

FILE NOTATIONS

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

Checked by Chief ..... *PMB*  
Approval Letter .....  
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed *10-14-68* .....

Location Inspected .....

OW..... WW..... TA.....

Bond released

GW..... OS..... PA.....

State or Fee Land .....

LOGS FILED

Driller's Log *11-4-68* .....

Electric Logs (No.) *4* .....

E..... I..... Dual I Lat. *✓*..... GR-N..... Micro.....

BHC Sonic GR. *✓*..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLog..... Others *Sidewall Neutron Density Log*

*Compensated Formation 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  
 Suite 1200 Lincoln Tower Building, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
 750' FSL and 2300' FWL  
 At proposed prod. zone  
NE SE SW

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. unit line, if any)  
 16. NO. OF ACRES IN LEASE  
 2360

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 19. PROPOSED DEPTH  
 6775

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 7174 GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8-5/8	24#	2400	500 Sx
7-7/8	5 1/2"	15.5#	6775	370 Sx

We plan to drill to an approximate TD of 7600, log, run casing as shown above and complete as an oil well. Conduct potential tests.

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE .....

BY .....

*43-017-30005*

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 *Perry M. Lloyd* TITLE District Office Supervisor DATE 8-29-68

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

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.  
 15  
 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  
 12. COUNTY OR PARISH  
 Garfield  
 13. STATE  
 Utah

COMPANY TENNECO OIL COMPANY

Well Name & No. UPPER VALLEY No. 15

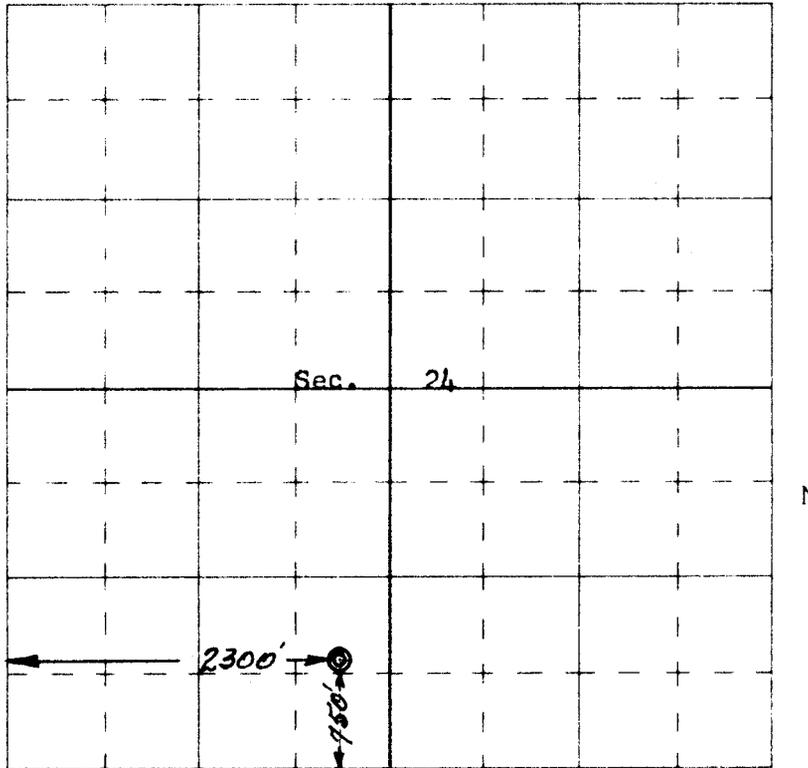
Lease No. \_\_\_\_\_

Location 750 FEET FROM THE SOUTH LINE & 2300 FEET FROM THE WEST LINE

Being in SE SW

Sec. 24, T36 S, R 1 E, S.L.M., Garfield County, Utah

Ground Elevation 7124.8 ungraded



Scale -- 4 inches equals 1 mile

Surveyed 22 August 1968

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.

Seal:

ERNST ENGINEERING CO.  
DURANGO, COLORADO

Registered Professional  
Engineer and Land Surveyor.

Robert H. Ernst  
Colo. PE & LS 4979  
N. Mex. PE & LS 2463

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

PI  
K

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  
1200 Lincoln Tower Building, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 750' FSL and 2300 FWL (SESW) Sec. 24, T36S-R1E  
At top prod. interval reported below  
At total depth

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.  
#15

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

15. DATE SPUNDED 9-4-68 16. DATE T.D. REACHED 9-1-9-68 17. DATE COMPL. (Ready to prod.) 10-14-68 18. ELEVATIONS (DF, EKB, RT, GR, ETC.)\* 7146 KB 19. ELEV. CASINGHEAD 7135'

20. TOTAL DEPTH, MD & TVD 6640' 21. PLUG, BACK T.D., MD & TVD 6590' 22. IF MULTIPLE COMPL., HOW MANY\* -- 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 6398-6494 KAIBAB 25. WAS DIRECTIONAL SURVEY MADE NO 26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, SMP, BSL, FDC, SLC, 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
8-5/8"	24#	2535'	12 1/4"	150 Sx Class C Cement	-
4-1/2"	15.5#	6640'	7-7/8"	200 Sx Class C Cement	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE 2-7/8" DEPTH SET (MD) 6352' PACKER SET (MD) -

31. PERFORATION RECORD (Interval, size and number)  
6398-6438, 6447-52, 6412-15, 6435-38, W/1 Hole/ft 6484-94 2/Holes/ft

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Perforation	2000 Gal 28% Hcl
	2000 Gal Kaibab Crude

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
10-10-68	Pumping - 4 1/2" 120 hp Submersible	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-14-68	24	-	→	832	TSTM	831	TST,
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-	925 PSI	→	832 ✓	TSTM	831 ✓	27.0	

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 Don D. Col TITLE PRODUCTION CLERK DATE \_\_\_\_\_

\*(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 33.

**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 13:** 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	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Navajo	2880'	4925'	Sand and Water
Shinarump	5390'	5500'	Sand - Water
Kaibab	6330'	6640'	Dolomite - Oil

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Navajo	2880'		Same
Chinle	4925'		Same
Shinarump	5390'		Same
Moenkopi	5500'		Same
Kaibab	6330'		Same

2000

PM

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 Upper Valley #15

Operator Tenneco Oil Company Address 1200 Lincoln Tower Building  
Denver, Colorado 80203 Phone 292-9920

Contractor Brinkenhoff Drlg. Company Address Denver, Colorado Phone \_\_\_\_\_

Location NE 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. <u>No Water Encountered</u>			
2. _____			
3. _____			
4. _____			
5. _____			

(Continue on reverse side if necessary)

Formation Tops:

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.

RULE C-20

REPORTING OF FRESH SANDS.

It shall be the duty of any person, operator or contractor drilling an oil or gas well or drilling a seismic, core or other exploratory hole to report to this office all fresh water sands encountered; such report shall be in writing and give the location of the well or hole, the depth at which the sands were encountered and the thickness of such sands, and the rate of flow of water if known.

If no fresh water sands are encountered, it is requested that a negative report to that effect be filed.

Roy PATTERSON. -

ED KELLEY. Geologist

Rod Pickett -

JAN 22 1969

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.

U-019379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Upper Valley Unit

8. FARM OR LEASE NAME

9. WELL NO.

15

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-I-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

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

750' F/SL and 2300' F/WL

14. PERMIT NO.

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

7174 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

Recompletion

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.)\*

Move in service unit pull tubing and BJ M-34 pump. Perforate 6334'-6338' and 6355'-6377' w/1 JSPF, 6422'-6430' w/1 JSPF, 6497'-6516' w/2 JSPF. Acidize 6334'-6516' with 5000 gals of 28% HCL. Set BP at approximately 6545' and packer at 6300' SWAB, pull tubing, BP and packer Re-run tubing and BJ pump, land tubing at approximately 6210 and bottom of motor @ 6270. Return well to production and test.

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE 11-22-71

BY CB Feight

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

SIGNED

*G.A. Ford*

TITLE Sr. Production Clerk

DATE 11-12-71

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TR... CATE\*  
(Other instructi... or re-  
verse side)

Form approved. *BI*  
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.

#15

10. FIELD AND POOL, OR WILDCAT

Upper Valley

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

Sec. 24, T36S, R1E

12. COUNTY OR PARISH | 13. STATE

Garfield

Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Tenneco Oil Company

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

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

750' F/SL and 2300' F/WL

14. PERMIT NO.

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

7174 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 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 type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> <b>Recompletion</b>	

(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 12/11/71/, pulled tubing and BJ pump. Perforated 6330'-34', 6351'-73', and 6418'-26' w/1 JSPF. Perforated 6493'-6512' w/2 JSPF. Acidized with 8000gals of 28% HCL across perforations 6330'-6512',, swabbed. Ran 205 jts of 2-7/8" tubing with BJ pump, landed at 6250'.

Well tested prior to recompletion 250 BBLs oil and 940 BBLs water per day.

Well tested 12/22/71, 166 BBLs oil and 1562 BBLs water per day.

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

SIGNED

*G. A. Ford*

TITLE Sr. Production Clerk

DATE 12/27/71

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



# REPORT OF WATER ANALYSIS

SEP 8 1976

Company TENNECO OIL COMPANY  
ESCALANTE, UTAH  
DIST. 15

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

Sample Marked *Upper Valley Unit*  
TENNECO #15

*Kashak formation*

*SE, SW, Sec. 24, T 36S, R1E*

DISSOLVED SOLIDS			RESULTS AS COMPOUNDS	
Cations	mg/l	meq/l		mg/l
Sodium, Na (calc.)	2400.	104.	as NaCl	
Calcium, Ca	720.	36.0	as CaCO <sub>3</sub>	1800.
Magnesium, Mg	243.	20.0	as CaCO <sub>3</sub>	1000.
Barium, Ba			as BaSO <sub>4</sub>	
Sum of Cations	3360.	160.		
<b>Anions</b>				
Chloride, Cl	3220.	90.6	as NaCl	5300.
Sulfate, SO <sub>4</sub>	1790.	37.3	as Na <sub>2</sub> SO <sub>4</sub>	2650.
Carbonate, CO <sub>3</sub>			as CaCO <sub>3</sub>	
Bicarbonate, HCO <sub>3</sub>	1980.	32.4	as CaCO <sub>3</sub>	1620.
Sum of Anions	6980.	160.		
Dis. Solids (calc.)	10300.			
Total Iron, Fe	.7	.0	as Fe	.7
Acid to Phen., CO <sub>2</sub>	88.0	2.0	as CaCO <sub>3</sub>	200.

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

**CaCO<sub>3</sub> STABILITY INDEX**  
@ 70° F.  
@ 120° F.  
@ 160° F.  
Method of Stiff & Davis

3 D. G. HASS  
H. E. KING

Remarks:

*[Signature]*  
**NALCO CHEMICAL COMPANY  
VISCO CHEMICALS**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate  
(Other Instructions on reverse side)

Form approved,  
Budget Bureau No. 42-P1521

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.

#15

10. FIELD AND POOL, OR WILDCAT

Upper Valley

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

Sec. 24, T36S, R1E

12. COUNTY OR PARISH 13. STATE

Garfield

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

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
1860 Lincoln St., Suite 1200, Denver, Colo. 80295

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

750' FSL and 2300' FWL,

14. PERMIT NO.

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

7174' 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)

(NOTE: Report results of multiple completion on Well Completion or Re-completion 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 propose to acidize this well as follows:

1. Pull pump.
2. Set packer at 6400'
3. Acidize w/2000 gallons of 15% HCL and 400 lbs of BAF.
4. Pull packer.
5. RIH with production equipment.
6. Place well back on production.
7. No additional surface disturbance will be caused by this program.
8. Pump acid back.
9. The acid will be injected into the producing formation.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: August 8, 1977

BY: P. W. Myers



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

SIGNED

P. W. Myers

TITLE Div. Production Manager

DATE

7-28-77

(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 TRIPPLICATE  
(Other instructions on the  
reverse side)

Form approved  
Budget Bureau No. 42-R142

5. LEASE DENIGATION AND SERIAL NO.

U-019379

6. INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

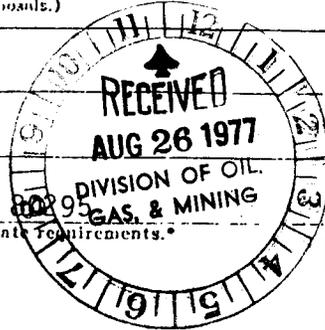
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
1860 Lincoln St., Suite 1200, Denver, Colo. 80293

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface 750 ' FSL and 2300 'FWL



7. UNIT AGREEMENT NAME  
Upper Valley Unit

8. FARM OR LEASE NAME

9. WELL NO.  
15

10. FIELD AND POOL, OR WILDCAT  
Upper Valley

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

Sec. 24, T36S, R1E

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, CR, etc.)  
7174' 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:

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.)\*

We have acidized this well as follows:

- 1. Pulled pump.
- 2. Set packer at 6400'.
- 3. Acidized w/2000 gallons of 15% HCL and 400 lbs of BAF.
- 4. Pulled packer.
- 5. RIH w/production equipment.
- 6. Placed well on production.
- 7. Pumped acid back to be injected into the formation.
- 8. No additional surface disturbance was caused.

Test prior to workover 128 BOPD, 1500 BWPD, 0 MCFPD  
Test after workover 164 BOPD, 2034 BWPD, 0 MCFPD

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

SIGNED [Signature] TITLE Div. General Manager DATE 8-22-77

(This space for Federal or State office use)

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

*Operator Change*

SUBMIT TRIPPLICATE  
(Other instructions on reverse side)

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

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

16. PERMIT NO. \_\_\_\_\_

18. ELEVATIONS (Show whether of, to, or, etc.) \_\_\_\_\_

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 BLK. AND  
SUBSTY OR AREA  
Townships 36S, 37S; Range 1E

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"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input 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

RECEIVED  
FEB 01 1988

UPPER VALLEY UNIT

DIVISION OF  
OIL, GAS & MINING

Upper Valley #1	SE/4NE/4	Sec. 11, T-36-S, R-1-E	43-017-11021 ✓
	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 ✓
(W)W 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 ✓
(W)W 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 ✓
(W)W 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 ✓
(W)W / 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 ✓
(W)W Upper Valley #23	SE/NW	Sec. 30, T-36-S, R-2-E	43-017-30030 ✓
(W)W Upper Valley #24	NE/NE	Sec. 23, T-36-S, R-1-E	43-017-30041 ✓
(W)W Upper Valley #25	SW/SE	Sec. 36, T-36-S, R-1-E	43-017-30033 ✓

RECEIVED  
FEB 01 1988

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> ✓
B1w 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

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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>		<p>5. LEASE DESIGNATION &amp; SERIAL NO. N/A</p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A</p>
<p>2. NAME OF OPERATOR Citation Oil &amp; Gas Corp.</p>		<p>7. UNIT AGREEMENT NAME N/A</p>
<p>3. ADDRESS OF OPERATOR 8223 Willow Place South, Houston, TX 77070</p>		<p>8. FARM OR LEASE NAME N/A</p>
<p>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</p>		<p>9. WELL NO. N/A</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, T36S, R1E</p>
<p>14. API NO. N/A</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) N/A</p>	<p>12. COUNTY 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 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) <input type="checkbox"/>		(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  
20357  
30120 - 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

6. Lease Designation and Serial Number
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement 8910081780
9. Well Name and Number Upper Valley #15
10. API Well Number 430173000500
11. Field and Pool, or Wildcat Upper Valley/Kaibab
County : Garfield State : UTAH

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)
2. Name of Operator Citation Oil & Gas Corp
3. Address of Operator 8223 Willow Place S #250 Houston Tx 77070
4. Telephone Number 713/469-9664
5. Location of Well Footage : QQ. Sec. T., R., M. : SE SE Section 24, T36S, R1E

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Saltwater Spill</u>	

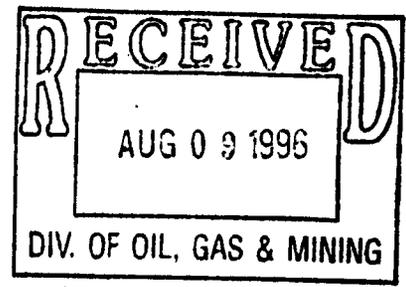
Date of Work Completion 8/5/96

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On August 5, 1996 at 8:45 a.m., a spill occurred on the above referenced lease. External corrosion on a flowline at the entrance to the FWKO bldg caused 500 barrels of saltwater to run over into the sump, then into the pit tanks with the oil skimmer. The pit tanks overflowed into the pit where all 500 barrels were contained. All but 10 barrels were recovered. A 40' section of flowline adjacent to the FWKO bldg was replaced.

*typed 8/6/96*



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

Name & Signature Lee Ann Elsom *Lee Ann Elsom* Title Production Analyst Date 8/5/96  
(State Use Only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. Lease Designation and Serial Number: <b>U-019379</b>
Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		6. If Indian, Allottee or Tribe Name:
1. Type of Well: <b>OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:</b>		7. Unit Agreement Name: <b>Upper Valley Unit</b>
2. Name of Operator <b>Citation Oil &amp; Gas Corp.</b>		8. Well Name and Number: <b>Upper Valley Unit #15</b>
3. Address and Telephone Number: <b>8223 Willow Place South, Suite 250, Houston, Texas 77070-5623 (281) 469-9664</b>		9. API Well Number: <b>43-017-30050 30005</b>
4. Location of Well Footages: <b>750' FSL &amp; 2300' FWL</b> QQ, Sec., T., R., M.: <b>SE SE SEC.24-36S-1E</b>		10. Field and Pool, or Wildcat: <b>Upper Valley/Kaibab</b> County: <b>GARFIELD</b> State: <b>UTAH</b>

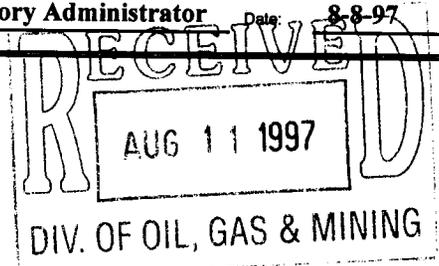
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT <small>(Submit in Duplicate)</small>	SUBSEQUENT REPORT <small>(Submit Original Form Only)</small>
<input type="checkbox"/> Abandonment <input checked="" type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment* <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start <u><b>AUGUST 1997</b></u>	Date of work completion _____  <small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form</small> <small>* Must be accompanied by a cement verification report.</small>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)  
**MIRUSU w/ Spoolers. POOH w/ ESP equipment (look for casing leak indications on tubing). NDWH, NU BOP. RIH w/ 5 1/2" casing scraper to PBD (6590'). POOH w/ casing scraper. CO well with sand pump if necessary. RIH w/ 5 1/2" RBP and packer on production tubing.**  
**Isolate leak interval. Set RBP 50' below leak interval, test to 2000 psi and dump 2 sacks of sand on top. POOH, LD Pkr, PU and TIH w/ Cement retriever. Set cement retainer ± 200' above leak interval. Load and test BS to 1000 psi. Establish injection rate into leak interval. Determine cement volume based on pump in rate. Mix and pump ± 100 sacks Cls G neat w/ 2% CaCL. Do not stage cement into perms. If cement does not squeeze to 1500 psi, overdisplace job. Do not exceed 2100 psi squeeze pressure. Once interval squeezed. Sting out of retenir, reverse out excess cement, WOC. RIH w/ 4 3/4", bih, 6 DC's and drill out cement to RBP, Pressure test casing to 500 psi, 14. POOH TIH w/ scapper to RBP swab test casing for inflow. TOOH, LD scapper, TIH, circulate sand off RBP, Release RBP and TOOH. Return well to production.**

13. Name & Signature: *Sharon Ward* **Sharon Ward** Title: **Regulatory Administrator** Date: **8-8-97**

(This space for State use only)



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

	5. Lease Designation and Serial Number: <b>U019379 (Federal)</b>
	6. If Indian, Allottee or Tribe Name:
	7. Unit Agreement Name: <b>Upper Valley Unit</b>
1. Type of Well: <b>OIL</b> <input checked="" type="checkbox"/> <b>GAS</b> <input type="checkbox"/> <b>OTHER:</b>	8. Well Name and Number: <b>Upper Valley Unit #15</b>
2. Name of Operator: <b>Citation Oil &amp; Gas Corp.</b>	9. API Well Number: <b>43-017-30050 30005</b>
3. Address and Telephone Number: <b>8223 Willow Place South, Suite 250, Houston, Texas 77070-5623 (281) 469-9664</b>	10. Field and Pool, or Wildcat: <b>Upper Valley Kaibab</b>
4. Location of Well Footages: <b>750' FSL &amp; 2300' FWL</b> QQ, Sec., T., R., M.: <b>SE SE Sec. 24, T36S, R1E</b>	County: <b>Garfield</b> State: <b>Utah</b>

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____  Approximate date work will start _____	<input type="checkbox"/> Abandonment* <input checked="" type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____  Date of work completion <u>8/11/97</u>  Report results of <b>Multiple Completions</b> and <b>Recompletions</b> to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form  * Must be accompanied by a cement verification report.
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off

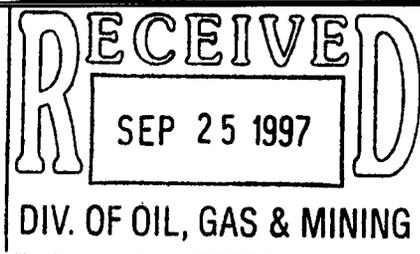
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)  
**On 8/6/97, MIRU, POOH with ESP and RIH with tubing to 4829'. RIH with bit and scraper to 6300' & POOH. RIH with RBP & packer and set RBP @6250', testing to 1000# for 10 minutes. Found leak from 3365' - 3395', 3 bpm - 150 psi. Released packer and POOH to LD RBP retrieving tool. RIH to 3485', dumped 1 sack of sand on RBP and set packer @3160'. Filled annulus and pressure tested to 500#. RU and squeezed leak with 200 sx class "B" Versa Set cement with 2% CaCl, mixed @2 bpm. Achieved walking squeeze - 500 psi. Pressured annulus to 300#, tubing to 280# - held OK. Tested above squeeze to 600 psi - OK. POOH and RIH with bit & DC's. Tagged cement @3162.52', drilled out to 3430'. Tested to 600# - OK. Circulated sand off RPB and TOH, LD DC's. PU RBP retrieving tool and RIH to 6180', swabbed 92 bbls, tagged fluid @4000', no entry. ND BOP, PU, serviced and RIH with ESP. Well on production @4:45 PM on 8/11/97.**

13. Name & Signature: Debra Harris Title: Regulatory Analyst Date: 9/22/97

(This space for State use only)

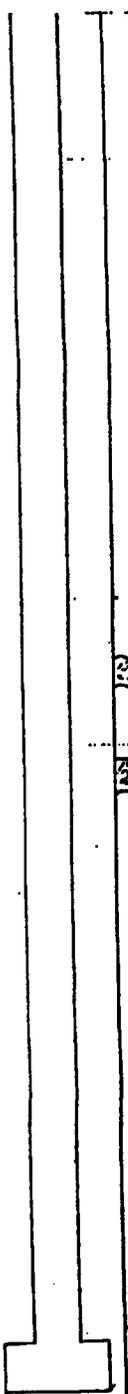
**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

(See Instructions on Reverse Side)



LVL 15  
SE/SW Sec 24-T36S-R1E  
Garfield Co, WY

BC 7-97  
Update 9-97



KB=11 ft

13 7/8" bit

2535' 8 5/8" 24-lb J-55 w/300 sx

7 7/8" bit

3365-95 cog leak 8-97, sps 200 ex B w/Versaset to 500 psi, test 600 psi

4614' cog leak 9-80, sps 200sx to 2000 psi

Tbg: (as of 8-14-97) 204 jts 2 7/8" 6.5-lb 10 rd NUE  
1-4' x 2 7/8" 6.5-lb 10 rd NUE sub  
total 6211 ft

Sub Assembly: (as of 8-14-97)  
328 cty FC 1600 pump  
FSB seal  
144 HP 2250V/42A motor  
#4 F cable

WTS TDC CBL

K-1	6330-34 6334-88	1 spf 1 spf	12-71 11-71
	6351-77	1 spf	12-71
K-2	6398-6400 6418-38	1 spf 1 spf	9-68 9-68 12-71
K-3	6435-38 6447-82	1 spf 1 spf	9-68 9-68
K-4	6484-94 6498-6520	2 spf 2 spf	w/2000 gal 28% 12-71

Acidize all parts w/28% HCl 12-71

6591' PSTD

6640' 5 1/2" 15.5-lb J-55 w/230sx B-68

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

**U 019379 (Federal)**

6. If Indian, Allottee or Tribe Name:

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

**Upper Valley Unit**

8. Well Name and Number:

**Upper Valley Unit # 15**

1. Type of Well:

OIL  GAS  OTHER:

2. Name of Operator

**Citation Oil & Gas Corp.**

9. API Well Number:

**43-017-30050 OS**

3. Address and Telephone Number:

**P O Box 690688, Houston, Texas 77269 (281) 517-7800**

10. Field and Pool, or Wildcat:

**Upper Valley Kaibab**

4. Location of Well

Footages: **750' FSL & 2300' FWL**

County: **Garfield**

QQ, Sec., T., R., M.: **SE SE Sec. 24.T36S, R1E**

State: **Utah**

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

NOTICE OF INTENT

(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start 2002<sup>?</sup>

SUBSEQUENT REPORT

(Submit Original Form Only)

- Abandonment\*
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of work completion \_\_\_\_\_

Report results of **Multiple Completions and Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

**Citation Oil & Gas Corp. requests permission to repair a casing leak with the attached procedure.**

RECEIVED

FEB 0 / 2005

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR

Date: 2-9-05  
Initials: CHD

13.

Name & Signature:

*Bridget Lisenbe*

**Bridget Lisenbe**

Title:

**Regulatory Assistant**

Date:

**2/4/05**

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining

See Instructions on Reverse Side

Federal Approval Of This  
Action Is Necessary

(12192)

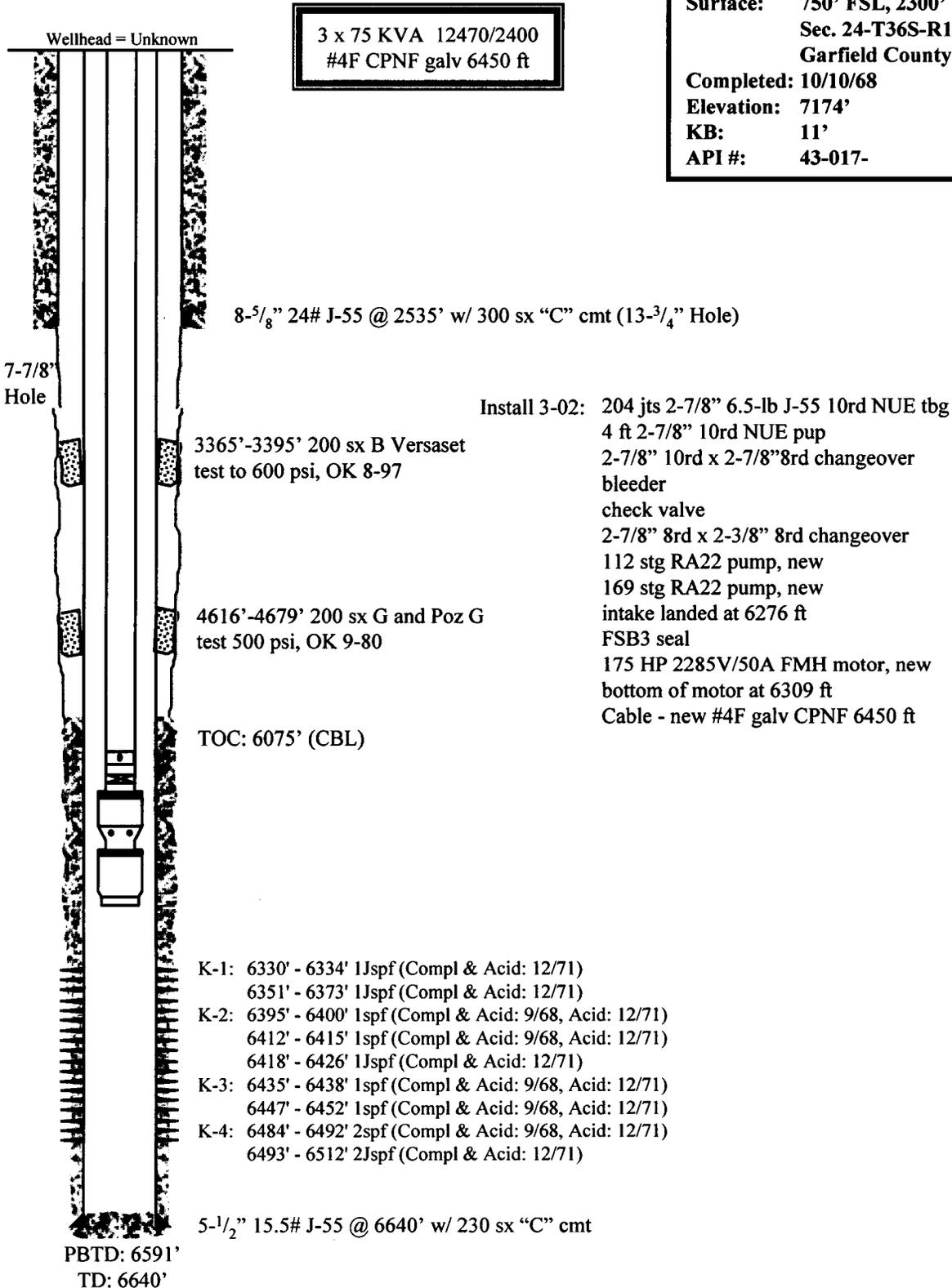
Date: 2/9/05

By: [Signature]

# CITATION OIL AND GAS CORPORATION WELLBORE DIAGRAM AND INFORMATION

Well Name: UVU #15 Field: Upper Valley Unit  
 Updated: 3-19-02 BC Location: (NE/SE/SW) Sec. 24-T36S-R1E  
 County: Garfield State: Utah  
 Current Stat: Producing Oil Well (ESP)

Surface: 750' FSL, 2300' FWL (NE/SE/SW)  
 Sec. 24-T36S-R1E  
 Garfield County, Utah  
 Completed: 10/10/68  
 Elevation: 7174'  
 KB: 11'  
 API #: 43-017-



3 x 75 KVA 12470/2400  
 #4F CPNF galv 6450 ft

8-5/8" 24# J-55 @ 2535' w/ 300 sx "C" cmt (13-3/4" Hole)

7-7/8" Hole

3365'-3395' 200 sx B Versaset  
 test to 600 psi, OK 8-97

4616'-4679' 200 sx G and Poz G  
 test 500 psi, OK 9-80

TOC: 6075' (CBL)

- K-1: 6330' - 6334' 1Jspf (Compl & Acid: 12/71)  
 6351' - 6373' 1Jspf (Compl & Acid: 12/71)
- K-2: 6395' - 6400' 1spf (Compl & Acid: 9/68, Acid: 12/71)  
 6412' - 6415' 1spf (Compl & Acid: 9/68, Acid: 12/71)  
 6418' - 6426' 1Jspf (Compl & Acid: 12/71)
- K-3: 6435' - 6438' 1spf (Compl & Acid: 9/68, Acid: 12/71)  
 6447' - 6452' 1spf (Compl & Acid: 9/68, Acid: 12/71)
- K-4: 6484' - 6492' 2spf (Compl & Acid: 9/68, Acid: 12/71)  
 6493' - 6512' 2Jspf (Compl & Acid: 12/71)

5-1/2" 15.5# J-55 @ 6640' w/ 230 sx "C" cmt

PBTD: 6591'  
 TD: 6640'

Install 3-02: 204 jts 2-7/8" 6.5-lb J-55 10rd NUE tbg  
 4 ft 2-7/8" 10rd NUE pup  
 2-7/8" 10rd x 2-7/8" 8rd changeover  
 bleeder  
 check valve  
 2-7/8" 8rd x 2-3/8" 8rd changeover  
 112 stg RA22 pump, new  
 169 stg RA22 pump, new  
 intake landed at 6276 ft  
 FSB3 seal  
 175 HP 2285V/50A FMH motor, new  
 bottom of motor at 6309 ft  
 Cable - new #4F galv CPNF 6450 ft

**UVU 15 – workover procedure. 1-07-05 BC**

1. MIRU. TOH with ESP. Send ESP in for inspection/testing.
2. TIH with bit and scraper to  $\pm 6350$  KB. TOH.
3. TIH with RBP, squeeze pkr and SN to  $\pm 6200$  ft. Set RBP. Pull one stand, attempt to circulate well with produced water. Set pkr, test RBP to 1000 psi. Pull pkr to 6000 ft, spot 1 sack sand down tbg to cover RBP.
4. Pull pkr to 3700 ft. Set pkr, test above and below pkr for csg leak. Move pkr accordingly to isolate leak. Establish injection rate and pressure into leak.
5. TOH with pkr, LD retrieving head. TIH with pkr to  $\pm 200$  ft above top of csg leak. Squeeze leak. Tentatively plan on 200 sx Class B Versaset with 2% CaCl<sub>2</sub> (based on past history) with 200 sx neat B available. Actual cmt type and volume will be determined by leak conditions. Attempt to obtain walking squeeze of at least 500 psi. If walking squeeze is not obtained, overdisplace past top of leak by  $\pm 7$  bbl. Wait  $\pm 4$  hrs, establish rate and pressure into leak. Squeeze again, cmt volume and type to be determined. When squeeze is obtained, release pkr and reverse circulate clean, reset pkr. WOC overnight.
6. Test squeeze to 500 psi. If test is acceptable, TOH with pkr. TIH with blade bit and 6 – 3/18" DC's. Drill out squeeze, test to 500 psi. TIH to top of sand. TOH. LDDC.
7. TIH with scraper to sand. TOH. TIH with retrieving head. Reverse circulate sand off of RBP. Pull RBP.
8. TIH with same sized ESP. RDMO. RTP.

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

FORM 9

**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.

		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU019379</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: <b>Upper Valley Unit 8910081780</b>
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>Upper Valley Unit 15</b>
2. NAME OF OPERATOR: <b>Citation Oil &amp; Gas Corp.</b>		9. API NUMBER: <b>4301730005</b>
3. ADDRESS OF OPERATOR: <b>P.O. Box 690688</b> CITY <b>Houston</b> STATE <b>TX</b> ZIP <b>77269</b>		PHONE NUMBER: <b>(281) 517-7194</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>750' FSL &amp; 2300' FWL</b>		10. FIELD AND POOL, OR WILDCAT: <b>Upper Valley Kaibab</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESE 24 36S 1E</b>		COUNTY: <b>Garfield</b>
		STATE: <b>UTAH</b>

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: <b>1/25/2005</b>	<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.

MIRU - POOH with tubing and ESP equipment. ND WH / NU BOPE. RIH with bit and scraper to 9417' and TOH. TIH - set RPB @6200' and pkr @6169'. Dumped 1 sx sand on RPB and pulled pkr to 3680'. Isolated leak in casing 3135' - 3195'. Worked packer up to 2465' - could not find top of leak. Set RBP @2948' and tested casing to 1543' - no test. TOH and looked down BOP - found casing had broken free from 8-5/8" WH flange. Cut off 8-5/8" WH and welded on new. RIH with spear and picked up on casing to 71M#. Set casing slips, trimmed casing and installed tubing spool. Pressure tested installation to 1000 psi - OK. Pressure tested casing to 600 psi - OK. Pulled RBP and set pkr @3011'. Pressure tested casing to 500 psi - OK. EIR into leak and pressure tested annulus to 750 psi - OK. Released packer and spotted 80 sx cement. Set pkr and M&P'd 250 sx "B" cement with 2% CACI2 - 125 sx pumped behind leak. Tested squeeze to 500 psi - OK. TIH with bit - tagged cement @3012'. POOH with RBP and RIH with ESP and tubing. Returned well to production 1/25/2005.

NAME (PLEASE PRINT) <b>Debra Harris</b>	TITLE <b>Production/Regulatory Coordinator</b>
SIGNATURE	DATE <b>2/15/2005</b>

**RECEIVED**

**FEB 18 2005**

**DIV. OF OIL, GAS & MINING**

(This space for State use only)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-019379
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> UPPER VALLEY
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> UV 15
<b>2. NAME OF OPERATOR:</b> CITATION OIL & GAS CORP	<b>9. API NUMBER:</b> 43017300050000
<b>3. ADDRESS OF OPERATOR:</b> 14077 Cutten Rd , Houston, TX, 77069	<b>PHONE NUMBER:</b> 281 891-1550 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0750 FSL 2300 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 24 Township: 36.0S Range: 01.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> UPPER VALLEY  <b>COUNTY:</b> GARFIELD  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>8/23/2016</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> <b>TEMPORARY ABANDON</b> <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

Citation Oil & Gas Corp. respectfully requests permission to place the Upper Valley #15 well in TA'd status. Current oil prices do not justify its production at this time. However, once prices recover we can anticipate replacing the pump and returning the well to production. Current fluid level is stable @ 4000', and there is no pressure on the well.

**REQUEST DENIED**  
**Utah Division of**  
**Oil, Gas and Mining**

**Date:** January 05, 2017  
**By:** *Derek Quist*

**Please Review Attached Conditions of Approval**

<b>NAME (PLEASE PRINT)</b> Sarah King	<b>PHONE NUMBER</b> 281 891-1570	<b>TITLE</b> Regulatory Analyst III
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/23/2016	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43017300050000**

**Requirements of R649-3-36 not met. Integrity and good cause not shown. Well has been shut-in over 8 years.**