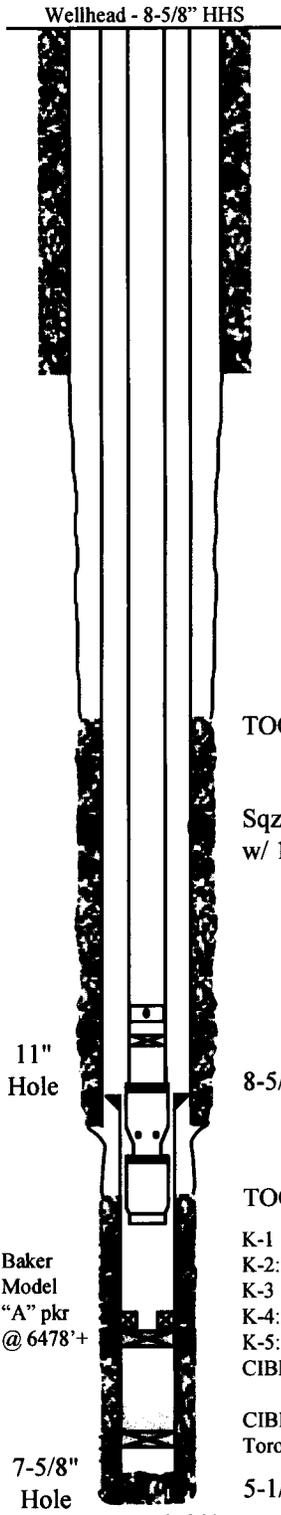
Foreman	Gary Harding	Cell: 435.826.4245
Engineer	Chad Stallard	Office: 281-517-7527 Cell: 713.249.4671

CITATION OIL AND GAS CORPORATION WELLBORE DIAGRAM AND INFORMATION

Well Name: UVU #4 Field: Upper Valley Unit
 Updated: 8/3/99 AWH Location: (SW/SE/SE) Sec. 24-T36S-R1E
 County: Garfield State: Utah
 Current Stat: Active Producer (Sub)

Surface: 564' FSL, 927' FEL (SW/SE/SE)
 Sec. 24-T36S-R1E
 Garfield County, Utah
 Completed: 3/65
 Elevation: Unknown
 KB: Unknown
 API #: 43-017-

Trans: Fact Y-? 3x50 12470/480?3325
 Cable: #4 new round w/ 4 bands/stand



13-3/8" 61&54.5# J-55 @ 2505' w/ 450 sx circ
 (17-1/2" Hole)

TOC @ 4600' (calc)

Sqz'd csg leak @ 4920'
 w/ 150 sx (11/73)

8-5/8" 36# J-55 ST&C (0' - 93') & 32# J-55 ST&C (93' - 4396') & 36# J-55 ST&C (4396' - 6214') & 36# J-55 ST&C (6214' - 6281') & 2' FS & 30' 36# N-80 LT&C & 2.6' Shoe @ 6316' w/ 300 sx

TOC @ 6000' (CBL)

- K-1 6340' - 6356' 2Jspf (Compl&Acid: 5/66, Acid: 10/75)
- K-2: 5382' - 6392' 2Jspf (Compl&Acid: 5/66, Acid: 10/75)
- K-3 6431' - 6443' 2Jspf (Compl&Acid: 10/75)
- K-4: 6474' - 6484' 4Jspf (Compl & Acid: 3/65, Acid 7/71, 6/73, Acid: 10/75)
- K-5: 6569' - 6574' 4Jspf (Compl&Acid&Aband: 3/65, Acid: 10/75)
- CIBP @ 6560'

CIBP @ 6967' w/ 150 sx cmt on top
 Torowear: 7062' - 7068' & 7083' - 7090' 2Jspf (Compl&Acid&Aband: 3/65 w/ CIBP @ 6560')

5-1/2" 17# J-55 liner @ 6110' - 7188' w/ 150 sx

PBTD: 6520'
 TD: 7422'

TUBING/ESP DETAIL

Qty	Description	Length	Depth
	KB	?	?
194	2-7/8" J-55 8rd EUE	6,233.51	
1	Bleeder		
2	2-7/8" J-55 8rd EUE		
1	Check		
2	2-7/8" J-55 8rd EUE		
1	Lift Sub	2.00	
1	XO		
1	Pump Head	0.60	
1	Pump: 110/200 DN 1300	25.40	
1	Intake	1.00	
1	Seal	5.90	
1	Motor: 100 hp 1360V/48A	26.00	
1	BP	1.00	

11"
Hole

Baker
Model
"A" pkr
@ 6478'+

7-5/8"
Hole

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU 019379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
Upper Valley Unit

8. WELL NAME and NUMBER:
Upper Valley Unit 4

9. API NUMBER:
4301716027

10. FIELD AND POOL, OR WILDCAT:
Upper Valley Kaibab

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
Citation Oil & Gas Corp.

3. ADDRESS OF OPERATOR: PHONE NUMBER:
P O Box 690688 CITY **Houston** STATE **TX** ZIP **77269** **(281) 517-7309**

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **564' FSL & 927' FEL** COUNTY: **Garfield**
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SESE 24 36S 1E** STATE: **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input checked="" type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Citation successfully squeezed the casing in the Upper Valley #4 well as follows:
On 10/24/06 started POOH and LD pumps, motor, tubing. PU 7 5/8" bit & scraper. RIH to 6110' top of 5 1/2" liner. POOH and LD bit & scraper. PU & set bridge plug @ 6073'. RIH w/packer to 4975'. Pressure tested to 1000 psi for 15 min. OK Moved pkr to 4846' & tested old sqz to 1000 psi below packer, tested good. Casing leak between 2415' - 2534'. Set pkr to 2210' pressure tested lines to 3000#, csg to 1000#. Pumped 10 bbls FW, pumped 200 sxs Thixotropic Type 5 cement (57) bbls 14.3 ppg @ 2bpm. Would not sqz & pump away. Mixed 150 sxs Neat G cmt 2% cal (30.7 bbls), 15.8 density. Pumped away @ 3 bpm followed w/10 bbls FW @ 3bpm. POOH PU drill bit & collars. NU RIH tagged cmt @ 2265'. Drilled out cmt. Pressure tested to 500 psi for 15 min. OK. Circulated sand off BP. POOH, ND BOP. LD drill collars & bit. Released plug. POOH ND. PU motor & pumps. RIH w/Reda D1400N FL-CT 294 stages w/100 hp motor. Landed assembly. NU WH put well back on production.

NAME (PLEASE PRINT) Sharon Ward TITLE Permitting Manager
SIGNATURE Sharon Ward DATE 11/9/2996

(This space for State use only)

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NOV 17 2006