

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FIL WATER SANDS LOCATION INSPECTED SUB REPORT/abd

+ approved for water injection 6-5-86

DATE FILED 8-2-85

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-019379 INDIAN

DRILLING APPROVED: 8-5-85 - OIL

SPUDDED IN: 8-15-85

COMPLETED: 1-27-86 PUT TO PRODUCING:

INITIAL PRODUCTION: 10 BWPD, 01106 BWPD

GRAVITY A.P.I.

GOR.

PRODUCING ZONES: 6800-6859 Karbar

TOTAL DEPTH: 7140 KB

WELL ELEVATION 7341' GR

DATE ABANDONED:

FIELD: UPPER VALLEY

UNIT: UPPER VALLEY

COUNTY: GARFIELD

WELL NO. UPPER VALLEY UNIT 39

API #43-017-30130

LOCATION 1764' FSL FT. FROM (N) (S) LINE. 1243' FWL FT. FROM (E) (W) LINE. NW SW 1/4 - 1/4 SEC. 24

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
				36S	1E	24	TENNECO OIL CO. E & P

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.	39
10. FIELD AND POOL, OR WILDCAT	Upper Valley
11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA	Sec. 24, T36S, R1E
12. COUNTY OR PARISH	Garfield
13. STATE	Utah

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 E & P WRMD 303-740-4800

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.*)
 At surface 1243' FWL, 1764' FSL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 19.3 miles southwest of Escalante

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	1243'	16. NO. OF ACRES IN LEASE	640 A	17. NO. OF ACRES ASSIGNED TO THIS WELL	160 A
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	1400'	19. PROPOSED DEPTH	+/- 6812'	20. ROTARY OR CABLE TOOLS	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7341' GL

22. APPROX. DATE WORK WILL START*
 ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

RECEIVED
JUL 12 1985
DIVISION OF OIL
GAS & MINING

SIGNED [Signature] TITLE Administrative Supervisor DATE June 14, 1985

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE DISTRICT MANAGER DATE 7/9/85
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

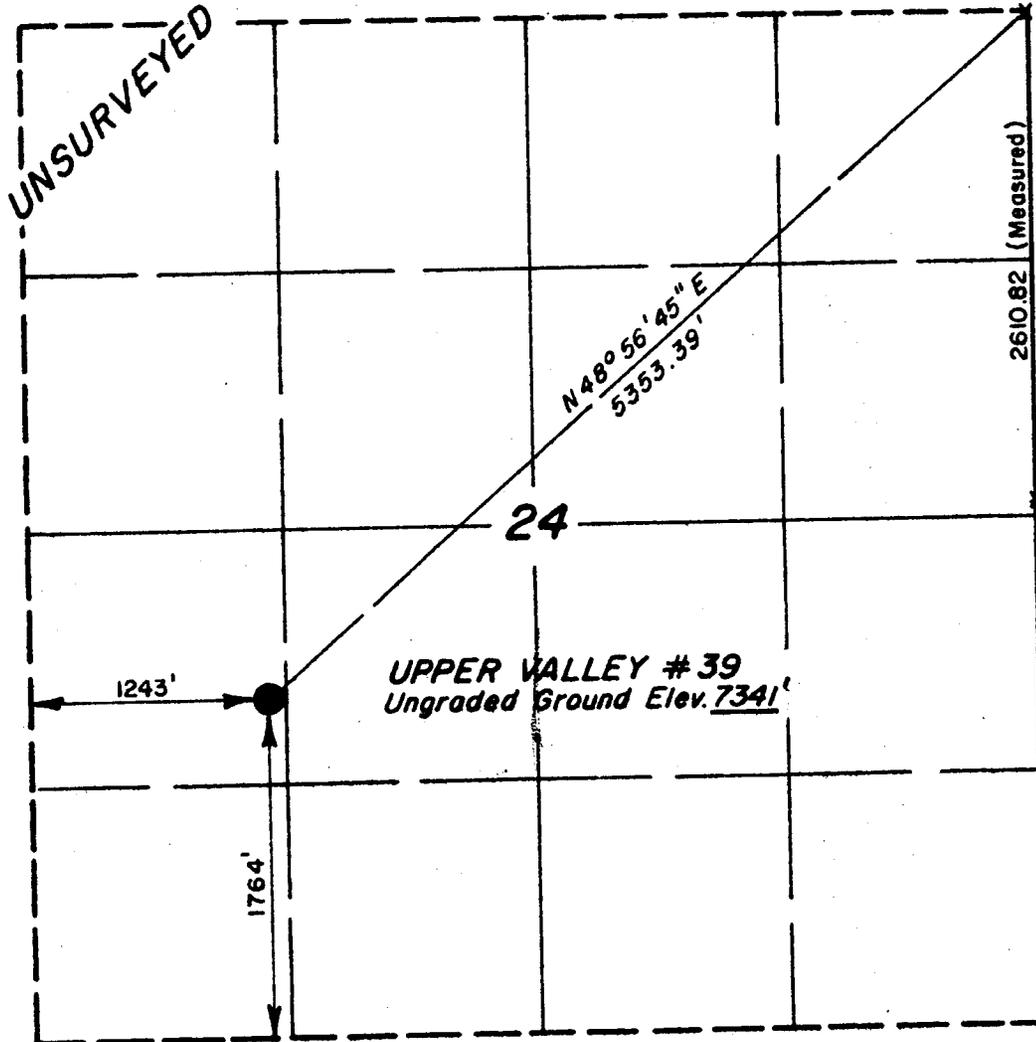
CONDITIONS OF APPROVAL
ATTACHED TO OPERATORS
COPY

FLAIRING OR VENTING
OF GAS IS SUBJECT TO
NTL4-A DATED 1/1/80

T36S, R1E, S.L.B. & M.

PROJECT
TENNECO OIL CO.

Well location, UPPER VALLEY UNIT #39
 located as shown in the NW 1/4 SW 1/4,
 Section 24, T36S, R1E, S.L.B. & M.,
 Garfield County, Utah.



Witness Corner
 X

UPPER VALLEY # 39
 Ungraded Ground Elev. 7341'

X = Located Corners



CERTIFICATE

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.

Aene Stewart
 REGISTERED LAND SURVEYOR
 REGISTRATION NO 3154
 STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING P. O. BOX Q - 85 SOUTH - 200 EAST VERNAL, UTAH - 84078			
SCALE	1" = 1000'	DATE	5/20/85
PARTY	GS, RM, SL	DLS	REFERENCES GLO Plat
WEATHER	Fair	FILE	Tenneco

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company: Tenneco Oil Company Well No: Upper Valley 39
Location: 1764' FSL 1243' FWL Lease No: U-19379
Sec. 24, T.36S., R.1E.

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR 3160), approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned shall be identified in accordance with 43 CFR 3162.6. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 3160-5). Unless the plugging is to take place immediately upon receipt of oral approval, the District Manager must be notified at least 48 hours in advance of the plugging of the well in order that the representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 3160-5) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a followup report on Form 3160-5 should be filed when all surface restoration has been completed and the location is considered ready for final inspection.

4. The spud date will be reported orally to the respective District Manager's office within 48 hours after spudding. If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Office on a frequency and form or method as may be acceptable to the District Manager.

In accordance with NTL-1, this well must be reported on Form 3160-6 "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals Management Service, P.O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Manager. "Sundry Notices and Reports on Wells" (Form 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.4.1. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of the facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Manager.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with Onshore Oil and Gas Order No. 1; VIII. Reports and Activities Required after Well Completion. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cutting, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values are not involved at this location. Accordingly, you must notify the District Manager at least 24 hours prior to commencing field operations to allow this office to have personnel present for consultation during the construction of roads and locations.

The Cedar City District Office Address is:

1579 North Main, Cedar City, Utah 84720
(801) 586-2401

Your contact is: Theron Mitchell
Office Phone: (801) 586-2401
Home Phone (801) 826-4347 or 586-2719

7. Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Manager's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact this office 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communications, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address and telephone number.
 - b. Well name and number.
 - c. Well location ($\frac{1}{4}, \frac{1}{4}$ Section, Township, Range and Prime Meridian).
 - d. Date was placed in a producing status.
 - e. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.
 - f. The OCS, Federal or Indian lease prefix and number of which the well is located, otherwise, the non-Federal or non-Indian land category, i.e. State or private.
 - g. If appropriate, the unit agreement name, number and participating area name.
 - h. If appropriate, the communication agreement number.

SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

1. The Forest Service representative (David Dallison (801) 826-4221) will be notified at least 48 hours prior to any surface disturbing activities associated with new access roads or drill pad location. A representative of the Forest Service will be present before construction activity begins to review and explain surface protection stipulations with the operator and/or dirt work contractor.
2. Tenneco Oil Company shall designate a representative from the company who will be available on site to insure complete compliance with all stipulations. Forest Service and the Bureau of Land Management shall be given the name of the responsible individual.
3. The Tenneco representative shall insure that all individuals working at or near the location are aware of and comply with all applicable stipulations.
4. If subsurface cultural material is exposed during construction, work will stop immediately in that spot and the Escalante Ranger Station will be contacted.
5. The access road will be constructed in accordance with these stipulations and the BLM/FS/GS Surface Operating Standards and Forest Service "Standards for low volume, intermittent use, specified local roads." The access road shall be constructed where flagged with total surface disturbance for the roadbed and drainage confined to a maximum of 18 feet. Drainage across the road shall be provided for at such intervals as to prevent gullying on the downslope side of the road. Road berms shall be pulled in. The road grade should be rolled with the surface of the ground as much as possible to provide natural drainage. Additional specific construction procedures may be provided by the Forest Service representative during construction.
6. Clearing should be kept to a minimum to maintain vegetative screening of the road. The trees cleared (chainsaw only) from the pad area and access road route shall be limited to those whose presence would be significantly detrimental to the efficiency or safety of the operation. Trees shall not be cut along the access route where limbing would provide sufficient clearance. Pad borders will be left irregular to simulate natural terrain and vegetative lines. Trees removed shall be lopped and the slash disposed of in adjacent washes for stabilization. Scattered debris shall be of such size as not to extend from the ground more than 2 feet. Stumps of any trees cut adjacent to the road or pad shall be removed and disposed of as stated above and stump holes filled with material.
7. Cleanup of all trash and debris brought into the area during drilling will be the responsibility of Tenneco Oil Company. Garbage or burn pits will not be allowed. Tenneco shall cooperate with other right-of-way holders along access routes to insure that litter is collected and removed.

8. Reclamation shall include contouring of the pad to blend with land-forms in the general area, redistribution of topsoil and seeding. Seeding shall be accomplished during the period of September to December. A seed mix and seeding method will be provided by the Forest Service with the advent of reclamation.
9. Any production facilities will be painted a single, low gloss, pastel color that will blend with the color of soils, rock or vegetation. Color will be approved by the Forest Service.
10. Upon completion of drilling operations, the Cedar City District Office shall be notified of production and/or reclamation plans so that an inspection may be conducted to determine if mitigating measures in addition to those included in the surface use plan or presented hereby are necessary.

Tenneco Oil
Exploration and Production
A Tenneco Company

6162 South Willow Drive
P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800



Western Rocky Mountain Division

RECEIVED

August 1, 1985

AUG 02 1985

**DIVISION OF OIL
GAS & MINING**

Utah Oil Gas & Mining
355 West North Temple
Three Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attention: Ron Firth

RE: Upper Valley Unit 39
1243' FWL, 1764' FSL
Sec. 24, T36S, R1E
Garfield County, Utah

Gentlemen:

This is a request for administrative approval for an unorthodox oil well located in the Upper Valley Unit.

Due to the extremely rough terrain in the form of mountains and cliffs, and in an effort to limit cuts and fills we are unable to build an orthodox location in the NW/SW 4.

Plats showing the proposed well location and the terrain in Section 24 are attached. Tenneco Oil Company and its partner, Sun Oil Company, own the lease surrounding the wellbore within 640 feet.

We respectfully request your approval of an exemption to the standard well location requirement.

Yours Very Truly,

TENNECO OIL COMPANY

A handwritten signature in cursive script that reads "Scott McKinney".

Scott McKinney
Senior Regulatory Analyst

Attachments

SMc/st

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

12

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL DEEPEN PLUG BACK

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.
39
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
Garfield
13. STATE
Utah

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

2. NAME OF OPERATOR
Tenneco Oil Company E & P WRMD

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.*)
At surface 1243' FWL, 1764' FSL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 19.3 miles southwest of Escalante

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1243'

16. NO. OF ACRES IN LEASE
640 A

17. NO. OF ACRES ASSIGNED TO THIS WELL
160 A

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1400'

19. PROPOSED DEPTH
~~5812'~~ 6812' *White*

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7341' GL

22. APPROX. DATE WORK WILL START*
ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
* 26"	22"	114.8#	+/- 55'	Circ cmt to surface
20"	16"	75#	+/- 500'	Circ cmt to surface
14-3/4"	9-5/8"	36#	+/- 2700'	Circ cmt to surface
8-3/4"	7"	26#	+/- 6812'	2 state - circ cmt to inter. csg.

* See optional protection hole for loss circulation on attached drilling procedure.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

RECEIVED

AUG 02 1985

DATE: 8/5/85
BY: *John R. Bay*
WELL SPACING: *Unit Well A-3*

DIVISION OF OIL
GAS & MINING



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 *[Signature]* TITLE Administrative Supervisor DATE June 14, 1985

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY *M.S. Jensen* TITLE DISTRICT MANAGER DATE 7-9-85
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

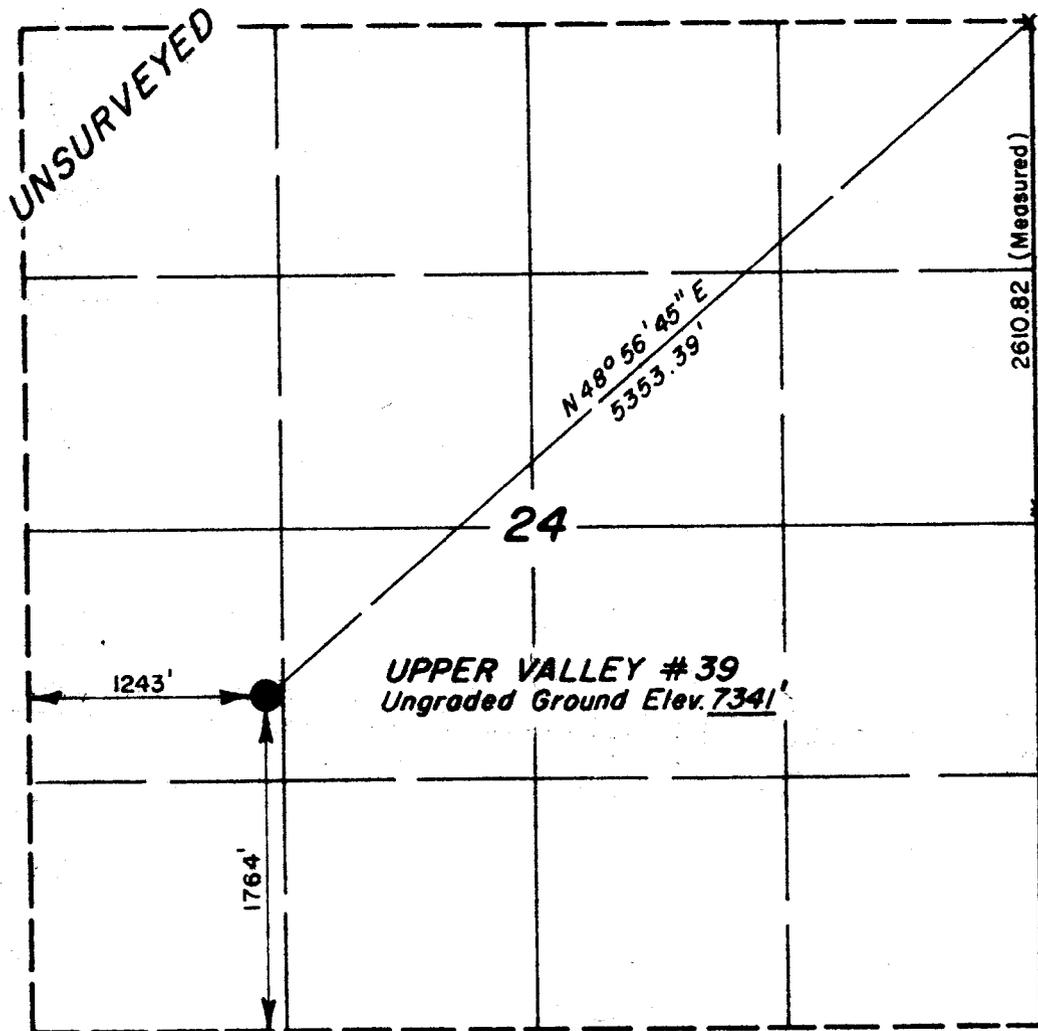
CONDITIONS OF APPROVAL
ATTACHED TO OPERATORS
COPY

FLAIRING OR BURNING
OF GAS IS SUBJECT TO
NTL-4 DATED 1/1/80

T36S, R1E, S.L.B. & M.

PROJECT
TENNECO OIL CO.

Well location, **UPPER VALLEY UNIT #39**
located as shown in the NW 1/4 SW 1/4,
Section 24, T36S, R1E, S.L.B. & M.,
Garfield County, Utah.



Witness Corner
NORTH



RECEIVED

AUG 02 1985

DIVISION OF OIL
GAS & MINING

CERTIFICATE

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.

James Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

X = Located Corners

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 5/20/85
PARTY GS, RM, SL DLS	REFERENCES GLO Plat
WEATHER Fair	FILE Tenneco

TENNECO OIL COMPANY
DRILLING PROGRAM

Upper Valley 39
1764' FSL 1243' FWL Section 24, T36S, R1E
Garfield County, Utah

1. DESTIMATED FORMATION TOPS:

Navajo	3132' K.B.
Chinle	5181' K.B.
Shinarump	5639' K.B.
Moenkopi	5792' K.B.
Timpowep (K-1)	6581" K.B.
K-3	6675' K.B.
K-4	6730' K.B.
White Rim	6812' K.B.
TD	6812' K.B.

2. ESTIMATED TOPS OF ANTICIPATED WATER, OIL AND/OR GAS FORMATIONS:

Navajo	3132' K.B.	Loss Circulation/Water Flows
Timpowep (K-1)	6581' K.B.	Oil and Gas
K-3	6675' K.B.	Oil and Gas
K-4	6730' K.B.	Oil and Gas

Any fresh water zones encountered will be reported and adequately protected. All potentially productive hydrocarbon zones will be cemented using stage equipment if necessary.

3. CONDUCTOR HOLE:

A. Casing Program

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>	<u>String Length</u>
26"	22"	114.8#	B	Plain End	0-55' K.B.	50'

B. Cementing Program

Minimum 100 sxs Redi-Mix, fill to surface

C. Mud Program

<u>Interval</u>	<u>Type</u>
0' - 55' K.B.	Dry Hole Drill

D. Evaluation Program:

<u>Interval</u>	<u>Type</u>
0' - 55' K.B.	No Logs Planned

E. Abnormal Conditions

No abnormal conditions are anticipated.

F. Pressure Control Equipment:

Type: Not Required

G. Auxiliary Equipment: None.

H. Hole Deviation: Maximum allowable deviation at conductor hole T.D. is 0°. 22" conductor pipe should be set vertical.

I. Drilling Procedure: Move in and rig up Dry Hole Rig. Spud 26" hole to 50' G.L. - 55' K.B. Set 50' joint of 22" conductor pipe. Cement with minimum 100 sxs Redi-Mix, fill to surface. Nipple up flow line.

4. OPTIONAL PROTECTION HOLE:

A. Casing Program

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>	<u>String Length</u>
20"	16"	75#	K-55	S.T. & C.	500' K.B.	500'

B. Cementing Program

True hole volume plus 100% excess Class "A" cement to casing depth. Circulate to surface.

C. Mud Program

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
55'-500'	Spud Mud	8.4 - 8.6	45-50	NC

D. Evaluation Program:

<u>Interval</u>	<u>Type</u>
55' - 500'	No Logs Planned

E. Abnormal Conditions

No abnormal conditions are anticipated.

F. Pressure Control Equipment

Type: Grant Model 8068 16 3/4" Rotating head with short drive bushing. 16 3/4" x 2,000 psi, weld on flange. 16 3/4" x 2,000 P.S.I. x 16" mounting flange spool.

Pressure Rating: Rotating head is to be used as a diverter and is not pressure rated.

Testing Procedure: No pressure testing required. Nipple up above pressure control equipment only if 8 3/4" pilot hole does encounter loss circulation to 500' K. B. and 16" casing is run.

G. Auxiliary Equipment:

- 1) A kelly cock will be kept in the string at all times.
- 2) A drill pipe safety valve will be kept on the rig floor at all times.

H. Hole Deviation: Maximum allowable deviation at 500' is 1°.

I. Drilling Procedure:

Drill out 22" conductor with 8 3/4" pilot hole. If loss of circulation occurs to 500' K.B., drill blind 50' below loss zone. Ream 8 3/4" hole to 14 3/4" hole and 14 3/4" hole to 20" hole. Run 16" casing to depth and cement with 100% excess Class "A" cement. Circulate back to surface. Nipple up pressure control equipment on 16" casing. If loss of circulation does not occur to 500' K.B., nipple up pressure control equipment on 22" casing. Ream 8 3/4" hole to 14 3/4" hole and drill to estimated depth of 2700'.

5. SURFACE HOLE:

A. Casing Program

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>	<u>String Length</u>
14 3/4"	9 5/8"	36#	K-55	S.T. & C.	2700' K.B.	2700'
	*1.66"	2.33#	J-55	IJ	2600' K.B.	2600'

*Attached to 9 5/8" csg.

9 5/8" casing to be pressure tested to 1500 P.S.I.

B. Cementing Program

Minimum 785 sxs. Hi-Fill cement lead.
Minimum 580 sxs. Class "A" cement tail-in.
Minimum 100 sxs. Class "A" pumped down 100' at surface.
True hole volume + 100% excess. Circulate to surface.

C. Mud Program

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
55'-2700'	LSND	8.4 - 8.6	45-50	NC

D. Evaluation Program:

<u>Interval</u>	<u>Type</u>
55' - 2700'	No logs planned.

E. Abnormal Conditions

No abnormal conditions are anticipated.

F. Pressure Control Equipment

Type: 11" Double Gate Hydraulic with 11" Hydril and 11" Shorty rotating head; equipped with 2" choke manifold, 11" x 11" drilling spool and 9 5/8" x 11" weld on casinghead.

Pressure Rating: 3,000 P.S.I. BOP and Hydril, rotating head, 3,000 P.S.I. choke manifold, 3,000 P.S.I. casinghead.

Testing Procedure: BOP's, choke manifold, drilling spool and casinghead to be tested to 3,000 P.S.I. Hydril to be tested to 1,500 P.S.I. Dual welds on casinghead to be tested at 1,000 P.S.I.

Fill line will be 2", kill line will be 2", choke line will be 3", relief line will be 3".

BOP - drills and test will be recorded in the drillers log. Pipe rams and Hydril will be operationally checked each 24-hour period and blind rams will be checked each trip. BOP and Hydril will be tested a minimum of every thirty days. The choke manifold and BOP rods with handwheels will be located outside the sub-structure. The hydraulic closing unit will be located at least 100 feet from the wellhead in the accumulator house, with a remote control unit on the rig floor. The accumulator will be sized to fully close the ram BOP's and Hydril with the charge pumps out of service while maintaining an operating pressure of 200 P.S.I. above precharge. Also, a 50% safety factor is required to compensate for fluid loss in the control system of BOP's and Hydril.

G. Auxiliary Equipment:

- 1) A kelly cock will be kept in the string at all times.
- 2) A drill pipe safety valve will be kept on the rig floor at all times.

H) Hole Deviation:

Maximum allowable deviation at 2700' is 3° maximum rate of change is 1° per 100'.

I) Drilling Procedure:

Drill 14 3/4" to 2700'. Run 9 5/8" casing to 2700' with 1.66" O.D. parasite string attached at 2,600'. Cement with 100% excess Hi-Fill and Class "A" cement. Circulate back to surface. Do top job down 1", if cement does not circulate. Nipple up casinghead, BOP's, choke manifold and rotating head on 9 5/8" casing. Pressure test pressure control equipment.

6. PRODUCTION HOLE:

A. Casing Program

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>	<u>String Length</u>
8 3/4"	7"	26#	K-55	S.T. & C.	0-6812 KB	6812'

B. Cementing Program

First Stage: Minimum 480 sxs. expanding cement to sufficiently cover all potentially productive hydrocarbon zones.

Second Stage: Stage tool at 5400'; fill-up to 2500'. Minimum 270 sxs. Hi-Fill cement, lead. Minimum 50 sxs. Class "H" cement, tail.

C. Mud Program

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
2700'-6812'	LSND	8.4 - 8.6	35-40	10-15 cc/30 min.

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions. Inventory will not be less than the required amount to equal the active system capacity.

D. Evaluation Program:

Logs: 1) SP-GR-DIL-MICRO SFL- 2700' to T.D.
 2) GR-FDC-CNL-CAL - 2700' to T.D.
 3) GR-BHC-Sonic - 2700' to T.D.

Note: Run one GR to surface, run all other logs T.D. to 9 5/8" shoe.

Cores: No cores planned.

Samples: 10' intervals 5600' to T.D.

D.S.T.: None anticipated.

Stimulation: No stimulation has been formulated. Notification will be made by "sundry notice" prior to any completion activity.

E. Abnormal Conditions

No abnormal conditions or pressures are anticipated. Maximum anticipated bottom hole pressure equals 2,300 P.S.I. There is evidence of H₂S during the production phase of operations. H₂S monitoring equipment and safety equipment will be provided during drilling operations from 5000' to T.D. See attached contingency plan.

F. Auxiliary Equipment:

- 1) A kelly cock will be kept in the string at all times.
- 2) A drill pipe safety valve will be kept on the rig floor at all times.

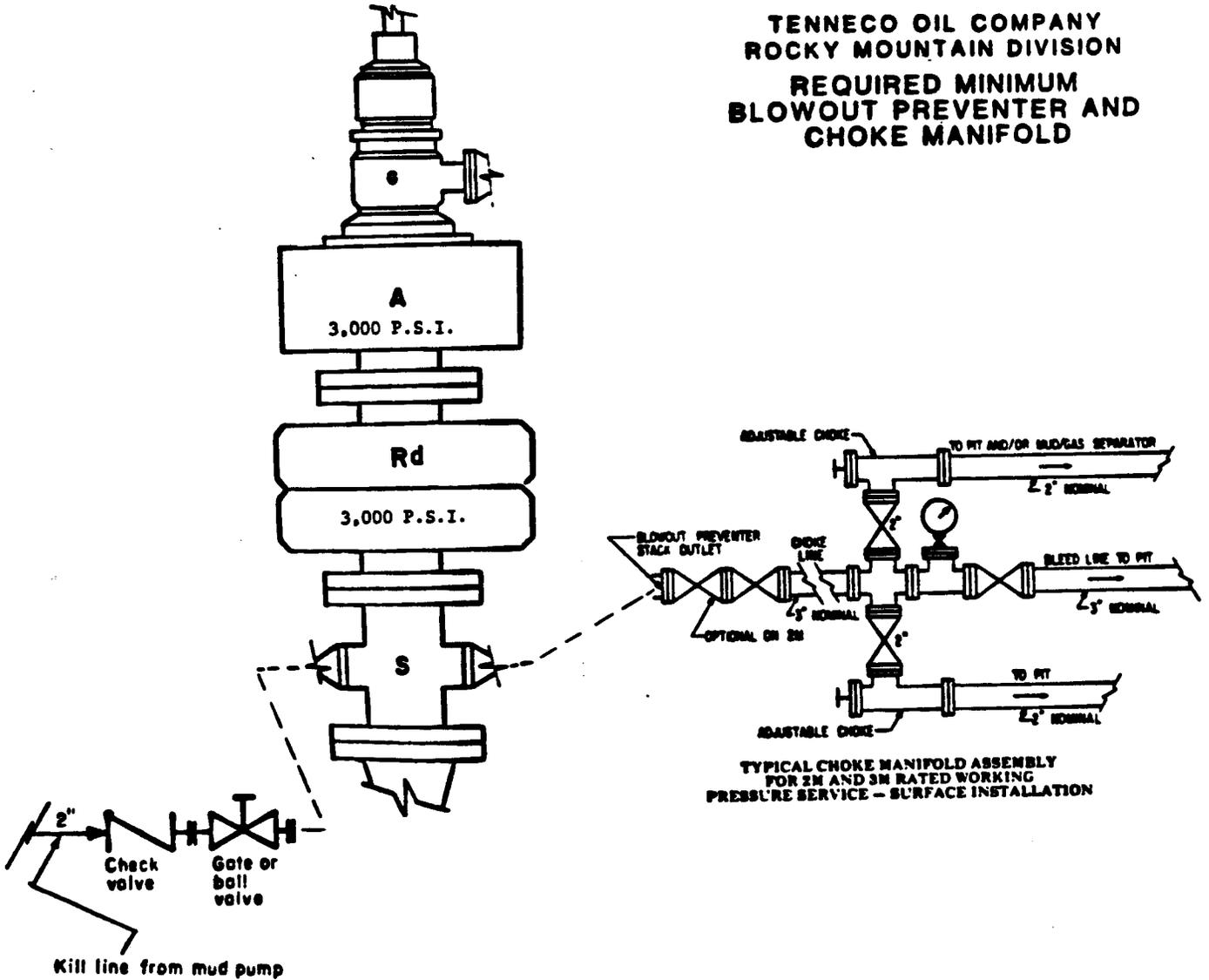
G. Hole Deviation:

Maximum allowable deviation at production hole T.D. is 7°.
Maximum rate of change is 1° per 100 '.

H. Drilling Procedure:

Drill 8 3/4" hole to proposed T.D., utilizing parasite string attached to the outside perimeter of the 9 5/8" casing to reduce hydrostatic head and maintain circulation. Run logs as per procedure. Run 7" casing to T.D. and cement in two stages with D.V. tool at 5400'. Nipple down BOP's and set 7" slips. Nipple up wellhead and release rig.

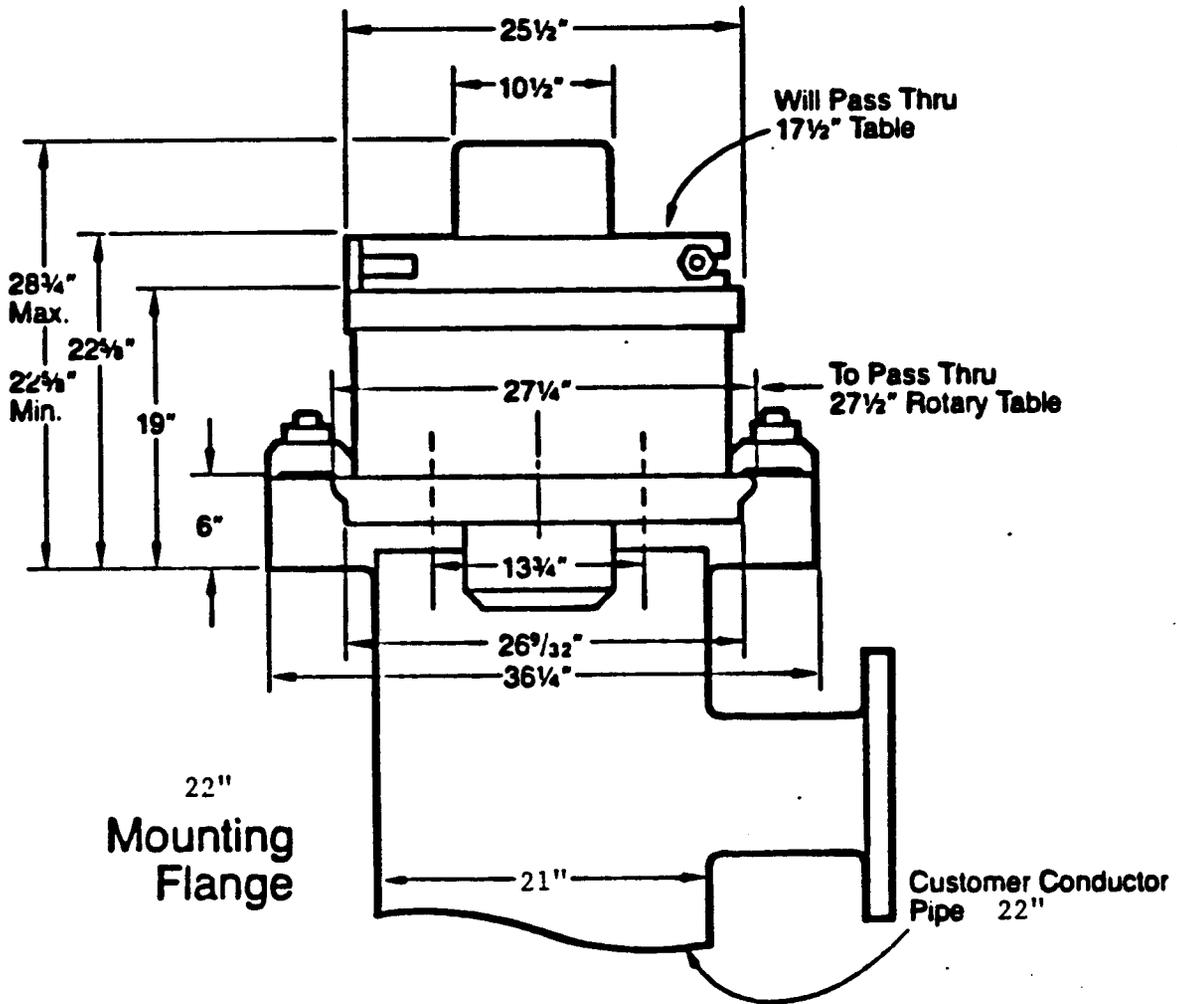
**TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
REQUIRED MINIMUM
BLOWOUT PREVENTER AND
CHOKE MANIFOLD**



**TYPICAL CHOKE MANIFOLD ASSEMBLY
FOR 2M AND 3M RATED WORKING
PRESSURE SERVICE - SURFACE INSTALLATION**

- All equipment to be 3,000 psi working pressure except as noted.
- Rd Double ram type preventer with two sets of rams.
 - R Single ram type preventer with one set of rams.
 - S Drilling spool with side outlet connections for choke and kill lines.
 - A Annular type blowout preventer.
 - G Rotating Head, to be used as a diverter.

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION

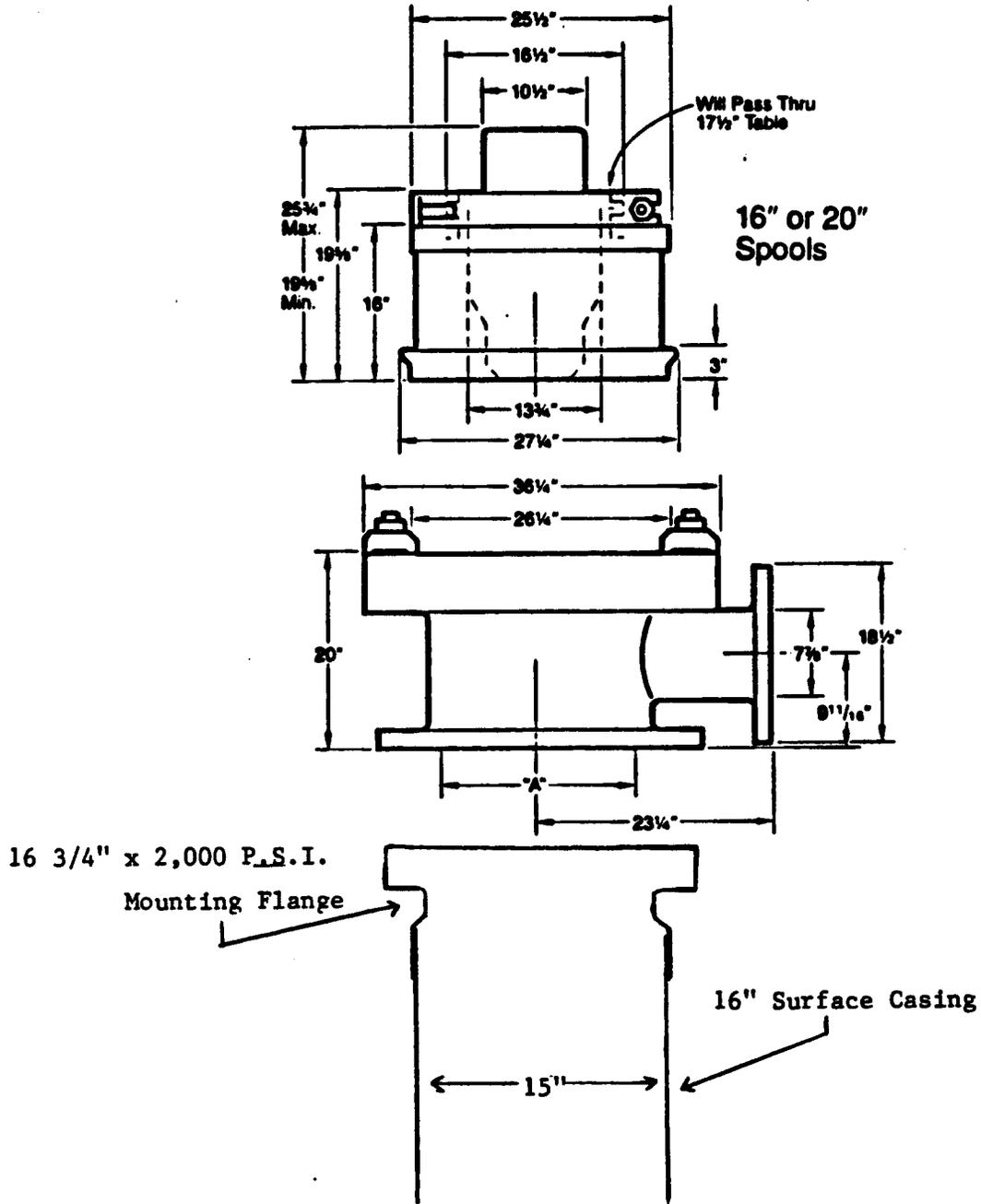


GRANT ROTATING HEAD

MODEL 8068

Mounted on 22" Conductor Casing

**TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION**



GRANT ROTATING HEAD

MODEL 8068

Mounted on 16" Surface Casing

COMPLETION PROCEDURE: UPPER VALLEY UNIT #39

1. MIRUSU. NDWH. NUBOPE.
2. Single in hole w/2-7/8" tbg, bit & scraper.
3. DO cmt inside csg to 30' below btm of K-4 zone. PT csg to 3000 psi. Roll hole w/2% KCL wtr.
4. POOH w/tbg, bit & scraper.
5. RU wireline & perf K-4 interval w/4" premium charge casing gun with 4 jspf.
6. RIH w/tbg & pkr. Set pkr \pm 60' above top perf & acidize dn tbg w/5000 gal 15% HCL.
7. Swab back acid load.
8. POOH w/tbg & pkr. Rih w/tbg & E.S.P.
9. P.O.P. RDMOSU.

TENNECO OIL COMPANY - 10 POINT PLAN

1. The geological name of the surface formation: Straight Cliffs
2. & 3. Estimated formation tops: (see attached Drilling Procedure)
4. Proposed Casing Program: (see attached Drilling Procedure)
5. Blowout Preventors:
 Hydraulic double ram. One set of rams will be provided each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2", kill line will be 2", choke relief line will be 3". BOP's, drills and tests will be recorded in the driller's log. BOP will be tested every 24 hours and recorded in IADC log.
6. Mud Program: (Sufficient quantity of mud and weight material will be available on location). (see attached Drilling Procedure)
7. Auxiliary Equipment:
 - a. Kelly cock will be in use at all times.
 - b. Stabbing valve to fit drill pipe will be present on floor at all times.
 - c. Mud monitoring will be visual. No abnormal pressures are anticipated.
 - d. No floats at bits due to under-pressured formations.
 - e. Drill string safety valve(s) to fit all pipe in drill string will be maintained on the rig floor while drilling operations are in progress.
8. Coring, logging, and testing program: (see attached Drilling Procedure)
9. No abnormal pressures, temperatures or potential hazards such as H₂S are expected to be encountered. H₂S monitoring and safety equipment will be provided during drilling operations.
10. The drilling of this well will start approximately (ASAP) and will continue for 25 to 30 days.

Your office will be notified of spudding in sufficient time to witness cementing operations. Immediate notice will be given on blowouts, fires, spills, and accidents involving life threatening injuries or loss of life. Prior approval will be obtained before appreciably changing drilling program or commencing plugging operations, plug back work, casing repair work or corrective cementing operations. ✓

I. Existing Roads

- A. Proposed Well Site Location: See Exhibits #1, 2, and 3
- B. Planned Access Route: Proceed southwest out of Escalante on State Highway 12 for 13.7 miles. Turn southeast on Liston Flats Road and proceed 4.31 miles. Turn northeast and go .7 miles to proposed location.
- C. Access Road Labeled:
Color Code: Red - Existing State Highway
Blue - Existing improved road - (County)
Yellow - New proposed access road
- D. Not applicable, the proposed well is a development well.
- E. The existing roads are shown in Exhibit #2. Dixie National Forest will be contacted prior to using forest roads.
- F. Existing Road Maintenance or Improvement: The existing road will not require improvement. However, this road, along with the new access road, may require occasional grading to return the road surface to a cross section necessary for proper drainage. If grading is required, Forest Service will be contacted.

II. PLANNED ACCESS ROUTE

- A. Route Location - See Exhibits 1, 2, and IB

The planned new access route was selected to provide the shortest distance to the well site with acceptable grades from the main connector road. Temporary access will be built initially. If the facility is productive, the temporary road will be improved as follows:

- 1. Width: The average dirt width will be eighteen feet. The average traveled surface width will be fourteen feet. Road construction will be in accordance with the U. S. Forest Service Standards.
- 2. Maximum Grades: Grades will be kept to a minimum using all available engineering techniques. We will construct safe and passable grades that use existing topographic and surface geologic conditions. Maximum grade of new access will be less than 10%, averaging 8%.
- 3. Turnouts: Will be required on access road per Forest Service specifications.

4. Drainage Design: Prior to construction of the new access road, the brush and topsoil will be windrowed to each side of the alignment outside construction limits. The subgrade surface will be a minimum elevation of one foot above ditch grade. The road surface will be center crowned and the inslopes will have a maximum slope of 3:1 and full slopes will be a maximum of 2:1. Tenneco will contact the BLM and Forest Service agencies at least 24 hours prior to commencing construction of the access road and pad. Construction activity will cease when soils of road and well pad surface become saturated to a depth of 3 (three) inches or more unless otherwise approved by SMA (FS). During the summer and periods of dry weather, dust will be abated using water or other Resources Manager approved method.
5. Culverts Use, Major Cuts and Fills: Culverts will be placed as needed and suggested by the Forest Service.
 - Max: cut - will be to a minimum
 - Max: fill - will be to a minimum
6. Surfacing Material: The proposed permanent access road will be constructed with native material.
7. Gates, Cattlegaurds, Fence Cuts: Not needed.
8. New portion of road will be center flagged and built along line flagged for pre-drill inspection.

III. LOCATION OF EXISTING WELLS

The proposed well is a development well. Exhibit A shows existing wells within a one mile radius.

- A. Water Wells: water well source for polymer injection at UV #15
- B. Abandoned Wells: None
- C. Temporarily Abandoned Wells: None
- D. Disposal Wells: UV Unit #2
- E. Drilling Wells: None
- F. Producing Wells: See Exhibit A, UV Unit 9, 15, and 30
- G. Shut-In Wells: None
- H. Injection Wells: UV Unit #26
- I. Monitoring or Observation Wells: None

IV. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. Existing facilities within one mile owned or controlled by Lessee/Operator:
 1. Tank batteries - none
 2. Production facilities - Polymer Injection Plant, 1 mile
 3. Oil gathering lines - none
 4. Gas gathering lines - None
 5. Injection lines - UV Unit #26; 1/2 mile
 6. Disposal lines - none
 7. Water lines - none

B. New facilities in the event of production:

1. New facilities may consist of a wellhead, transformer bank and control panel, all of which would remain within the disturbed area. Exhibit B shows our most typical arrangement of for this area as well as dimensions.
2. All permanent facilities will be painted per Forest Service specifications to blend in with surrounding environment.
3. Construction will be to strip the topsoil and level drilling pad. Construction methods will be employed to assume that no drainage flows are impounded to prevent the loss of any hydrocarbon from the site. This is to be done in a manner to facilitate rapid recovery and clean up.
4. Protective measures for wildlife and livestock: Pits will be fenced on 3 (three) sides during drilling and on 4 (four) sides after completion to prevent entry of livestock or wildlife in the following manner; four strand barbed wire with metal posts.

C. Plan for rehabilitation of disturbed areas no longer needed for operations after construction completed.

Upon completion of well, areas required for continued use will be graded to provide drainage and minimize erosion. Those areas not required for continued usage will be graded to provide drainage and minimize erosion. Those areas unnecessary for use will be graded to blend with the surrounding topography. Topsoil will be replaced on those areas and seeded according to Forest Service specifications.

V. LOCATION AND TYPE OF WATER SUPPLY

- A. The water source is located in the S/2 S/2 Sec. 24, T36S, R1E which is currently supplying water for the polymer injection facility.
- B. Water Transportation System: Water to be hauled in trucks from the polymer injection facility over existing roads.

VI. SOURCE OF CONSTRUCTION MATERIALS

- A. Materials: Construction materials will consist of soil encountered with the boundaries of the proposed site.
- B. Land Ownership: The planned site and access roads lie on Federal land administered by the United States Department of Interior, U.S. Forest Service.
- C. Materials Foreign to Site: N/A
- D. Access road shown under Exhibit 2

VII. METHODS OF HANDLING WASTE MATERIAL DISPOSAL

- A. Cuttings: Will be contained within the limits of the reserve pit.
- B. Drilling fluids: Will be retained in the reserve pit.
- C. Produced fluids: No substantial amount of water is expected. The amount of hydrocarbon that may be produced while treating will be retained in the reserve pit. Prior to clean up operations, the hydrocarbon materials will be skimmed or removed as the situation would dictate.
- D. Sewage: Sanitary facilities will consist of at least one chemical toilet and septic tank for trailer and after completion of operations, the sewage will be removed and disposed of by subcontractor and hauled by truck to a sanitary land-fill.
- E. Garbage: The small amount of refuse will be contained in a trash cage until operations are completed and then will be disposed of at a legal and environmentally safe location. No burning of trash will be conducted.
- F. Clean-up of well site: After drilling, the surface of the drill pad will be cleaned and graded to accommodate a completion rig. The mouse hole and rat hole will be backfilled to prevent injury and hazard to livestock and personnel. Reserve pit will be fenced until dry and then will be backfilled using native materials except topsoil, and contoured to natural terrain.

VIII. ANCILLARY FACILITIES:

None required

IX. WELLSITE LAYOUT

- A. See Exhibits - 3
 - 1. Location of pits: Exhibit 3
 - 2. Rig Orientation: Exhibit 3
- B. Pits will be unlined, unless otherwise required.

X. PLANS FOR RESTORATION OF SURFACE

- A. Reserve Pit Cleanup: The pit will be fenced prior to rig release and shall be maintained until cleanup. Prior to backfill operation, any hydrocarbon material on the pit surface will be removed. The fluids and solids contained in the pit shall be backfilled with soil excavated from the site and with soil adjacent to the reserve pit. The restored surface of the reserve pit will be contoured to prevent impoundment of any drainage flows. The gradient of the surface will be maintained to prevent sudden acceleration of drainage flows which could cause continued erosion of the surface. Following backfill completion, topsoil removed from the disturbed areas will be replaced in a uniform layer. The reserve pit will be seeded per Forest Service recommendation during the appropriate season following final restoration of the site.

- B. Restoration Plans - Production Developed: The reserve pit will be backfilled and restored as described under Item A. In addition, those disturbed areas not required for production will be graded to blend with the surrounding topography. Topsoil will be placed on these areas and seeded. The portion of the drill pad required for production and turning areas will be graded to minimize erosion and provide access to production facilities under inclement conditions. Following final improvement and surfacing of that portion of new access road, the topsoil windrowed to each side of the alignment will be placed on the cut slopes. Following depletion and abandonment of the site, restoration procedures will be those that follow under Item C.
- C. Restoration Plans - No Production Developed: Of course the reserve pit will be restored as described above. With no production developed, the entire surface disturbed by construction of the drilling pad will be restored to its natural terrain and reseeded per Forest Service requirements.

XI. OTHER INFORMATION

- A. Surface Description: The project area is located approximately thirteen miles southwest of the town of Escalante in the vicinity of Willow Creek. The general terrain in the area consists of moderately dissected ridges and narrow, usually steep, valleys. The well pad is located on a small bench-like feature and relatively steep ridge slopes. The access road traverses ridge slopes for its entire length.

Sediments consist primarily of gravel sized residual sandstone overlying shallow reddish brown sandy loam deposits. The amount of gravel present make for a desert pavement-like surface over much of the area. Friable sandstone outcrops are also present in places. Gravel to small boulder sized colluvium is found throughout most of the access route. Alluvial sand is present at the south ends of the access and flow line.

Vegetation is primarily a pinyon-juniper plant community, although ponderosa are present in sheltered areas. Species represented include pinyon, juniper, ponderosa, bitterbrush, serviceberry, oakbrush, buffaloberry, and a very few grasses and annuals. There is almost no understory of composites.

There are no sources of permanent water in the project area.

- B. Other Surface-Use Activities: The surface is federally owned and managed by the Forest Service. The predominant surface use is mineral exploration and production, logging and minimal grazing activity.
- C. Proximity of Water, Dwelling, Historical Sites:
1. Water: Water well 1/2 mile
 2. Occupied Dwellings: Not existing

3. Historical Sites: An archaeological reconnaissance has been performed for this location and report is on file with the appropriate USGS/BLM offices.

XII. OPERATOR'S REPRESENTATIVE

Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

Charles Jenkins
P. O. Box 3249
Englewood CO 80155
(303) 740-2575

Ted McAdams
P. O. Box 3249
Englewood, CO 80155
(303) 740-2576

Scott McKinney
P. O. Box 3249
Englewood, CO 80155
(303) 740-2594

XIII. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Tenneco Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

DATE: _____

6-17-85



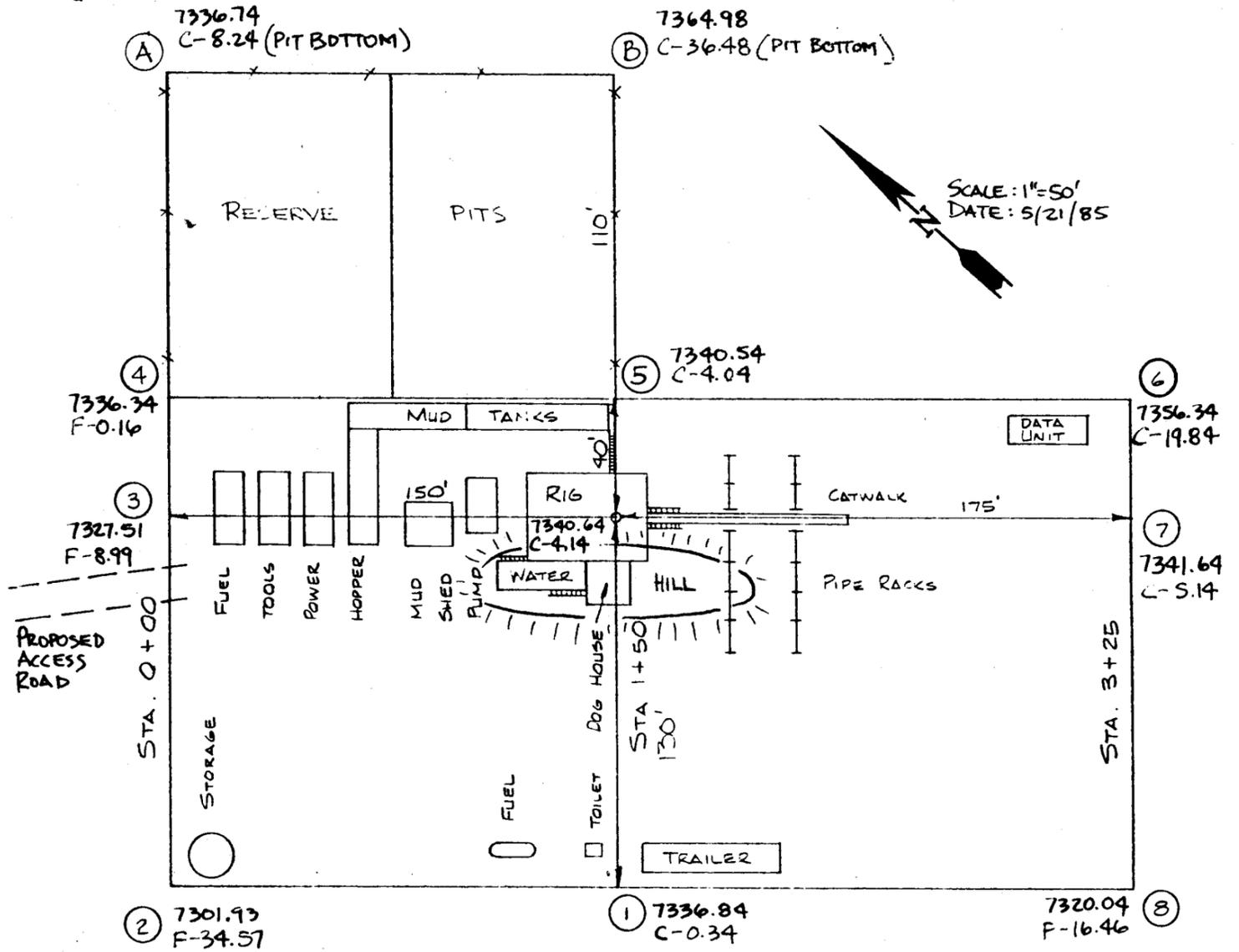
RECEIVED

AUG 02 1985

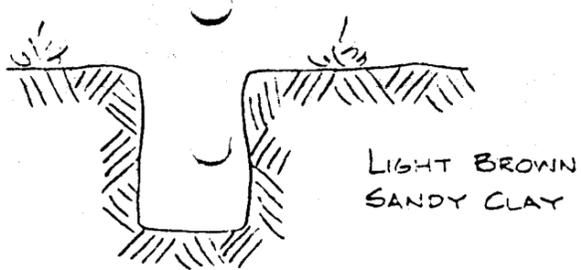
DIVISION OF OIL
GAS & MINING

TENNECO OIL CO.
UPPER VALLEY #39

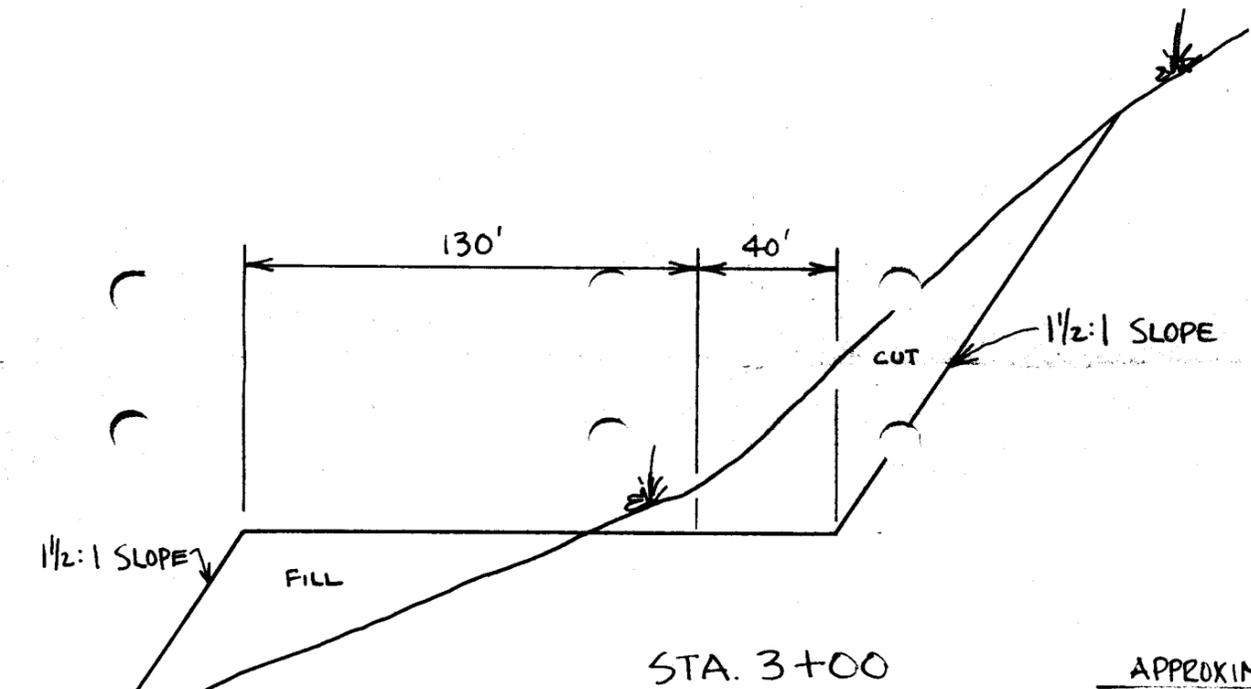
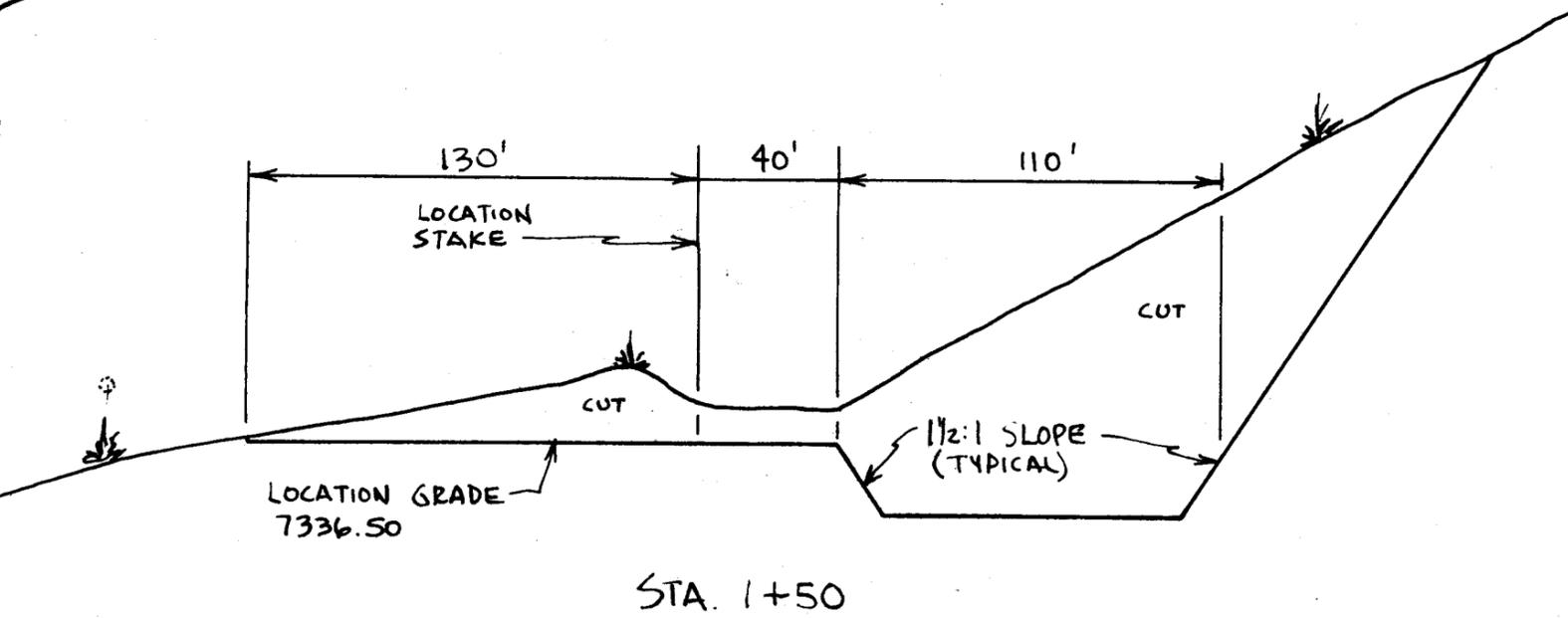
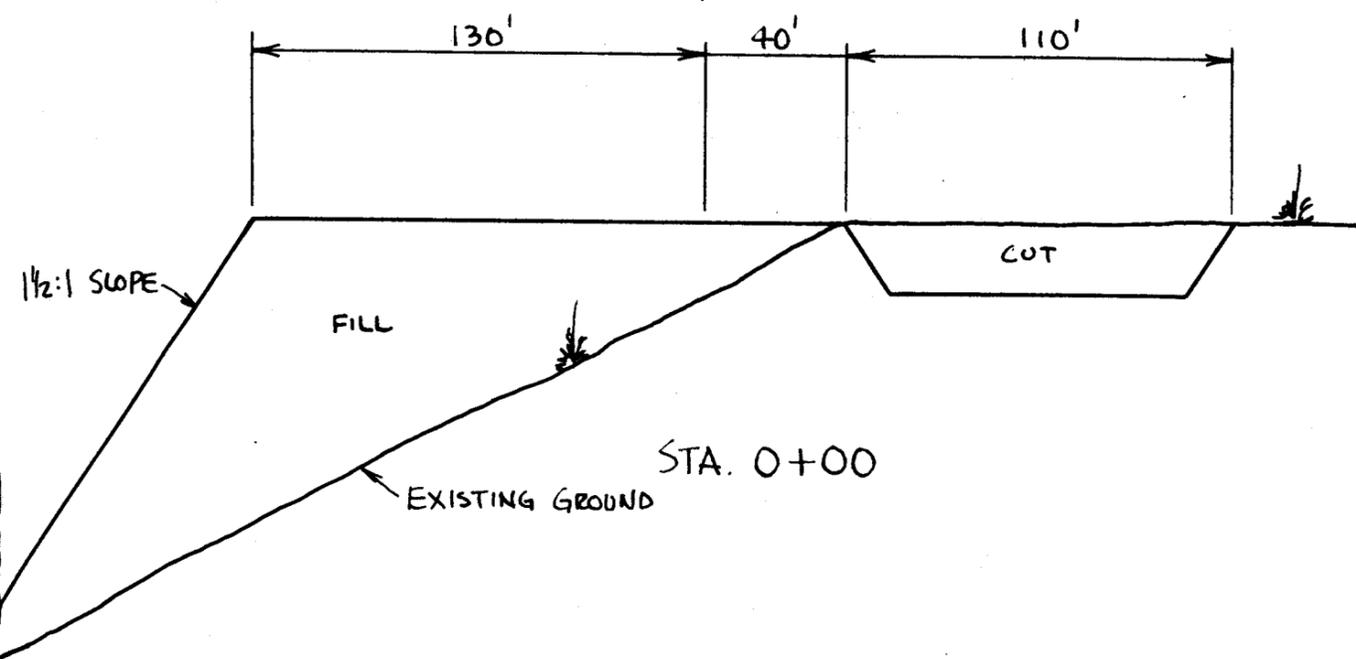
EXHIBIT #3



SOILS LITHOLOGY
NO SCALE



CROSS SECTION SCALES
1"=20'
1"=50'



APPROXIMATE YARDAGES

CU. YDS. CUT - 21,655.63

CU. YDS. FILL - 17,912.22

UNBALANCE AFTER 20%
COMPACTION = 160.97 CU. YDS. CUT

TENNECO OIL C

UPPER VALLEY #39

PROPOSED LOCATION

EXHIBIT #1

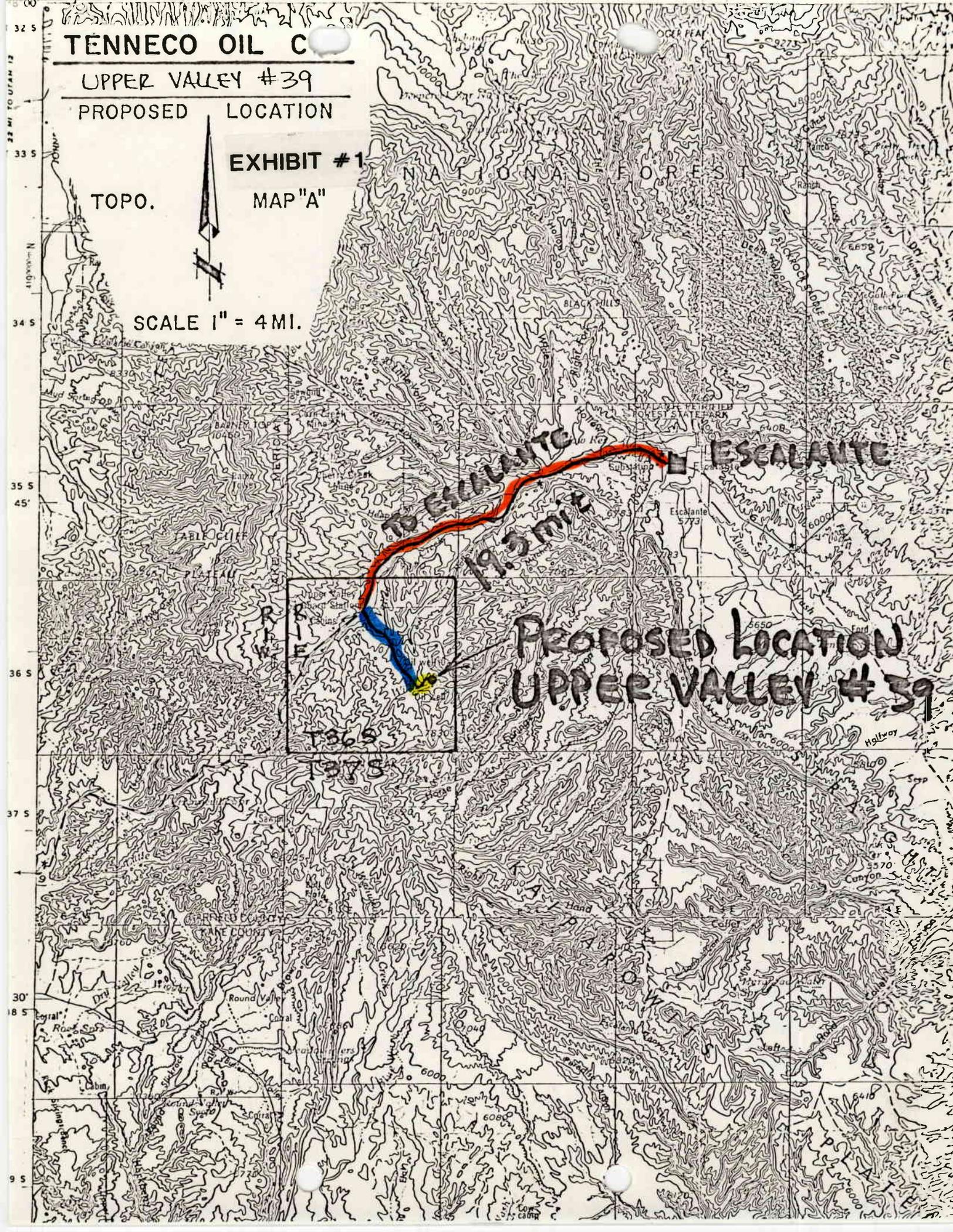
MAP "A"

TOPO.

SCALE 1" = 4 MI.

TO ESCALANTE
19.5 MILE

PROPOSED LOCATION
UPPER VALLEY #39

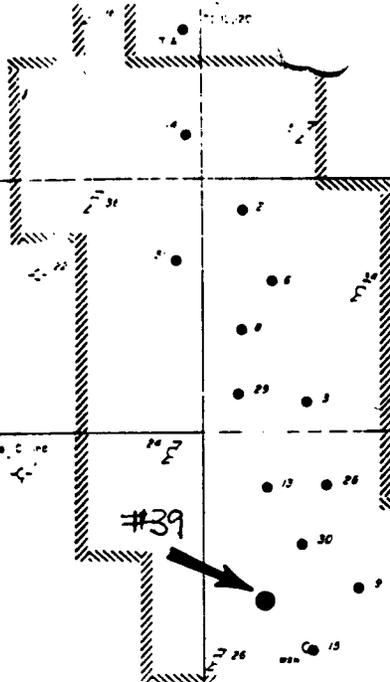


UPPER VALLEY
EXHIBIT A

T
36
S

Northern
Section

Southern
Section



NAT'L FOREST

NAT'L

DIXIE

No. 1

T
37
S



TENNECO OIL CO.

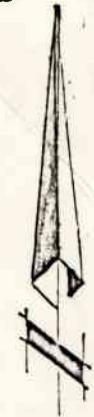
UPPER VALLEY #39

PROPOSED LOCATION

EXHIBIT #2

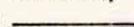
MAP "B"

TOPO.



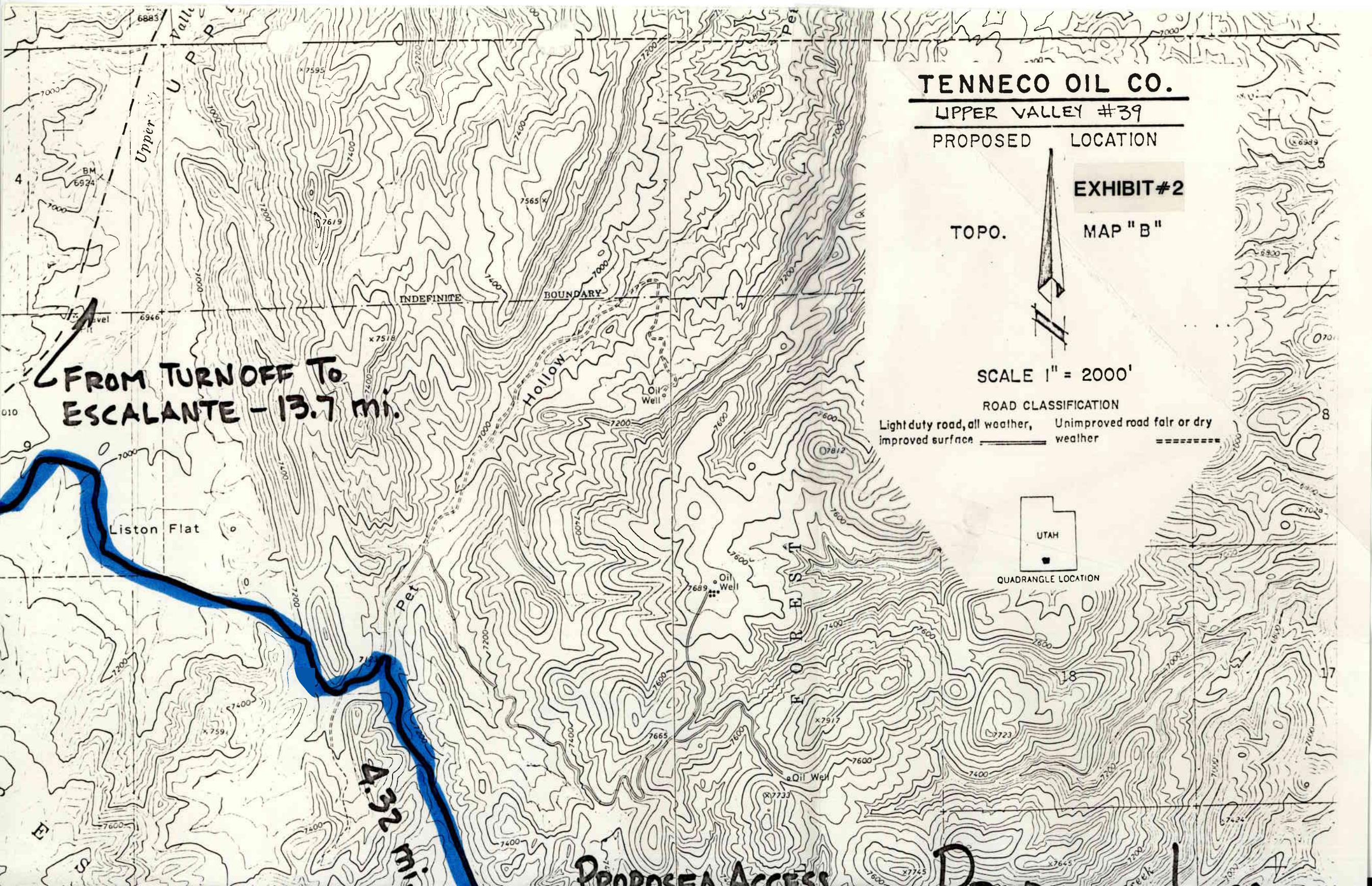
SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, improved surface  Unimproved road fair or dry weather 



QUADRANGLE LOCATION



FROM TURN OFF TO ESCALANTE - 13.7 mi.

4.32 mi

Proposed Access

Upper Valley

Hollow

Liston Flat

FOREST

Oil Well

Oil Well

6883

4

9

E

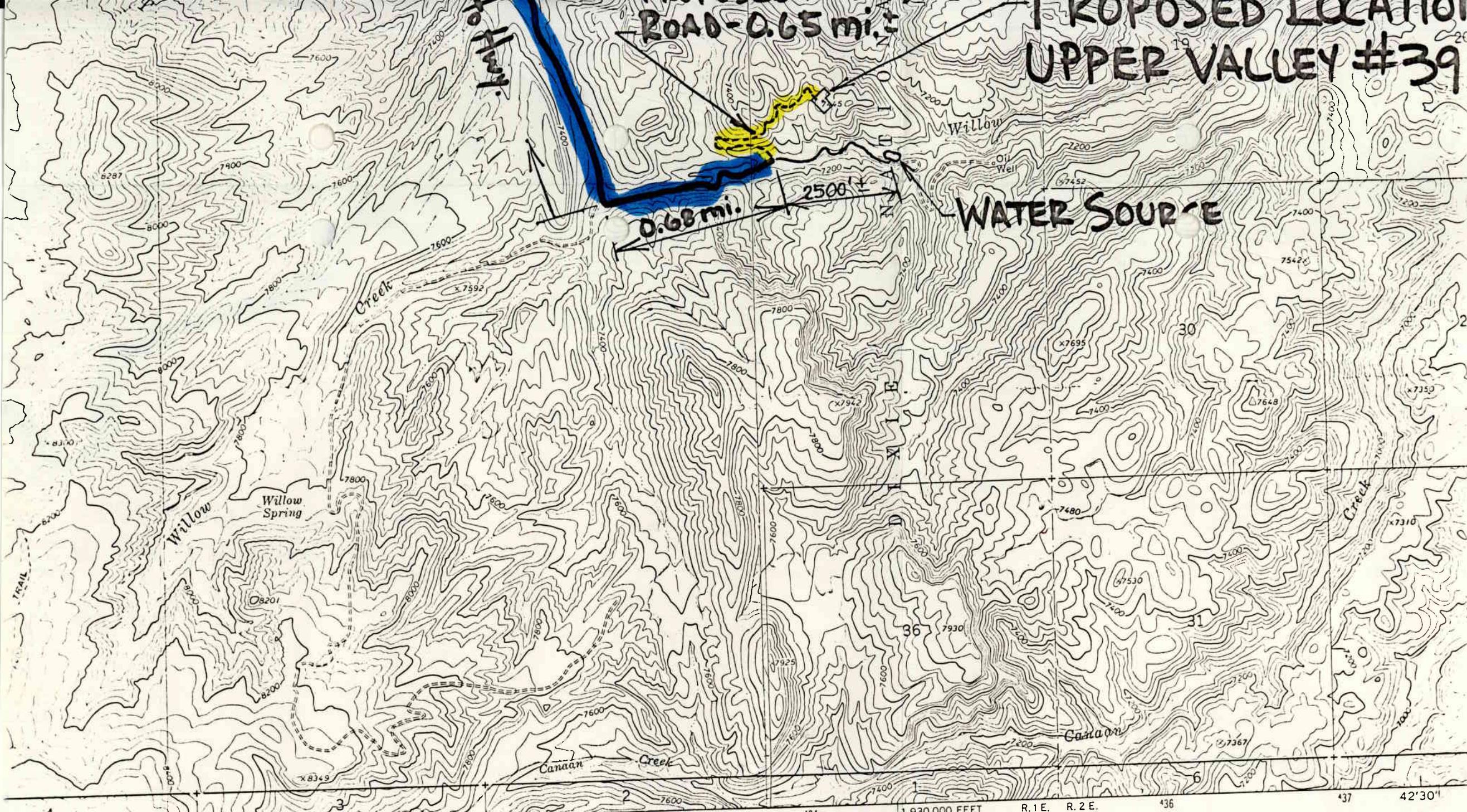
5

8

18

6

7



430 47'30"

431

432

433000m E

111°45' 434

1 930 000 FEET

R. 1 E. R. 2 E.

436

437

42'30"

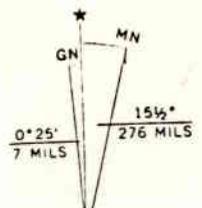
ROAD CLASSIFICATION

Medium-duty Light-duty

Unimproved dirt

State Route

Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS
 Topography by photogrammetric methods from aerial
 photographs taken 1958. Field checked 1964
 Polyconic projection. 1927 North American datum
 10,000-foot grid based on Utah coordinate system, south zone
 1000-meter Universal Transverse Mercator grid ticks.



1 MILE
 FEET



COMPANY TENNECO OIL & P - WRMD

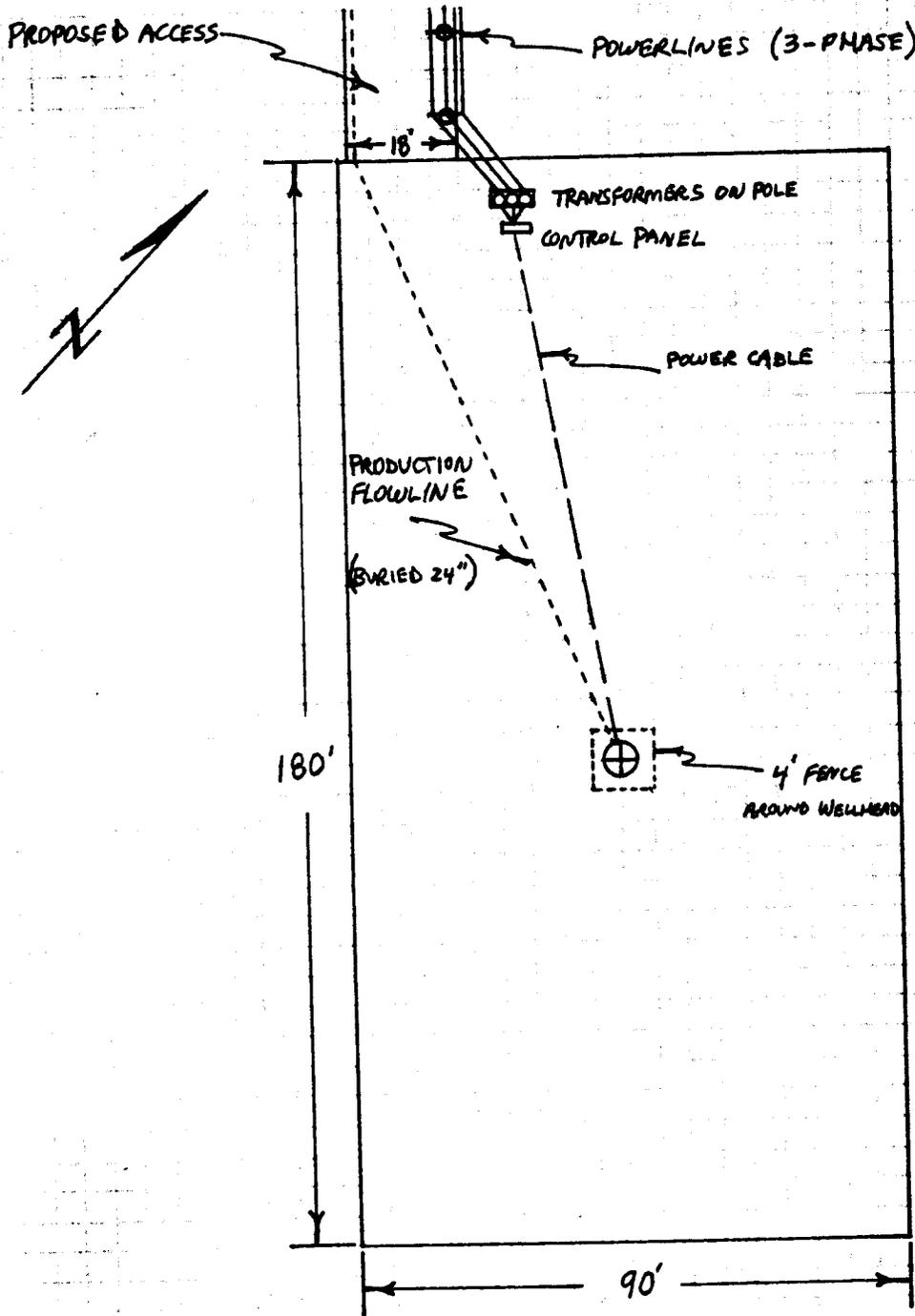
DEPT. EXHIBIT B

SUBJECT UPPER VALLEY UNIT #39 - PROPOSED SURFACE PRODUCTION DIAGRAM

LOCATION (NO SCALE)

BY PTP

DATE 14 JUNE 85



1. BURIED FLOWLINE WILL FOLLOW ACCESS R-O-W.
2. POWERLINE POLES WILL FOLLOW ACCESS R-O-W.
3. DISTURBED AREA IS DICTATED BY GUY LINE ANCHORS FOR SERVICE UNIT.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company: Tenneco Oil Company

Well No: Upper Valley 39

Location: 1764' FSL 1243' FWL

Lease No: U-19379

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

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR 3160), approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned shall be identified in accordance with 43 CFR 3162.6. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 3160-5). Unless the plugging is to take place immediately upon receipt of oral approval, the District Manager must be notified at least 48 hours in advance of the plugging of the well in order that the representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 3160-5) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a followup report on Form 3160-5 should be filed when all surface restoration has been completed and the location is considered ready for final inspection.

4. The spud date will be reported orally to the respective District Manager's office within 48 hours after spudding. If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Office on a frequency and form or method as may be acceptable to the District Manager.

In accordance with NTL-1, this well must be reported on Form 3160-6 "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals Management Service, P.O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Manager. "Sundry Notices and Reports on Wells" (Form 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.4.1. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of the facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Manager.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with Onshore Oil and Gas Order No. 1; VIII. Reports and Activities Required after Well Completion. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cutting, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values are not involved at this location. Accordingly, you must notify the District Manager at least 24 hours prior to commencing field operations to allow this office to have personnel present for consultation during the construction of roads and locations.

The Cedar City District Office Address is:

1579 North Main, Cedar City, Utah 84720
(801) 586-2401

Your contact is: Theron Mitchell
Office Phone: (801) 586-2401
Home Phone (801) 826-4347 or 586-2719

7. Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Manager's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact this office 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communications, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address and telephone number.
 - b. Well name and number.
 - c. Well location ($\frac{1}{4}, \frac{1}{4}$ Section, Township, Range and Prime Meridian).
 - d. Date was placed in a producing status.
 - e. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.
 - f. The OCS, Federal or Indian lease prefix and number of which the well is located, otherwise, the non-Federal or non-Indian land category, i.e. State or private.
 - g. If appropriate, the unit agreement name, number and participating area name.
 - h. If appropriate, the communication agreement number.

SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

1. The Forest Service representative (David Dallison (801) 826-4221) will be notified at least 48 hours prior to any surface disturbing activities associated with new access roads or drill pad location. A representative of the Forest Service will be present before construction activity begins to review and explain surface protection stipulations with the operator and/or dirt work contractor.
2. Tenneco Oil Company shall designate a representative from the company who will be available on site to insure complete compliance with all stipulations. Forest Service and the Bureau of Land Management shall be given the name of the responsible individual.
3. The Tenneco representative shall insure that all individuals working at or near the location are aware of and comply with all applicable stipulations.
4. If subsurface cultural material is exposed during construction, work will stop immediately in that spot and the Escalante Ranger Station will be contacted.
5. The access road will be constructed in accordance with these stipulations and the BLM/FS/GS Surface Operating Standards and Forest Service "Standards for low volume, intermittent use, specified local roads." The access road shall be constructed where flagged with total surface disturbance for the roadbed and drainage confined to a maximum of 18 feet. Drainage across the road shall be provided for at such intervals as to prevent gullyng on the downslope side of the road. Road berms shall be pulled in. The road grade should be rolled with the surface of the ground as much as possible to provide natural drainage. Additional specific construction procedures may be provided by the Forest Service representative during construction.
6. Clearing should be kept to a minimum to maintain vegetative screening of the road. The trees cleared (chainsaw only) from the pad area and access road route shall be limited to those whose presence would be significantly detrimental to the efficiency or safety of the operation. Trees shall not be cut along the access route where limbing would provide sufficient clearance. Pad borders will be left irregular to simulate natural terrain and vegetative lines. Trees removed shall be lopped and the slash disposed of in adjacent washes for stabilization. Scattered debris shall be of such size as not to extend from the ground more than 2 feet. Stumps of any trees cut adjacent to the road or pad shall be removed and disposed of as stated above and stump holes filled with material.
7. Cleanup of all trash and debris brought into the area during drilling will be the responsibility of Tenneco Oil Company. Garbage or burn pits will not be allowed. Tenneco shall cooperate with other right-of-way holders along access routes to insure that litter is collected and removed.

8. Reclamation shall include contouring of the pad to blend with land-forms in the general area, redistribution of topsoil and seeding. Seeding shall be accomplished during the period of September to December. A seed mix and seeding method will be provided by the Forest Service with the advent of reclamation.
9. Any production facilities will be painted a single, low gloss, pastel color that will blend with the color of soils, rock or vegetation. Color will be approved by the Forest Service.
10. Upon completion of drilling operations, the Cedar City District Office shall be notified of production and/or reclamation plans so that an inspection may be conducted to determine if mitigating measures in addition to those included in the surface use plan or presented hereby are necessary.

OPERATOR Jenneco Oil Co. E & P WRMD DATE 8-2-85

WELL NAME Upper Valley Unit 39

SEC NWSW 24 T 36S R 1E COUNTY Shelfield

43-017-30130
API NUMBER

Oil
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Unit Well - OK on P.O.D.
Need water permit

APPROVAL LETTER:

SPACING:

A-3

Upper Valley
UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

STIPULATIONS:

1 - Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 5, 1985

Tenneco Oil Company E & P WRMD
P. O. Box 3249
Englewood, Colorado 80155

Gentlemen:

Re: Well No. Upper Valley Unit 39 - NW SW Sec. 24, T. 36S, R. 1E
1764' FSL, 1243' FWL - Garfield County, Utah

Approval to drill the above-referenced oil well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2
Tenneco Oil Company
Well No. Upper Valley 39
August 5, 1985

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-017-30130.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-017-30130

NAME OF COMPANY: TENNECOWELL NAME: Upper Valley Unit 39SECTION NW SW 24 TOWNSHIP 36S RANGE 1E COUNTY GarfieldDRILLING CONTRACTOR ParkerRIG # 148SPUDDED: DATE 8-15-85TIME 8:15 PMHOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Gary ClarkTELEPHONE # 801-826-4228DATE 8-16-85 SIGNED AS

**UNIT STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLIC
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 3249, Englewood, CO 8015E

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations.
See also space 17 below.)
At surface
1243' FWL, 1764' FSL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7341' GL

RECEIVED
AUG 21 1985
**DIVISION OF OIL
& GAS & MINING**

5. LEASE DESIGNATION AND SERIAL NO.
U-019379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Upper Valley Unit

9. WELL NO.
39

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
Garfield

13. STATE
UT

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) <u>Drilling Water</u> <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.)*

The water source for drilling on the reference well is located in the S/2 S/2 Sec. 24 T36S R1E. This is a Tenneco water well which is currently supplying water for the polymer injection facility.

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

SIGNED [Signature] TITLE Senior Regulatory Analyst DATE 8/19/85

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPPLIC
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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.
39

10. FIELD AND POOL, OR WILDCAT
Upper Valley

11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA
Sec. 24, T36S, R1E

12. COUNTY OR PARISH | 13. STATE
Garfield | UT

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 purposes.)

RECEIVED

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Tenneco Oil Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1243' FWL, 1764' FSL

14. PERMIT NO.
43-017-30130

15. ELEVATIONS (Show whether DF, ST, GR, etc.)
7341' GR

AUG 30 1985

**DIVISION OF OIL
GAS & MINING**

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"/>
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"/>	

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"/> Progress Report	

(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.)*

8/15/85 MIRU parker #148. NU 22" rotating head. Mix spud mud, survey @ 70', spud well w/8-3/4 bit @ 8:15 a.m. 8/15/85.

8/21/85 Drill, circulate, short trip. Circulate and condition, trip out, LD DC & BHA. Riggged up and run 9-5/8" casing. Survey: 2,668/3/4.

8/22/85 Ran 2711.90' of 9-5/8", 36#, K55 ST&C casing & 2537.92' of 1-1/4", 2.33#, J55, GST tubing to 2710' with parasite entry @ 2531 and FC @ 2662. Circulate cement 1-1/4" parasite string and 9-5/8" casing at 2710' with 785 sacks 12999 FT3 Hilfill cement with 10# sacks Gilsonite and 1/4# Flocele. Flocele followed by 580 sacks (684 FT3) Class "A" with 2% calcium chloride & 1/4# sacks Flocele. 226 barrels cement returns. Bumped plug with 500 psi OK. Cement in place 6:00 p.m. 8/22/85. With 1" pipe at 100' pumped 100 sacks (118 FT3) Class "A" with 2% calcium chloride and 1/4# sacks Flocele. Waiting on cement. Weld on Braden head. Nippling up.

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

SIGNED *Scott McKinney* TITLE Senior Regulatory Analyst DATE _____

(This space for Federal or State office use)

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

***See Instructions on Reverse Side**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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.)

RECEIVED
DIVISION OF OIL
& GAS MINING

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.

39

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

UT

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Tenneco Oil Company

AUG 30 1985

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

DIVISION OF OIL

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

1243' FWL, 1764' FSL

14. PERMIT NO.
43-017-30130

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7341' GR

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

NOTICE OF INTENTION TO:

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

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

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

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

Progress Report

(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.)*

8/23/85 Test all BOPE, choke manifold & lines to 3000 psi, OK. Test hydril to 1500 psi, OK. TIH. Tag cmt @ 2660. Test 9-5/8" csg to 1500 psi, 15 min, OK. Drill plug, cmt, FC to 2702. Test shoe to 1500 psi, 15 min, OK. Drill out & ahead.

8/24/85 Circ. Test csg shoe to a 9.5 ppg EMW. Drill ahead.

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

SIGNED

Scott McKinney

TITLE Senior Regulatory Analyst

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instruct
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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U-019379

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Upper Valley Unit

8. FARM OR LEASE NAME

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SUBVY OF AREA

Sec. 24, T36S, R1E

12. COUNTY OR PARISH 13. STATE

Garfield

UT

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 3249, Englewood, CO 80155

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

1243' FWL, 1764' FSL

RECEIVED

DIVISION OF OIL
GAS & MINING

14. PERMIT NO.
43-017-30130

15. ELEVATIONS (Show whether DF, NT, GR, etc.)
7341' 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) Progress Report

(NOTE: Report results of multiple completion on Well
Completion or R-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.)*

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8/24/85 Circ. Test csg shoe to a 9.5 ppg EMW. Drill ahead.

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

SIGNED

Scott M. King

TITLE Senior Regulatory Analyst

DATE

8/20/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIP
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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** AUG 27 1985

2. **NAME OF OPERATOR**
Tenneco Oil Company

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

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

RECEIVED

OCT 07 1985

1243' FWL, 1764' FSL

14. **PERMIT NO.**
43-017-30130

15. **ELEVATIONS** (Show whether DF, ST, CM, etc.)
7341' **Division of Oil & Gas**

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.**
39

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

11. **SEC., T., R., N., OR BLK. AND SURVEY OR AREA**
Sec. 24, T36S, R1E

12. **COUNTY OR PARISH** 18. **STATE**
Garfield UT

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PLUG 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>Progress Report</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.)*

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8/21/85 Drill, circulate, short trip. Circulate and condition, trip out, LD DC & BHA. Rigged up and run 9-5/8" casing. Survey: 2,668/3/4.

8/22/85 Ran 2711.90' of 9-5/8", 36#, K55 ST&C casing & 2537.92' of 1-1/4", 2.33#, J55, GST tubing to 2710' with parasite entry @ 2531 and FC @ 2662. Circulate cement 1-1/4" parasite string and 9-5/8" casing at 2710' with 785 sacks 12999 FT3 Hilfill cement with 10# sacks Gilsonite and 1/4# Flocele. Flocele followed by 580 sacks (684 FT3) Class "A" with 2% calcium chloride & 1/4# sacks Flocele. 226 barrels cement returns. Bumped plug with 500 psi OK. Cement in place 6:00 p.m. 8/22/85. With 1" pipe at 100' pumped 100 sacks (118 FT3) Class "A" with 2% calcium chloride and 1/4# sacks Flocele. Waiting on cement. Weld on Braden head. Nippling up.

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

SIGNED *Scott McKinnis* TITLE Senior Regulatory Analyst DATE 8/24/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructor
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Tenneco Oil Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any applicable regulations. See also space 17 below.)
At surface
1243' FWL, 1764' FSL

14. PERMIT NO.
43-017-30130

15. ELEVATIONS (Show whether DF, ST, OR, etc.)
7341' GR

5. LEASE DESIGNATION AND SERIAL NO.
U-019379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Inner Valley Unit

8. FARM OR LEASE NAME

9. WELL NO.
39

10. FIELD AND POOL, OR WILDCAT
Inner Valley

11. SEC., T., R., E., OR BLK. AND SURVEY OR AREA
Sec. 24, T36S, R1E

12. COUNTY OR PARISH 13. STATE
Garfield UT

RECEIVED
SEP 19 1985
OCT 07 1985
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 PLANE <input type="checkbox"/>	(Other) <input type="checkbox"/> progress report	

(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.)

8/31/85 TIH, break circ. Ream 42' to bottom. Drill, survey, stuck pipe, unload hole w/air. Break circ.

9/1/85 TOOH (6 jts tight) chg BH'A, RS & CK BOP; TIH to 5660, survey, TOOH to 5404', survey, TIH to 5330', survey, circ @ 5330', TIH to 5837', survey, TOOH, 5637', survey 5636/15-1/2, 5350/4, 5460/6. TIH. Attempt to go to bottom. Ream 220' to bim.

9/2/85 TOOH, wo Halco, TIH open ended to cmt @ 5750'. C&C. Cmt to set kick off plug-5750-5250'. Cmt w/10 BBL mud flush-250 sx class H .84#/sx salt-3/4% CF-R2, 18# Halad-9 by volume. Cmt in place @ 11:45 pm 9-2-85. Pull 7 stds-/single, circ & clear pipe, TOOH & WOC.

9/3/85 PBDT 5300'. Drl 105' cmt. Reaming @ 4379'. TIH to 9-5/8" shoe. R.R., TIH. Tag cmt @ 5195'. Drill cmt to 5300'.

9/4/85 Drlg/ream w/stiff assembly to 5300, fell through at 5334, into old hole. Firm 5334 to 5362 ratty cmt. Firm cmt at 5360 start kick off. Drlg w/ 6-8000# 75 RPM. 100% shale in samples at 5425.

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

SIGNED [Signature] TITLE Senior Regulatory Analyst DATE 9/19/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPT
(Other instruction
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any special requirements.
See also space 17 below.)
At surface
1243' FWL, 1764' FSL

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.
39

10. FIELD AND POOL, OR WILDCAT
Upper Valley

11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA
Sec. 24, T36S R1E

12. COUNTY OR PARISH 13. STATE
Garfield CO

RECEIVED
OCT 07 1985

14. PERMIT NO.
43-017-30130

15. ELEVATIONS (Show whether **DIVISION OF OIL & GAS & MINING**)
7341' GRGAS & MINING

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 PLANE <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) progress report <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.)*

9/14/85 Drop survey, TOOH & SLM board 7150', strap 7138', RU schlumberger & log. Logger TD 7140. Ran dill.

9/15/85 Logging w/schlumberger, first RUN-DLL-SP-GR-MSFL-CAL from 7140-2710. #2 BHT from 7140-2710, #3 FDC-SGT-CNL from 7140-2710. RD loggers.

9/16/85 RU run 7" csg. Ran 7139.25' (173 jts) of 7", 26#, k55, ST&C csg to 7122. GS @ 7122, FC @ 7077.63, flag jt @ 6730.71 DV TL @ 5206.76. Cmtd first stage. 500 gal mud flsh & 500 gal SPR 750 sx (1025 ft3) 50/50 POZ w/2% gel, 8.62#/sx ea-1, .08% halad halad 322 & 1/4#/sx flocele. Disp w/71 bbl H2O & 202 bbl mud. 80/85% returns.

9/17/85 Cmtd second stage: pumped 500 gal mud flsh, 500 gall spr flsh, 460 sx (1757 ft3) hifill w/10# sx gilsonite, 1/4#s/x flocele, 50 sx (53ft3) CL H disp w/200 bbl H2O 60-80% returns. Bump plug w/2200 psi & close DV TL. ND set slips w/100,000. Unscrew LD 7" csg @ 6 a.m. ND BOPE. NU well head. Clean pits. Rig released 1 p.m. 9/17/85.

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

SIGNED [Signature] TITLE Senior Regulatory Analyst DATE 9/19/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP DATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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.

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10. FIELD AND POOL, OR WILDCAT

Upper Valley

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

Sec. 24, T36S R1E

12. COUNTY OR PARISH 13. STATE

Garfield

UT

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

OCT 15 1985

DIVISION OF OIL
GAS & MINING

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Tenneco Oil Company

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

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

1243' FWL, 1764' FSL

14. PERMIT NO.
43-017-30130

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7341' GR

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

NOTICE OF INTENTION TO:

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

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

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

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(NOTE: Report results of multiple completion on Well
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proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

9/23/85 MIRU swift well serv rig #15, NUBOP. PU 6-1/8" bit, scraper, tall tbg, RIH picking up & rabbit 2-7/8" tbg.

9/24/85 PU & tally tbg in hole, tag cement stringers @ 5153, drill cmt to 5213, tag plug & DV tool, drill DV tool, tally in hole to 6537, tag cmt stringers. Drill to 6627'.

9/25/85 Drill wiper plug @ 6627, drill cmt to plug back TD at 7070. Circ hole clean, press tst BOP's & csg to 3000 psi 15 min. O.K.

9/26/85 TOOH, RU petro-log, run CBL-GR-CCL from 7090 (W.L. measurements) to 900. Run bond log w/2000 psi on csg.

9/27/85 TIH to 6840, spot 500 gal 7.5% DI HCL fr 6840-6530. Perf form 6822-6859 w/2 SPF, total 74 shots. FL dropped fr 400' to 870'. Set pkr @ 6750. Acidize w/7400 gal DI HCL & 122 balls slrs. Press went fr 400 psi to 0 psi. Well on vacuum. Max rate 6 BPM, max press 2200 psi. MD 1 swb run to pkr.

9/28/85 Swb well w/2 swb runs to pkr. Rec'd 1/4 gal heavy black oil.

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

SIGNED

John McKinley

TITLE Senior Regulatory Analyst

DATE

10/4/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

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At surface
1243' FWL, 1764' FSL

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.
39

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Upper Valley

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Sec. 24, T36S R1E

12. COUNTY OR PARISH
Garfield

13. STATE
UT

14. PERMIT NO.
43-017-30130

15. ELEVATIONS (Show whether DF, ST, GR, etc.)
7341' GR

OCT 15 1985

DIVISION OF OIL
GAS & MINING

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 checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input checked="" 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.)

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9/29/85 MD swb run to pkr @ 6750, no recovery. MD 2nd swb run, hit fluid @ 4800'. Swb oil, produced wtr & spent acid. Rec'd 55 bbls fluid. FL @ 4800'.

10/1/85 Swab well, Rec'd total 297 BBLS before SBFN.

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

SIGNED

Scott M. King

TITLE Senior Regulatory Analyst

DATE

10/4/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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.)

RECEIVED		5. LEASE DESIGNATION AND SERIAL NO. U-019379
OCT 30 1985		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME Upper Valley Unit
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		8. FARM OR LEASE NAME 9. WELL NO. 39
2. NAME OF OPERATOR Tenneco Oil Company		10. FIELD AND POOL, OR WILDCAT Upper Valley
3. ADDRESS OF OPERATOR P. O. Box 3249, Englewood, CO 80155		11. T.M.C., T., E., M., OR B.L.K. AND SURVEY OR AREA Sec. 24, T36S R1E
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.) At surface 1243' FWL, 1764' FSL	DEPARTMENT OF OIL GAS & MINING	12. COUNTY OR PARISH 13. STATE Garfield UT
14. PERMIT NO. 43-017-30130	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7341' GR	

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

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

10/17/85 MIRU swift oilfield serv rig # 15. RU petrolog & run eastman survey fr 0 - 7070' RD petrolog. RU reda pmp & RIH

10/18/85 Run pmp & tbg in hole. Btm of motor @ 6781'. Static fluid level @ 4976'. Put well on test.

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

SIGNED *Scott M. King* TITLE Senior Regulatory Analyst DATE 10/28/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLI
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Tenneco Oil Company</p> <p>3. ADDRESS OF OPERATOR P. O. Box 3249, Englewood, CO 80155</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1243' FWL, 1764' FSL</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <u>11-19379</u></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. 39</p> <p>10. FIELD AND POOL, OR WILDCAT Upper Valley</p> <p>11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA Sec. 24, T36S R1E</p> <p>12. COUNTY OR PARISH 13. STATE Garfield UT</p>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, ST, OR, etc.) 7341' GR

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

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

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

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Tenneco requests permission to determine the source of water according to the attached detailed procedure.

RECEIVED
NOV 25 1985
**DIVISION OF OIL
GAS & MINING**

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

SIGNED *Scott W. Young* TITLE Senior Regulatory Analyst DATE 11/20/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY: **Federal approval of this action is required before commencing operations.** *See Instructions on Reverse Side

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 11/26/85
BY: *John R. Baya*

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

2710

5249/JWC/2

LEASE Upper Valley Unit

WELL NO. 39

CASING:

9-5/8" OD, 36 LB, K-55 CSG. W/ 1365 SX

TOC @ surf . HOLE SIZE 14-3/4 DATE: 8-23-85

REMARKS

7 "OD, 26 LB, K-55 CSG. W/ 750/460 SX

TOC @ 1100 . HOLE SIZE 8-3/4 DATE: 9-17-85

REMARKS

TUBING:

2-7/8" OD, 6.4 LB, GRADE, 10 RD, NUE CPLG

LANDED @ 6782* . SN, PACKER, ETC.

* btm of motor

DETAILED PROCEDURE:

1. MIRUSU. Set tank of location & fill w/produced wtr. NDWH.
2. POOH w/tbg & pump. NUBOP.
3. RIH w/retrievomatic pkr on 2-7/8" workstring and set @ 6722'. Press tst BS to 1000 psi. SDON.
4. RU Gearhart. Run temperature log from PBTD to fluid level in tbg. (Well needs to be shut in for 24 hours prior to running survey.)
5. Pump 200 bbls of cold water into perfs. Run temperature survey.
6. If channel exists, go to Step 8. If no channel exists behind pipe, go to Step 18. If results are still inconclusive, go to Step 7.
7. Run radioactive tracer injection profile. If channel exists, go to Step 8. If no channel exists go to Step 18.
8. POOH w/pkr & tbg.
9. RIH w/7" cmt retainer on tbg & set @ 6300'. PT tbg to 2000 psi. SOOR. Circ hole full through tbg. SIR. PT annulus to 1000 psi.
10. Establish pump in rate into perfs. Mix 150 sxs RFC tailed w/50 sxs Class H w/2% CaCl. Total slurry volume = 53 bbls. Mix @ 2 BPM.
11. Displace cement on vacuum w/o pump until perfs quit taking cement. Pump to finish displacing cement. Do not exceed 1000 psi. Check for backflow. Overdisplace by 5 bbls if sqz is not obtained.

2 1/4 JTS + 4' sub

Pump

6822

6859

7077

7122

2710

5249/JWC/2
LEASE Upper Valley Unit
WELL NO. 39

CASING:

9-5/8" OD, 36 LB, K-55 CSG. W/ 1365 SX
TOC @ surf . HOLE SIZE 14-3/4 DATE: 8-23-85
REMARKS _____

7" OD, 26 LB, K-55 CSG. W/ 750/460 SX
TOC @ 1100 . HOLE SIZE 8-3/4 DATE: 9-17-85
REMARKS _____

TUBING:

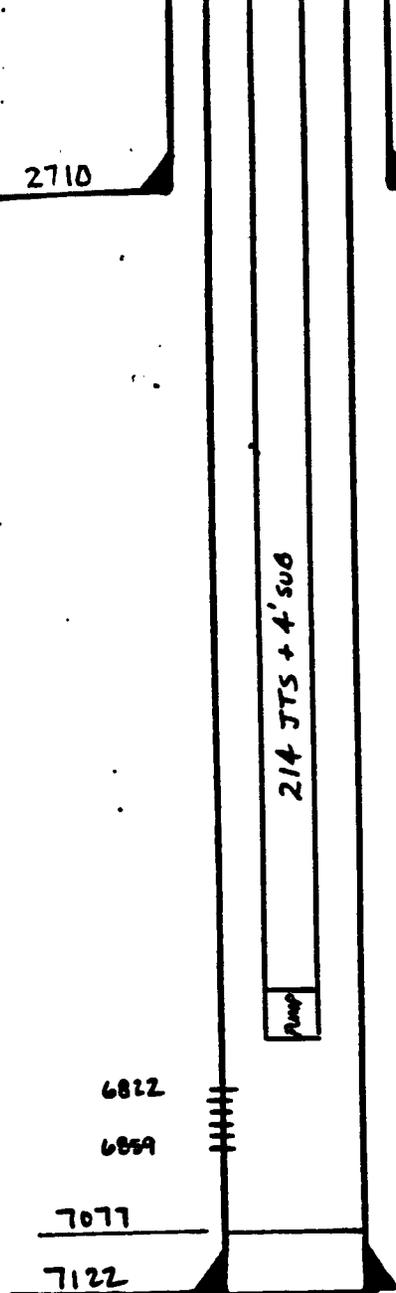
2-7/8" OD, 6.4 LB, GRADE, 10 RD, NUE CPLG
LANDED @ 6782* . SN, PACKER, ETC. _____

* btm of motor

DETAILED PROCEDURE:

12. SOOR. Reverse circulate 50 bbls. POOH. WOC overnight.
13. RIH w/ 6 1/8" rock bit. DO cmt ret and cement. Reverse circulate until returns are clean. PT csg to 1000 psi (Resqueeze if necessary). Tag PBSD. Roll hole w/water. POOH. If csg doesn't PT, run temp survey as in Steps 4 & 5.*
14. Reperf K-4 from 6822-59 w/2 JSPF.
15. RIH w/pkr set @ 6730'. PT BS to 1000 psi. Acidize K-4 perfs w/40 gals/ft. of 28% HCl and 50% excess 1.1 ball sealers.
16. RIH past perfs w/pkr to knock balls off perfs. PU and reset pkr @ 6750'. Flush BS w/water before setting to make sure no acid gets above pkr.
17. Swab back load. Run temperature survey as per Steps 4 & 5.*
18. POOH w/tbg & pkr, laying dn workstring. NDBOP.
19. RIH w/sub pump on 2-7/8" NUE 10rd tbg. NUWH.
20. Return well to production & test.

* If channel still exists, call Denver.



**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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

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Garfield

UT

SUNDRY NOTICES AND REPORTS ON WELLS

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1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 3249, Englewood, CO 80155

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

1243' FWL, 1764' FSL

14. PERMIT NO.

43-017-30130

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

7341' 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 PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Water test

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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12/3/85 Moved rig from WSW #1 to Well #39.

12/4/85 POOH w/tbg & sub pmp. Lay dn sub pmp. RIH w/7" pkr & 111 jts 2-7/8" workstring.

12/5/85 Fin'd RIH w/pkr & tbg to 6690'. Ran GR temp log. Set pkr @ 6690'. Pmpd 200 bbls of 76 degree wtr dn tbg into perms. Run temp survey. Temp survey indicates no flow below 6846' and no channel. POOH w/temp tool. RIH w/GR tracer tool. Begin pmpg wtr dn tbg. Ejected slug of radioactive tracer material & pulled thru it w/tool to determine where slug would go. Repeated this procedure several times & no channeling was seen. Extra material was going into perms & not down hole. Re-ran GR & log showed high GR readings in perms.

12/6/85 Installed screw-on flange, spool, and stripping rubber. Loaded BS w/wtr. PT to 650 psi. Held o.k. Released pkr. POOH laying dn workstring. Picked up sub pmp and RIH w/10 jts of 2-7/8 10rd NUE tbg.

12/7/85 Run pmp & tbg in the hole. Set pmp rotation. Cannot pmp the WIW #25 Wtr inj. line is plugged. End of job on #39.

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

SIGNED

Scott M. King

TITLE Senior Regulatory Analyst

DATE

12/11/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
 DIVISION OF OIL, GAS, AND MINING
 ROOM 4241 STATE OFFICE BUILDING
 SALT LAKE CITY, UTAH 84114
 (801) 533-5771
 (RULE I-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF

Tenneco Oil Company
 ADDRESS P.O. Box 3249
Englewood, Colorado ZIP 80155
 INDIVIDUAL PARTNERSHIP CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE Upper Valley WELL #39
 SEC. 24 TWP. 36S RANGE 1E
Garfield COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL
 DISPOSAL WELL

Federal Lease #71-019378

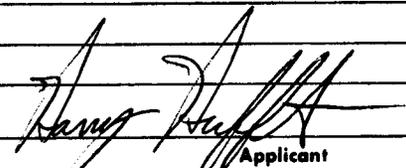
APPLICATION

Comes now the applicant and shows the Division the following:

1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name <u>Upper Valley Unit</u>	Well No. <u>39</u>	Field <u>Upper Valley</u>	County <u>Garfield</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NE-SW</u> Sec. <u>24</u> Twp. <u>36S</u> Rge. <u>1E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>9/85</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>4500'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Oil
Location of Injection Source(s) <u>Upper Valley Unit</u>		Geologic Name(s) and Depth of Source(s) <u>Kaibab Formation</u>	
Geologic Name of Injection Zone <u>Kaibab</u>		Depth of Injection Interval <u>6822'</u> to <u>6859'</u>	
a. Top of the Perforated Interval: <u>6822'</u>	b. Base of Fresh Water: <u>4500'</u>	c. Intervening Thickness (a minus b) <u>2322'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES NO			
Lithology of Intervening Zones <u>Limestone and Shale</u>			
Injection Rates and Pressures Maximum <u>6000</u> B/D <u>250</u> PSI			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent <u>BLM, Cedar City, Utah</u>			

State of Colorado
 County of Arapahoe


 Applicant
 H.F. Hufft, Prod. Mgr.

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 5th day of Feb., 19 86

SEAL



My commission expires 6/24/89

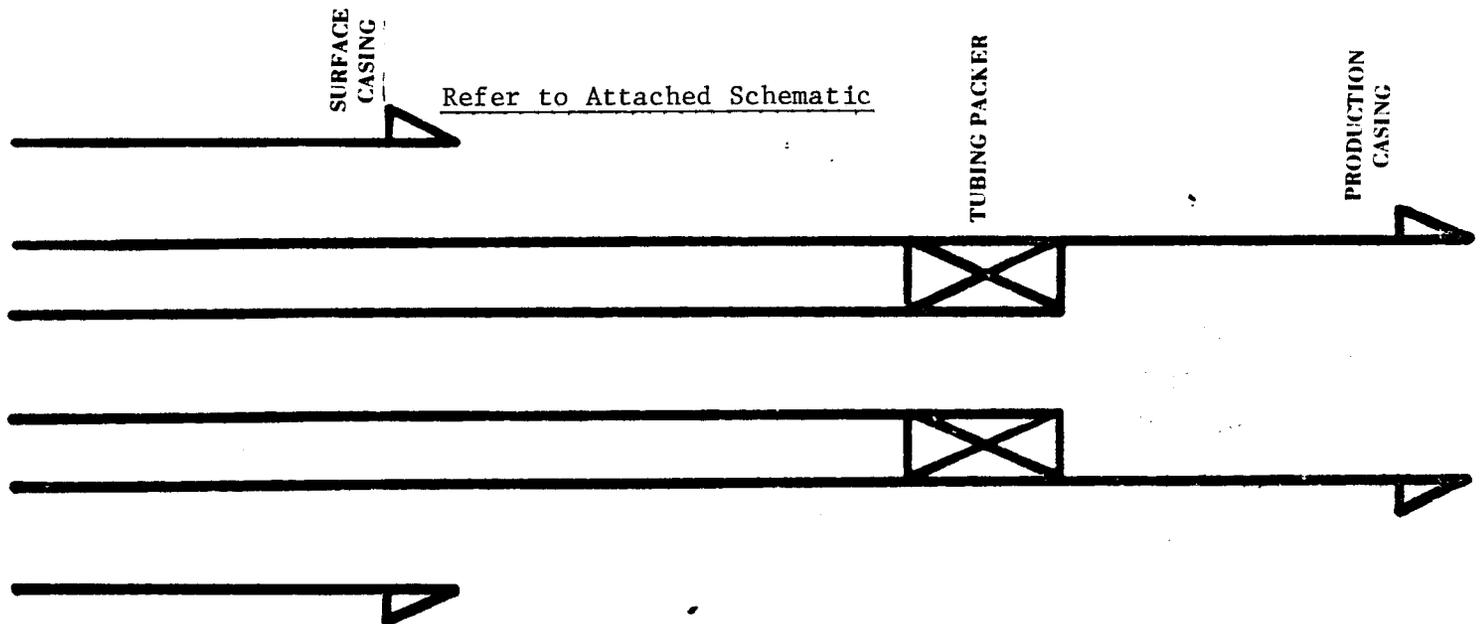
Notary Public in and for Arapahoe County

1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.
2. Attach qualitative and quantitative analysis of representative sample of water to be injected.
3. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within 1/2 mile, together and with name of operator.
4. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division.)
5. Attach Electric or Radioactivity Log of Subject well (if released).
6. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
7. The original and 6 copies of application, and one complete set of attachments shall be mailed to the Division.
8. Deliver 1 copy of application to landowner on whose land injection well is located and to each operator of a producing leasehold within 1/2 mile of injection well.
9. Affidavit of mailing or delivery shall be filed not later than five days after the application is filed.
10. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county in which the well is located. The Division shall file proof of publication before the application is approved. The notice shall include name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application will be approved administratively.
11. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed September 1st, each year.
12. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	9-5/8	2710'	1365	surface	
Intermediate					
Production	7	7122'	750/460	1100	Cement Bond Log
Tubing	2-7/8	6750'	Name - Type - Depth of Tubing Packer Baker R-3 Doublegrip Packer @ 6750'		
Total Depth 71'	Geologic Name - Inj. Zone Kaibab	Depth - Top of Inj. Interval 6822'	Depth - Base of Inj. Interval 6859'		

SKETCH - SUB-SURFACE FACILITY



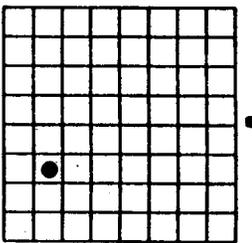
(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY
LEASE NO.

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

API NO
840 Acres
N



COUNTY Garfield SEC. 24 TWP. 36S RGE. 1E
 COMPANY OPERATING Tenneco Oil E & P
 OFFICE ADDRESS P.O. Box 3249
 TOWN Englewood STATE ZIP CO 80155
 LEASE NAME Upper Valley WELL NO. 39
 DRILLING STARTED 8/15 19 85 DRILLING FINISHED 9/17 19 85
 DATE OF FIRST PRODUCTION 10/20/85 COMPLETED 10/20/85
 WELL LOCATED SE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$
1764 FT. FROM SL OF $\frac{1}{4}$ SEC. & 1243 FT. FROM WL OF $\frac{1}{4}$ SEC.
 ELEVATION DERRICK FLOOR 7360 GROUND 7341

Locate Well Correctly
and Outline Lease

TYPE COMPLETION

Single Zone Single Order No. _____
 Multiple Zone _____ Order No. _____
 Comingled _____ Order No. _____

LOCATION EXCEPTION Order No. _____ Penalty _____

OIL OR GAS ZONES

Name	From	To	Name	From	To
Kaibab	6822'	6859'			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
9-5/8"	36#	K-55	2710	1500	1365	2710	Surface
7"	26#	K-55	7122	3000	750/460	6022	1100

TOTAL DEPTH 7122'

PACKERS SET
DEPTH 6750'

FORMATION	Kaibab		
SPACING & SPACING ORDER NO.			
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Convert to Injection Well		
PERFORATED	2 JSPF		
INTERVALS	6822-59'		
ACIDIZED?	7400 gal 28% HCl		
FRACTURE TREATED?	N/A		

INITIAL TEST DATA

Date	10/21/85		
Oil. bbl./day	12 BOPD		
Oil Gravity	19.5°		
Gas. Cu. Ft./day	None	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	---		
Water-Bbl./day	2328 BOPD		
Pumping or Flowing	Pumping		
CHOKE SIZE	---		
FLOW TUBING PRESSURE	---		

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone (303) 740-4800 H. F. Hufft, Prod. Mgr.
Name and title of representative of company

Subscribed and sworn before me this 5th day of February, 19 86.



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

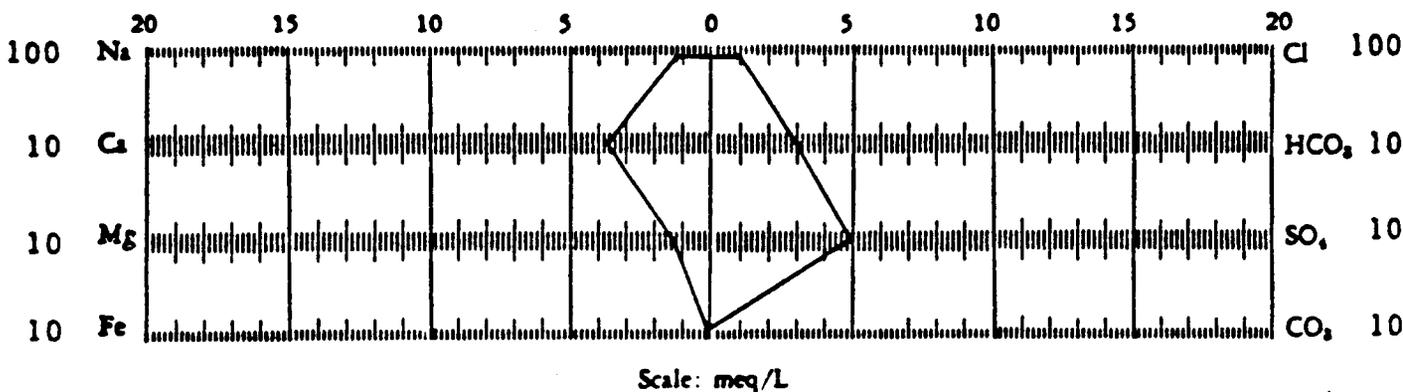
Page 2 of 8
 File IWTL-71107

Company Tenneco Oil Company Well Name _____ Sample No. 2
 Formation Kaibab Depth _____ Sampled From Satellite F. W. K. O.
 Location _____ Field Upper Valley County Garfield State Utah
 Date Sampled _____ Date Analyzed 11-3 to 11-4, 1971 Analyst RLC

Total Dissolved Solids 11,604 mg/L calculated Specific Gravity 1.0074 @ 74 °F.
 Resistivity .750 ohm-meters @ 74 °F. measured Hydrogen Sulfide present - 3.5 ppm
 pH 6.7 @ 74 °F.

Constituents	meq/L	mg/L	Constituents	meq/L	mg/L
Sodium	128.14	2946	Chloride	96.42	3418
Calcium	37.03	742	Bicarbonate	31.40	1916
Magnesium	13.00	158	Sulfate	50.42	2421 (Grav.)
Iron	.07	2	Carbonate	-0-	-0-
Barium	-0-	-0- (Grav.)	Hydroxide	-0-	-0-

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



	Actual Plugging Solids	Mg/L
Total Solids		2.61
Organic		2.32
Iron Sulfides		.21
Calcium as CaCO ₃		.00
Magnesium as MgCO ₃		.00
Sulfate as SO ₄		.00
Insoluble Siliceous Residue		.04

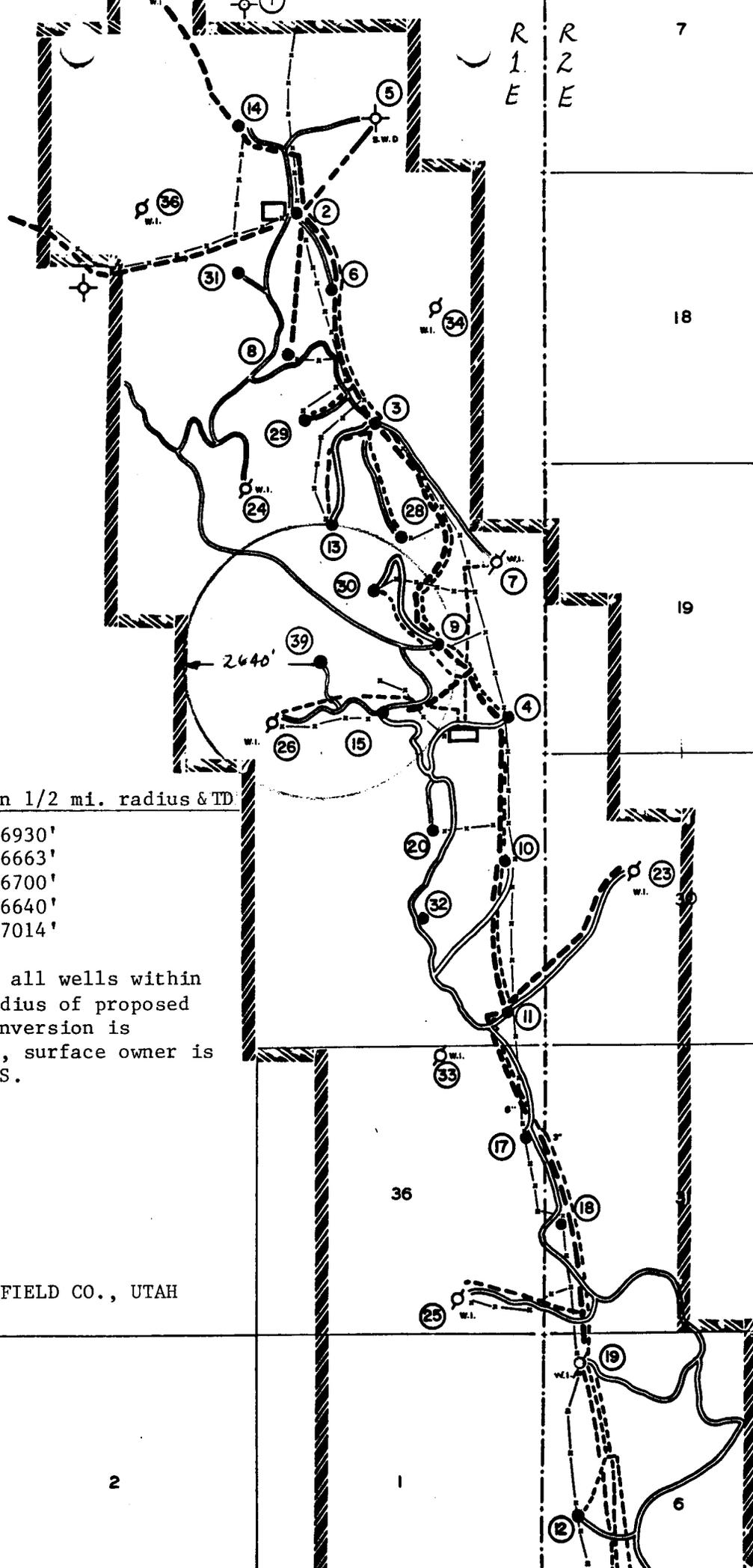
UPPER VALLEY UNIT
FIELD DESCRIPTION

The Upper Valley Unit is a peripheral drive waterflood utilizing 12 water injection wells to re-inject the total field water production of 38,000 BWPD into the Kaibab formation. Currently, one injection well is shut-in due to adverse effects to offset oil production.

Geologically, the Upper Valley Kaibab formation ranges from a dolomitic limestone, which is naturally fractured, to a very porous dolomitic sandstone.

Currently, there are 24 producing wells in the Upper Valley Unit, all of which are completed in the Kaibab. Production is collected and separated at two points in the field, the main tank battery and the satellite tank battery. Oil is separated at each battery and pumped via pipeline 20 miles to the Upper Valley sales terminal where the oil is sold. The water production at each battery is pumped to the water injectors nearest to the respective tank battery.

In addition to the above mentioned wells, there is one Navajo fresh water source well which was originally completed for additional water injection for the waterflood; but it is now used for makeup water for the newly started polymer-augmented waterflood in the field. The Navajo sand is the deepest known fresh water source in the area. No other fresh water source wells are known to exist at any depth within one mile of the unit boundaries. The bottom of the Navajo sand is an average depth of 4500 feet in the field and is on the average 2000 feet above the Kaibab formation.



Wells within 1/2 mi. radius & TD

- UVU #13 - 6930'
- UVU #30 - 6663'
- UVU #9 - 6700'
- UVU #15 - 6640'
- UVU #26 - 7014'

Operator of all wells within 1/2 mile radius of proposed Class II conversion is Tenneco Oil, surface owner is BLM and USFS.

T
36
S

GARFIELD CO., UTAH

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37
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2

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18

19

36

25

17

18

19

6

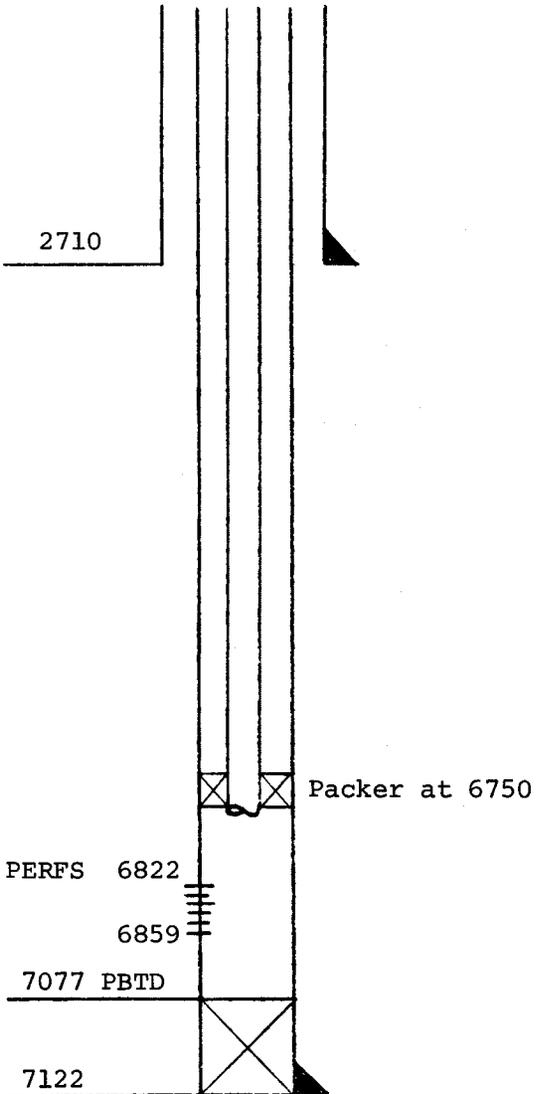


CALCULATION SHEET

COMPANY _____ DEPT. _____

SUBJECT UPPER VALLEY UNIT # 39 WELLBORE SCHEMATIC

LOCATION S24-T36S-R1E BY JWC DATE _____



CASING

9 5/8" OD, 36 LB, K-55 csg w/1365 sx.
Top of cement @ surf. Hole size 14 3/4"

7" OD, 26 LB, K-55 csg w/750/460 sx
Top of cement @ 1100'. Hole Size 8 3/4"

TUBING

3 1/2" OD, 9.3 LB, J-55, 8RD, EUE Tbg

UIC RULE 1-5b
UPPER VALLEY UNIT

ITEM NO.

4

The Kaibab formation at the Upper Valley Unit has an average fracture gradient of .348 psi/ft. Past radioactive injection profile surveys run on selected injection wells in the field indicate that at injection rates as high as 6400 BPD, hydraulic fracturing upward above the Kaibab does not take place, but rather remains in zone. Injection in all cases is below 6,000 BPD. Surface injection pressures corresponding to this rate generally do not exceed 300 psi. Attached are copies of injection surveys for three wells (nos. 5, 16 and 26) which were tested at rates above 6,000 BPD. These surveys illustrate that above-fracturing pressures, no upward migration exists.

UIC RULE 1-5b
UPPER VALLEY UNIT

ITEM NO.

- 5 Design injection rates and surface pressures for Upper Valley injection wells are, as previously mentioned, maintained below 6,000 BPD and 300 psi surface pressures. These parameters are maintained by use of throttling valves or choke valves on each well. Pneumatic control valves are also used to automatically by-pass water if injection pressures exceed the specified 300 psi.

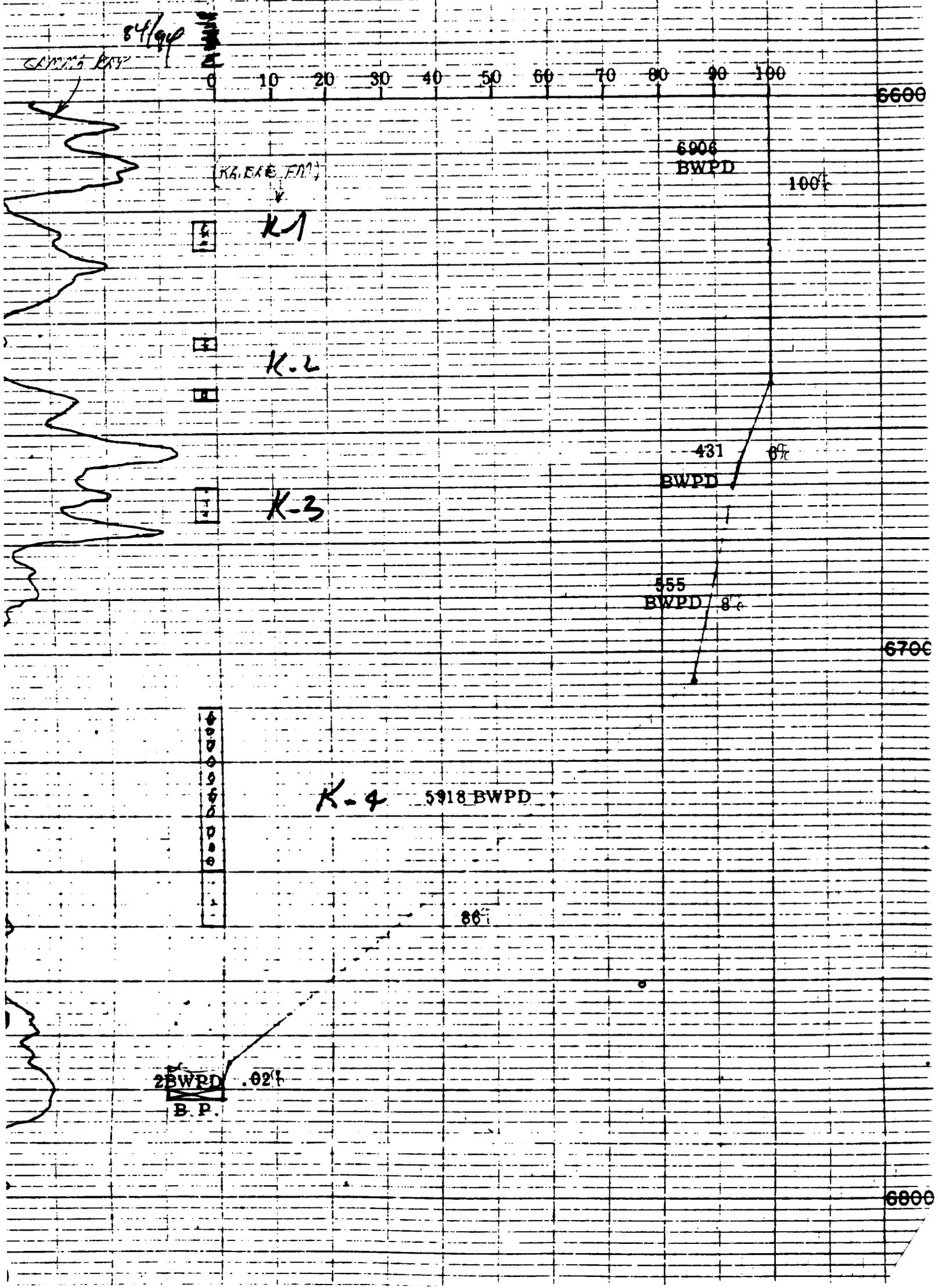
- 6 The Upper Valley system has no means for treating or storage of produced water. All produced water is reinjected as previously stated. Where an injection well shut-in or failure occurs, producing wells are shut-in to prevent over injection.

UVU #5

TENNOCO OIL
UPPER VALLEY UNIT
WELL NO. 5
GARFIELD CO. WASH

FLUID VELOCITY LOG (F/A)

Percentage of Flow in Barrels of Water Per Day



TENNOCO OIL
UPPER VALLEY UNIT
WELL NO. 16
GARFIELD, CO. UTAH

FLUID VELOCITY LOG (R/A)

600

GAMMA RAY

Percentage of Flow in Barrels of Water Per Day

KUBAD FM

0 10 20 30 40 50 60 70 80 90 100

1

K-1

6094
BWPD

100%

400

2

K-2

782

13%

6200

3

K-4

2984 BWPD

49%

196 3%

2132

36%

0

ENNECO OIL
UPPER VALLEY UNIT
WELL NO. 26
GARFIELD CO. UTAH

GAMMA RAY

INJECTIVITY
PROFILE (F/A)

DENSITY

6750'

K1

6800'

WACO ANALYSIS

K2

6850'

K3

13% = 725 B.P.D.

6900'

COMMUNICATED

K4

15% = 837 B.P.D.
13% = 725 B.P.D.
5% = 279 B.P.D.
14% = 781 B.P.D.
7% = 390 B.P.D.
2% = 112 B.P.D.
6% = 336 B.P.D.
1% = 55 B.P.D.
7% = 167 B.P.D.
7% = 390 B.P.D.

6950'

7000'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-019379
2. NAME OF OPERATOR Tenneco Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 3249, Englewood, CO 80155		7. UNIT AGREEMENT NAME Upper Valley Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1764' FSL, 1243' FWL		8. FARM OR LEASE NAME
14. PERMIT NO. 43-017-30130	15. ELEVATIONS (Show whether SP, ST, GR, etc.) 7341' GR	9. WELL NO. 39
		10. FIELD AND POOL, OR WILDCAT Upper Valley
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 24, T36S-R1E
		12. COUNTY OR PARISH 13. STATE Garfield Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input 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 PLANE <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) Convert Well

(NOTE: Report results of multiple completion or 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 subsu-face locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Tenneco requests permission to convert the above referenced well to a water injection well in accordance with the attached detailed procedure.

RECEIVED
FEB 10 1986

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED Ann Jolley TITLE Administrative Operations DATE 2-7-86

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

2710

5391/JWC/2
LEASE Upper Valley Unit
WELL NO. 39

CASING:

9-5/8"OD, 36 LB, K-55 CSG.W/ 1365 SX

TOC @ surf . HOLE SIZE 14-3/4 DATE: 8/23/85

REMARKS _____

7 "OD, 26 LB, K-55 CSG.W/ 750/460 SX

TOC @ 1100 . HOLE SIZE 8-3/4 DATE: 9/17/85

REMARKS _____

"OD, LB, CSG.W/ DATE: SX

TOC @ . HOLE SIZE DATE

REMARKS _____

TUBING:

2-7/8"OD, 6.4 LB, GRADE, 10 RD, NUE CPLG

LANDED @ 6782'. SN, PACKER, ETC. _____

"OD, LB, GRADE, RD, CPLG

LANDED @ . SN, PACKER, ETC. _____

PUMP Submersible RODS ANCHOR _____

DETAILED PROCEDURE:

1. MIRUSU. NDWH.
2. POOH w/2-7/8" 10rd tbg and sub pump.' Lay down pump and tubing. NUBOP.
3. PU and RIH w/3-1/2" 8rd EUE duolined tbg and Baker 7" R-3 pkr. Set pkr at 6750'.
4. Load BS w/corrosion inhibited water and PT to 500 psi.
5. NDBOP. NUWH.
6. NU flowline and POI.

215 JTS + 4' SUB

6822

6859

7077

7122

Tenneco Oil
Exploration and Production
A Tenneco Company

6162 South Willow Drive
P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800



Western Rocky Mountain Division

January 30, 1986

RECEIVED
FEB 11 1986

DIVISION OF
OIL, GAS & MINING

State of Utah
Division of Oil, Gas & Mining
Room 4241, State Office Building
Salt Lake City, Utah 84114

Dear Sirs:

Attached is a permit application to convert the Upper Valley #39 to a Salt Water Injection well.

The following logs were sent to you when the well was drilled in September, 1985:

- 1) GR-SP-DLL-MSFL-CAL
- 2) FDC-CNL-GR-CAL
- 3) BHC-SON-GR

A copy of the cement bond log is attached.

If you need further information please contact John Cook at (303) 740-4842.

Very truly yours,

TENNECO OIL COMPANY

A handwritten signature in cursive script that reads "Martin W. Buys".

Martin W. Buys
Senior Environmental Coordinator

MWB/cmf:2260a

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

12

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. RENVR. Other _____

2. NAME OF OPERATOR
Tenneco Oil Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1243' FWL, 1764' FSL
At top prod. interval reported below
At total depth

RECEIVED

DIVISION OF
OIL, GAS & MINING

14. PERMIT NO. 43-017-30130 DATE ISSUED 7-9-85

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. 39

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 UT

15. DATE SPUDDED 8-15-85 16. DATE T.D. REACHED 9-14-85 17. DATE COMPL. (Ready to prod.) 1-27-86 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7341' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7140' KB 21. PLUG, BACK T.D., MD & TVD 7077' KB 22. IF MULTIPLE COMPL., HOW MANY? 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6822'-6859' KB Kaibab 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL-SP-GR-MSFL-CAD, BHT, FDC-SGT-CNL, CBL-GR-CCL 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
22" (conductor)	114.8#	70' KB	26"	50 SX	
9-5/8"	36#	2710' KB	14-3/4"	1365 SX	
7"	26#	7122' KB	8-3/4"	1210 SX	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
--					2-7/8"	6634' KB	--

31. PERFORATION RECORD (Interval, size and number)
2 JSPF 37', 74 holes
6822'-6859' KB

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6822'-6859' KB	Acid w/7400 gal DI HCl & 122 balls slrs.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
9-27-85	Pump - Reda DN2000	Producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-27-86	12 hr		→	6		1053	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
--	0	→	12		2106		

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

35. LIST OF ATTACHMENTS
Logs to be forwarded

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Ann Tolliver TITLE Administrative Operations DATE 2-11-86

860226

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

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Straight Cliffs	Surface	430'	Sandstone			
Tropic	430'	1304'	Shale			
Dakota	1304'	1609'	Sandstone			
Entrada	1609'	2093'	Sandstone			
Carmel	2093'	3008'	Siltstone, Sandstone, Shale, Anhydrite			
Navajo (Thousand Pockets)	3008'	3138'	Sandstone			
Navajo	3138'	4996'	Sandstone			
Wingate	4996'	5254'	Sandstone/Shale			
Chinle	5254'	5734'	Siltstone/Shale/Limestone/Dolomite			
Shinarump	5734'	5889'	Sandstone			
Moenkopi	5889'	6675'	Shale/Siltstone			
Timpoweap						
K-1	6675'	6724'	Dolomite			
K-2	6724'	6765'	Dolomite			
Kaibab						
K-3	6765'	6796'	Dolomite			
K-4	6796'	6820'	Dolomite			
K-4 parosite	6820'	6898'	Dolomite			
White Rim	6898'	TD	Sandstone			
			All terms expressed in KB.			

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

---oo0oo---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-077
OF TENNECO OIL COMPANY FOR :
ADMINISTRATIVE APPROVAL OF THE :
UPPER VALLEY UNIT #39 WELL, :
LOCATED IN SECTION 24, TOWNSHIP :
36 SOUTH, RANGE 1 EAST, GARFIELD :
COUNTY, UTAH, S.L.M., AS A CLASS :
II ENHANCED RECOVERY WATER :
INJECTION WELL :

---oo0oo---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED
MATTER.

Notice is hereby given that Tenneco Oil Company, P.O. Box 3249,
Englewood, Colorado 80155, has requested administrative approval of
the Upper Valley Unit #39 well, located 1243' FWL and 1764' FSL (NESW)
of Section 24, Township 36 South, Range 1 East, Garfield County, Utah
as a Class II enhanced recovery water injection well.

The proposed operating data for the well is as follows:

Injection Interval: Kaibab Formation 6,822' to 6,859'
Maximum Estimated Surface Pressure: 250 psig
Maximum Estimated Water Injection Rate: 6000 BWPD

Approval of this application will be granted unless objections are
filed with the Division of Oil, Gas and Mining within fifteen days
after publication of this Notice. Objections, if any, should be
mailed to the Division of Oil, Gas and Mining, Attention: UIC Program
Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake
City, Utah 84180-1203.

DATED this 20th day of February, 1986

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. ANDERSON
Administrative Assistant



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 21, 1986

Garfield County News
Panquitch, Utah 84759
Legal Advertizing

Gentlemen:

RE: UIC-077

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 28th day of February. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Marjorie L. Anderson".

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 21, 1986

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main
Salt Lake City, Utah 84111

Gentlemen:

RE: UIC-077

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 28th day of February. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Marjorie L. Anderson".

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A

AFFIDAVIT OF PUBLICATION

**CAUSE NO.
UIC-070-1**

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

IN THE MATTER OF THE AMENDED APPLICATION OF BOW VALLEY PETROLEUM, INC., FOR ADMINISTRATIVE APPROVAL OF THE WILLIAMS 1-21B3 WELL, LOCATED IN SECTION 21, TOWNSHIP 2 SOUTH, RANGE 3 WEST, DUCHESNE COUNTY, UTAH, U.S.M., AS A SALTWATER DISPOSAL WELL.

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that Bow Valley Petroleum, Inc., P.O. Drawer 130, Roosevelt, Utah 84066, has requested an amended administrative approval of the Williams 1-21B3 well, located 1462' FWL and 1390' FSL (NESW) of Section 21, Township 2 South, Range 3 West, Duchesne County, Utah as a saltwater disposal well.

The proposed operating data for the well is as follows:

Injection Interval: Lower Uintah Formation 4646' to 6170' Maximum Estimated Surface Pressure: 1500 psig Maximum Estimated Water Injection Rate: 4000 BWPD.

Approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 26th day of March, 1986.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant
Published in the Uintah Basin Standard April 2, 1986.

County of Duchesne, }
STATE OF UTAH } ss.

I, Craig Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper forone..... consecutive issues, and that the first publication was on the2..... day ofApril....., 19..86., and that the last publication of such notice was in the issue of such newspaper dated the ...2... day of April....., 19...86

Craig Ashby

Subscribed and sworn to before me this 3rd day of April....., 19..86

Jean Z. Crozani
Notary Public.
MY COMMISSION EXPIRES MARCH 1, 1987

My commision expires , 19.....
Publication fee, \$.....

AFFIDAVIT OF PUBLICATION

County of Garfield, State of Utah, ss.

I, Marilyn Sybesma, being first duly sworn, depose and say I am the Legal Secretary of THE GARFIELD COUNTY NEWS, a weekly paper having a bona fide circulation of more than 200 subscribers in the State of Utah, published every Thursday at Garfield County, Utah.

That the notice BEFORE THE DIVISION OF OIL, GAS AND MINING... CAUSE NO. UIC-077a copy of which is attached hereto, was published in said paper for ONE consecutive issues, the first publication having been made in the issue of the 6TH day of MARCH 1986, and the last publication in the issue of the 6TH day of MARCH 1986; that the said notice was published in the regular and entire issue of every number of said paper during the period of times and publication, and that the same was published in the newspaper proper and not in a supplement.

Marilyn Sybesma

Subscribed and sworn to before me this 6TH day of MARCH, 1986.

Christopher N. ...
Notary Public

My Residence is Richfield, Sevier County, Utah.

My Commission Expires November 18, 1986.

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

IN THE MATTER OF THE APPLICATION OF TENNECO OIL COMPANY FOR ADMINISTRATIVE APPROVAL OF THE UPPER VALLEY UNIT No. 39 WELL, LOCATED IN SECTION 24, TOWNSHIP 36 SOUTH, RANGE 1 EAST, GARFIELD COUNTY, UTAH, S.L.M., AS A CLASS II ENHANCED RECOVERY WATER INJECTION WELL.
CAUSE NO. UIC-077

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that Tenneco Oil Company, P.O. Box 3249, Englewood, Colorado 80155, has requested administrative approval of the Upper Valley Unit No. 39 well, located 1243' FWL and 1764' FSL (NESW) of Section 24, Township 36 South, Range 1 East, Garfield County, Utah as a Class II enhanced recovery water injection well.

The proposed operating data for the well is as follows:

Injection Interval: Kaibab Formation 6,822' to 6,859

Maximum Estimated Surface Pressure: 250 psig

Maximum Estimated Water Injection Rate: 6000 BWPD

Approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 20th day of February, 1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING

/ s / Majorie L. Anderson
Administrative Assistant

Published in the Garfield County News, March 6, 1986.

Affidavit of Publication

STATE OF UTAH,
County of Salt Lake

SS.

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH CAUSE NO. UIC-077

IN THE MATTER OF THE APPLICATION OF TENNECO OIL COMPANY FOR ADMINISTRATIVE APPROVAL OF THE UPPER VALLEY UNIT #39 WELL, LOCATED IN SECTION 24, TOWNSHIP 36 SOUTH, RANGE 1 EAST, GARFIELD COUNTY, UTAH, S.L.M. AS A CLASS II ENHANCED RECOVERY WATER INJECTION WELL.

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that Tenneco Oil Company, P.O. Box 3249, Englewood, Colorado 80155, has requested administrative approval of the Upper Valley Unit #39 well, located 1243' FWL and 1784' FSL (NESW) of Section 24, Township 36 South, Range 1 East, Garfield County, Utah, as a Class II enhanced recovery water injection well.

The proposed operating data for the well is as follows:

Injection Interval: Kolob Formation 822' to 859'
Maximum Estimated Surface Pressure: 250 psig
Maximum Estimated Water Injection Rate: 6000 BWPD

Approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 358 West North Temple, 3 Trial Center, Suite 250, Salt Lake City, Utah 84103-1200.

DATED this 20th day of February, 1986.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
MARIE L. ANDERSON
Administrative Assistant

F-29

.....Cheryl Gierloff.....

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

..... Cause No. UIC-077 - Application of Tenneco

..... Oil Company

..... was published in said newspaper on

..... February 28, 1986

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this5th..... day of

.....March..... A.D. 19..86....

B. J. Gause

Notary Public

My Commission Expires

.....March 1, 1988.....

RECEIVED
MAR 07 1986

DIVISION OF OIL, GAS & MINING





STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 18, 1986

Tenneco Oil Company
P.O. Box 3249
Englewood, Colorado 80155

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-077

Administrative approval is hereby granted to convert the following well to a class II enhanced recovery water injection well:

Upper Valley Unit #39
Section 24, Township 36 South, Range 1 East, S.L.M.
Garfield County, Utah

This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the well as outlined in the application submitted.

If you have any questions concerning this matter, please do not hesitate to call or write.

Best regards,

A handwritten signature in cursive script that reads "Dianne R. Nielson".

Dianne R. Nielson
Director

mfp
7627U

Publication was sent to the following:

Utah State Department of Health
Water Pollution Control
Attn: Loren Morton
4241 State Office Building
Salt Lake City, Utah 84114

U.S. Environmental Protection Agency
Suite 1300
Attn: Mike Strieby
999 18th Street
Denver, Colorado 80202-2413

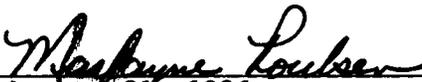
Bureau of Land Management
Box 724
Cedar City, Utah 84720

Bureau of Land Management
Consolidated Financial Center
324 South State Street
Salt Lake City, Utah 84111-2303

Tenneco Oil Company
P.O. Box 3249
Englewood, Colorado 80155

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main
Salt Lake City, Utah 84111

Garfield County News
Legal Advertizing
Panquitch, Utah 84759


February 27, 1986

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLES
(Other instructions on
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Water Injection</u>	
2. NAME OF OPERATOR <u>Tenneco Oil Company</u>	
3. ADDRESS OF OPERATOR <u>P.O. Box 3119 Englewood, CO 80155</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u> <u>1243' FWL 1764' FSL</u>	
14. PERMIT NO. <u>43-017-30130</u>	15. ELEVATIONS (Show whether SP, ST, GR, etc.) <u>7341' GR</u>

5. LEASE DESIGNATION AND SERIAL NO. <u>U-019379</u>	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME <u>Upper Valley Unit</u>	
8. FARM OR LEASE NAME	
9. WELL NO. <u>39</u>	
10. FIELD AND POOL, OR WILDCAT <u>Upper Valley</u>	
11. SEC., T., R., N., OR S.E. AND SUBDIV OR AREA <u>Sec 24 T36S R1E</u>	
12. COUNTY OR PARISH <u>Garfield</u>	13. STATE <u>Utah</u>

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 (Other) <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL (Other) <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	<u>Convert to water injection well</u> <input checked="" type="checkbox"/>	

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8/22/86 MIRUSU. PU and RIH with 3-1/2" tubing and R-3 packer.
8/23/86 Finish RIH with 3-1/2" tubing. Set packer at 6732'. Fill casing with treated production water. NUWH. RDMOSU.

RECEIVED
SEP 12 1986
DIVISION OF
OIL, GAS & MINING

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

SIGNED *A. L. ...* TITLE Sr. Administrative Analyst DATE September 3, 1986

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



UTAH
NATURAL RESOURCES

To: Pam

From: Marlayne 092302

Date: 9/23/86

For your information ~~and file.~~

For necessary action.

Reply directly to origin with a copy to this office.

Please draft a reply for signature of _____

_____ and

return by the following date _____.

Other This well is injected
now - do you put this
notice in the Pendaflex?

Thank

TEENSCO

To File - #39 Upper Valley
1365-RIE-24 Garfield Co.

Date 6/8/87

Speed Message

From S. Hunt

Subject Spill Report by Mr. Jerry Washburn - TeenSCO at
Ejection line break from internal corrosion
loss of cobbles salt water down
Nearby dry wash.
Reported ~ 3:40 PM 6/8/87

Signed 

Operator Change

SUBMIT IN 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 to recomplete wells. Use "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED FEB 01 1988

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

2. NAME OF OPERATOR Tenneco Oil Company No 950

3. ADDRESS OF OPERATOR P.O. Box 3249 Englewood, CO 80155 DIVISION OF OIL, GAS & MINING

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, ST, OR, OR.)

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 B.L.E. AND SURVEY OR AREA Townships 36S, 37S; Range 11

12. COUNTY OR PARISH Garfield 13. STATE Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

PULL OR ALTER CASING [] MULTIPLE COMPLETE [] ABANDON* [] CHANGE PLANN []

WATER SHUT-OFF [] FRACTURE TREATMENT [] SMOOTING OR ACIDIZING [] (Other) Sale of Unit

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

(NOTE: Report results of multiple completion or 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 to Citation

N0950 to N0265

UPPER VALLEY UNIT (Continued)

RECEIVED
FEB 01 1988

DIVISION OF
OIL, GAS & MINING

wlw	Upper Valley #26	SW/SW	Sec. 24, T-36-S, R-1-E	<u>43-017-30036</u> ✓
	Pow/KBAB			
	Upper Valley #27	NW/SE	Sec. 7, T-37-S, R-2-E	<u>43-017-30039</u> ✓
	Pow/KBAB			
	Upper Valley #28	NW/NE	Sec. 24, T-36-S, R-1-E	<u>43-017-30032</u> ✓
	Pow/KBAB			
	Upper Valley #29	SW/SW	Sec. 13, T-36-S, R-1-E	<u>43-017-30034</u> ✓
	Pow/KBAB			
	Upper Valley #30	SE/NW	Sec. 24, T-36-S, R-1-E	<u>43-017-30037</u> ✓
	Pow/KBAB			
	Upper Valley #31	SE/NE	Sec. 14, T-36-S, R-1-E	<u>43-017-30042</u> ✓
	Pow/KBAB			
	Upper Valley #32	NW/SE	Sec. 25, T-36-S, R-1-E	<u>43-017-30043</u> ✓
wlw	Upper Valley #33	NW/NE	Sec. 36, T-36-S, R-1-E	<u>43-017-30047</u> ✓
wlw	Upper Valley #34	SW/NE	Sec. 13, T-36-S, R-1-E	<u>43-017-30065</u> ✓
wlw	Upper Valley #36	NW/NE	Sec. 14, T-36-S, R-1-E	<u>43-017-30048</u> ✓
wlw	Upper Valley #39		Sec. 24, T36S, R1E	<u>43-017-30130</u>

Tennessee Oil Co. to Citicorp Oil and Gas Corp.

N0950 to N0965

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 ✓
W1W 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 ✓
W1W 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 ✓
W1W Upper Valley #16	SW/NE	Sec. 11, T-36-S, R-1-E	43-017-30007 ✓
FFA			
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 ✓
W1W / 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 ✓
FFA			
Upper Valley #22	SE/NW	Sec. 14, T-36-S, R-1-E	43-017-30025 ✓
W1W Upper Valley #23	SE/NW	Sec. 30, T-36-S, R-2-E	43-017-30030 ✓
W1W Upper Valley #24	NE/NE	Sec. 23, T-36-S, R-1-E	43-017-30041 ✓
W1W Upper Valley #25	SW/SE	Sec. 36, T-36-S, R-1-E	43-017-30033 ✓

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"/>		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"/>	
<small>(Other)</small>		<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>	
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 Deal
30032 -
16027
20324
30003
30005
20327
30120 - WIW*

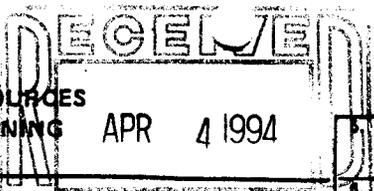
18. I hi
SIG
(TI)
AP.
CO

Administrative Asst. _____ DATE 12/12/90

DATE _____

*Well in
See 24*

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING APR 4 1994



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
Upper Valley

9. WELL NO.
39

10. FIELD AND POOL, OR WILDCAT
Upper Valley Kaibab

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
T36S, R1E Sec. 24

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 Injection

2. NAME OF OPERATOR
Citation Oil & Gas Corp.

3. ADDRESS OF OPERATOR
8223 Willow Place South Ste 250 Houston, Texas 77070

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
T36S, R1E, Sec. 24 1243' FWL & 1764' FSL

14. API NUMBER
43-017-30130

15. ELEVATIONS (Show whether DF, ST, OR, etc.)
7341' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	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 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.)

On December 9, 1993 Citation Oil & Gas Corp. acidized the above well w/500 gal 15% NEFE. Shut in for 1 hr then returned to injection.

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

SIGNED Sharon Ward TITLE Prod. Reg. Supv DATE 3-31-94

(This space for Federal or State office use)

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

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

RECEIVED
APR 1 1994

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Injection		5. LEASE DESIGNATION AND SERIAL NO. U-019379
2. NAME OF OPERATOR Citation Oil & Gas Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 8223 Willow Place South Ste 250 Houston, Texas 77070		7. UNIT AGREEMENT NAME Upper Valley
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface T36S, R1E, Sec. 24 1243' FWL & 1764' FSL		8. FARM OR LEASE NAME Upper Valley
14. API NUMBER 43-017-30130		9. WELL NO. 39
15. ELEVATIONS (Show whether SP, RT, GR, etc.) 7341' GR		10. FIELD AND POOL, OR WILDCAT Upper Valley Kaibab
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA T36S, R1E Sec. 24
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.)		12. COUNTY OR PARISH 13. STATE Garfield Utah

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

NOTICE OF INTENTION TO:

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

FULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

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

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

On December 9, 1993 Citation Oil & Gas Corp. acidized the above well w/500 gal 15% NEFE. Shut in for 1 hr then returned to injection.

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

SIGNED Sharon Ward TITLE Prod. Reg. Supv DATE 3-31-94

(This space for Federal or State office use)

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



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

August 19, 1996

Citation Oil & Gas Corp.
8223 Willow Place S Suite 250
Houston, Texas 77070-5623

Re: Pressure Test for Mechanical Integrity, Injection Wells,
Upper Valley Field, Garfield County, Utah

Gentlemen:

The Underground Injection Control Program which the Division of Oil, Gas and Mining (DOGM) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General Rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five year period beginning October 1982. Our records indicate the above referenced wells are due for testing. Please make arrangements and ready the wells for testing during the week of September 16, 1996 as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.
3. If mechanical difficulties or workover operations make it impossible for the wells to be tested on this date the tests may be rescheduled.



Page 2
Citation Oil & Gas Corp.
August 19, 1996

4. Company personnel should meet DOGM representatives at the field office or other location as negotiated.
5. All bradenhead valves with exception of the tubing on the injection wells must be shut-in 24 hours prior to testing.

Please contact Dan Jarvis at (801)538-5338 to arrange a meeting time and place or negotiate a different date if this one is unacceptable.

Sincerely,



Gil Hunt
Environmental Manager, Oil & Gas

Enclosure

CITATION OIL	43-017-11221	#1	36S	01E	11	INJW
CITATION OIL	43-017-30007	#16	36S	01E	11	INJW
CITATION OIL	43-017-16028	#5	36S	01E	12	INJW
CITATION OIL	43-017-30065	#34	36S	01E	13	INJW
CITATION OIL	43-017-30048	#36	36S	01E	14	INJI
CITATION OIL	43-017-30041	#24	36S	01E	23	INJW
CITATION OIL	43-017-30036	#26	36S	01E	24	INJI
CITATION OIL	43-017-30130	#39	36S	01E	24	INJW
CITATION OIL	43-017-20258	#7	36S	01E	24	INJI
CITATION OIL	43-017-30047	#33	36S	01E	36	INJW
CITATION OIL	43-017-30033	#25	36S	01E	36	INJW
CITATION OIL	43-017-30030	#23	36S	02E	30	INJW
CITATION OIL	43-017-30013	#19	37S	02E	6	INJW

Utah Division of Oil, Gas, and Mining
Casing - Bradenhead Test

Operator: CITATION OIL AND GAS Field/Unit: UPPER VALLEY
 Well: #39 Township: 36S Range: 01E Sect: 24
 API: 43-017-30130 Welltype: INJW Max Pressure: 250
 Lease type: FEDERAL Surface Owner: FOREST

Test Date: 9/16/91

4.00

CASING STRING	SIZE	SET AT	PRESSURE	OBSERVATIONS
---------------	------	--------	----------	--------------

Surface:	9 5/8	2710		
----------	-------	------	--	--

Intermediate:		0		
---------------	--	---	--	--

*300 PSI
held 15 min*

Production:	7	7122		
-------------	---	------	--	--

Other:		0		
--------	--	---	--	--

Tubing:	2 7/8			
---------	-------	--	--	--

Packer:		6750		
---------	--	------	--	--

*Pojans
9/16/91*

Recommendations:

STATE OF UTAH
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

INJECTION WELL - PRESSURE TEST

Test Date: <u>10/2/96</u>	Well Owner/Operator: <u>Citation</u>	
Disposal Well: _____	Enhanced Recovery Well: <u>X</u>	Other: _____
API No.: <u>43-017-30130</u>	Well Name/Number: <u>#39</u>	
Section: <u>24</u>	Township: <u>36S</u>	Range: <u>1E</u>

Initial Conditions:

Tubing - Rate: _____ Pressure: VAC psi
Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

<u>Time (Minutes)</u>	<u>Annulus Pressure</u>	<u>Tubing Pressure</u>
0	_____	_____
5	<u>300</u>	_____
10	<u>300</u>	_____
15	<u>300</u>	_____
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: VAC psi
Casing/Tubing Annulus Pressure: 0 psi

REMARKS:

Passed MIT

Operator Representative

D. James
DOG M Witness

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.

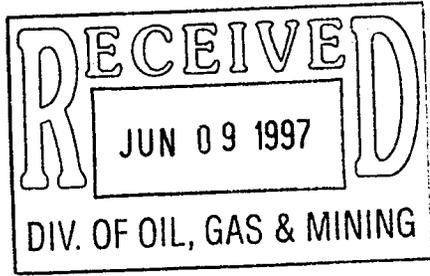
1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: Injection Wells	5. Lease Designation and Serial Number:
2. Name of Operator Citation Oil & Gas Corp.	6. If Indian, Allottee or Tribe Name:
3. Address and Telephone Number: 8223 Willow Place South, Suite 250, Houston, Texas 77070-5623 (281) 469-9664	7. Unit Agreement Name: Upper Valley Unit
4. Location of Well Footages: Various County: Garfield QQ, Sec., T., R., M.: Sec. 6/7, T37S, R2E; Sec. 11, 12, 13, 14, 23, 24, 25 & 36, T36S, R1E; Sec. 30/31, T36S, R2E State: Utah	8. Well Name and Number: Various 9. API Well Number: Various 43-017-30130 10. Field and Pool, or Wildcat: Upper Valley

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 checked="" type="checkbox"/> Other Increase Injection Pressure Fieldwide	<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 Upon Approval	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 approval to increase the permitted injection pressure for this field to a maximum of 500 psi for each well on the attached list. This request is made because current injection pressure requirements exceed the authorized injection pressure allowed under the permit.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 6-7-97
BY: [Signature]



13. Name & Signature: [Signature] **Debra Harris** Title: Regulatory Analyst Date: 6/6/97

(This space for State use only)

Current Permitted Injection Pressures / Injection Rates (per day):

Upper Valley #1	300 psi / 6000 bbls	API #43-017-22100- 11221
Upper Valley #5	300 psi / 6000 bbls	API #43-017-16028
Upper Valley #16	300 psi / 6000 bbls	API #43-017-30007
Upper Valley #19	250 psi / 6000 bbls	API #43-017-30013
Upper Valley #23	300 psi / 6000 bbls	API #43-017-30030
Upper Valley #24	300 psi / 6000 bbls	API #43-017-30041
Upper Valley #25	300 psi / 6000 bbls	API #43-017-30033
Upper Valley #33	300 psi / 6000 bbls	API #43-017-30047
Upper Valley #34	300 psi / 6000 bbls	API #43-017-30065
→ Upper Valley #39	250 psi / 6000 bbls	API #43-017-30130

Per Lisha Cordova, State of Utah, Oil, Gas & Mining

INJECTION WELL - PRESSURE TEST

Well Name: <u>UV # 39</u>	API Number: <u>43-01⁷-30130</u>		
Qtr/Qtr: _____	Section: <u>24</u>	Township: <u>36S</u>	Range: <u>1E</u>
Company Name: <u>Citation Oil</u>			
Lease: State _____	Fee _____	Federal _____	Indian _____
Inspector: <u>D. Jones</u>	Date: <u>10/3/01</u>		

Initial Conditions:

Tubing - Rate: _____ Pressure: _____ psi

Casing/Tubing Annulus - Pressure: _____ psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>0</u>	_____
5	<u>300</u>	_____
10	<u>300</u>	_____
15	<u>300</u>	_____
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: _____ psi

Casing/Tubing Annulus Pressure: _____ psi

COMMENTS: Passal MIT

Kenneth A. Dugg
Operator Representative

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

U 019379

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 # 39

1. Type of Well:

OIL GAS OTHER: **Water Injection Well**

2. Name of Operator

Citation Oil & Gas Corp.

9. API Well Number:

43-017-30130

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: **1243' FWL & 1764' FSL**
QQ, Sec., T., R., M.: **NW SW SEC. 24-36S-1E**

County: **Garfield**
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**

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. proposes to acidize the Upper Valley Unit's nine injection wells with 15% HCL with iron sequesterant, mutual solvent, non-emulsifying agent and inhibitor to reduce injection pressures. The amount will be based on current pressure and perforated intervals.

13.

Name & Signature:

Sharon Ward

Sharon Ward

Title:

Regulatory Administrator

Date:

1/16/02

(This space for State use only)

(12/92)

COPY SENT TO OPERATOR

Date: 01/28/02
Initials: CHS

(See Instructions on Reverse Side)

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

Date: 01-28-02
By: *[Signature]*

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

U 013734

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:
Upper Valley Unit

8. Well Name and Number:

Various

9. API Well Number:

43-019-30130

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, deepen existing wells, or to re-enter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL GAS OTHER: Injection Well

2. Name of Operator

Citation Oil & Gas Corp.

3. Address and Telephone Number:

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

4. Location of Well

Footages:

QQ, Sec., T., R., M:

S-24 T 36S R01E

County: Garfield

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 _____

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 acidize the following injection wells to improve injection performance using a combined total of 7500 gallons of 15% HCl acid containing iron sequestering and chelating agents, surfactant, and non-emulsifying chemicals. A proposed treating volume based on net perforated feet of pay and injection volume capacity is attached.

API #

- Upper Valley Unit 1 - 4301711221
- Upper Valley Unit 5 - 4301716028
- Upper Valley Unit 16 - 4301730007
- Upper Valley Unit 19 - 4301730013
- Upper Valley Unit 23 - 4301730030
- Upper Valley Unit 25 - 4301730033
- Upper Valley Unit 33 - 4301730047
- Upper Valley Unit 34 - 4301730065
- Upper Valley Unit 39 - 4301730130

COPIES SENT TO OPERATOR

Date: 10-29-04
Initials: CHD

13.

Name & Signature:

Bridget Alexander

Bridget Alexander

Title:

Regulatory Assistant

Date:

10/20/04

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

(See Instructions on Reverse Side)

(12/92)

DATE: 10/27/04
BY: *[Signature]*

Federal Approval Of This
Action Is Necessary

RECEIVED

OCT 26 2004

DIV. OF OIL, GAS & MINING

UVU INJECTION WELL ACIDIZING SCHEDULE

<u>UVU WELL #</u>	<u>PROPOSED ACIDIZING VOLUME (gals 15% HCl)</u>
1	600
5	600
16	600
19	1050
23	600
25	950
33	1500
34	400
39	1200

Total = 7500 gallons

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

U 013734

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

Upper Valley Unit

8. Well Name and Number:

Various

9. API Well Number:

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, deepen existing wells, or to re-enter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL GAS OTHER: **Injection Well**

2. Name of Operator

Citation Oil & Gas Corp.

3. Address and Telephone Number:

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

4. Location of Well

Footages:

QQ, Sec., T., R., M.:

County: **Garfield**

State: **Utah**

11. 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 checked="" 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 type="checkbox"/> Other _____ | |

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.)

On 12/28/2004, Citation Oil & Gas Corp. acidized the following wells using a total of 7650 gallons 15% HCL with additives as previously approved by your office. The wells were returned to injection following the acidization.

- Upper Valley Unit 1 - 600 gals displaced with 9 bbls
- Upper Valley Unit 5 - 600 gals displaced with 7 bbls
- Upper Valley Unit 16 - 600 gals displaced with 7 bbls
- Upper Valley Unit 19 - 1050 gals displaced with 25 bbls
- Upper Valley Unit 23 - 1000 gals displaced with 8 bbls
- Upper Valley Unit 25 - 1000 gals displaced with 9 bbls
- Upper Valley Unit 33 - 1200 gals displaced with 47 bbls
- Upper Valley Unit 34 - 500 gals displaced with 7 bbls
- Upper Valley Unit 39 - 1100 gals displaced with 8 bbls

*-T 365 ROIE 5-24
43-019-30130*

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JAN 11 2005

DIV. OF OIL, GAS & MINING

13.

Name & Signature:

Debra Harris

Debra Harris

Title:

Prod/Reg Coordinator

Date:

1/4/2005

(This space for State use only)

INJECTION WELL - PRESSURE TEST

Well Name: <u>UPPER VALLEY UNIT #39</u>	API Number: <u>43017301300000</u>
Qtr/Qtr: _____ Section: <u>24</u>	Township: <u>36S</u> Range: <u>1E</u>
Company Name: <u>CETATEOW</u>	<u>SLBM</u>
Lease: State <u>U-019379</u> Fee _____	Federal _____ Indian _____
Inspector: <u>TOD SMITH</u>	Date: <u>10/24/06</u>

Initial Conditions:

Tubing - Rate: 4331 BBL/DY Pressure: 125 psi

Casing/Tubing Annulus - Pressure: _____ psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	_____	_____
5	_____	_____
10	_____	_____
15	<u>38</u>	_____
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 125 psi

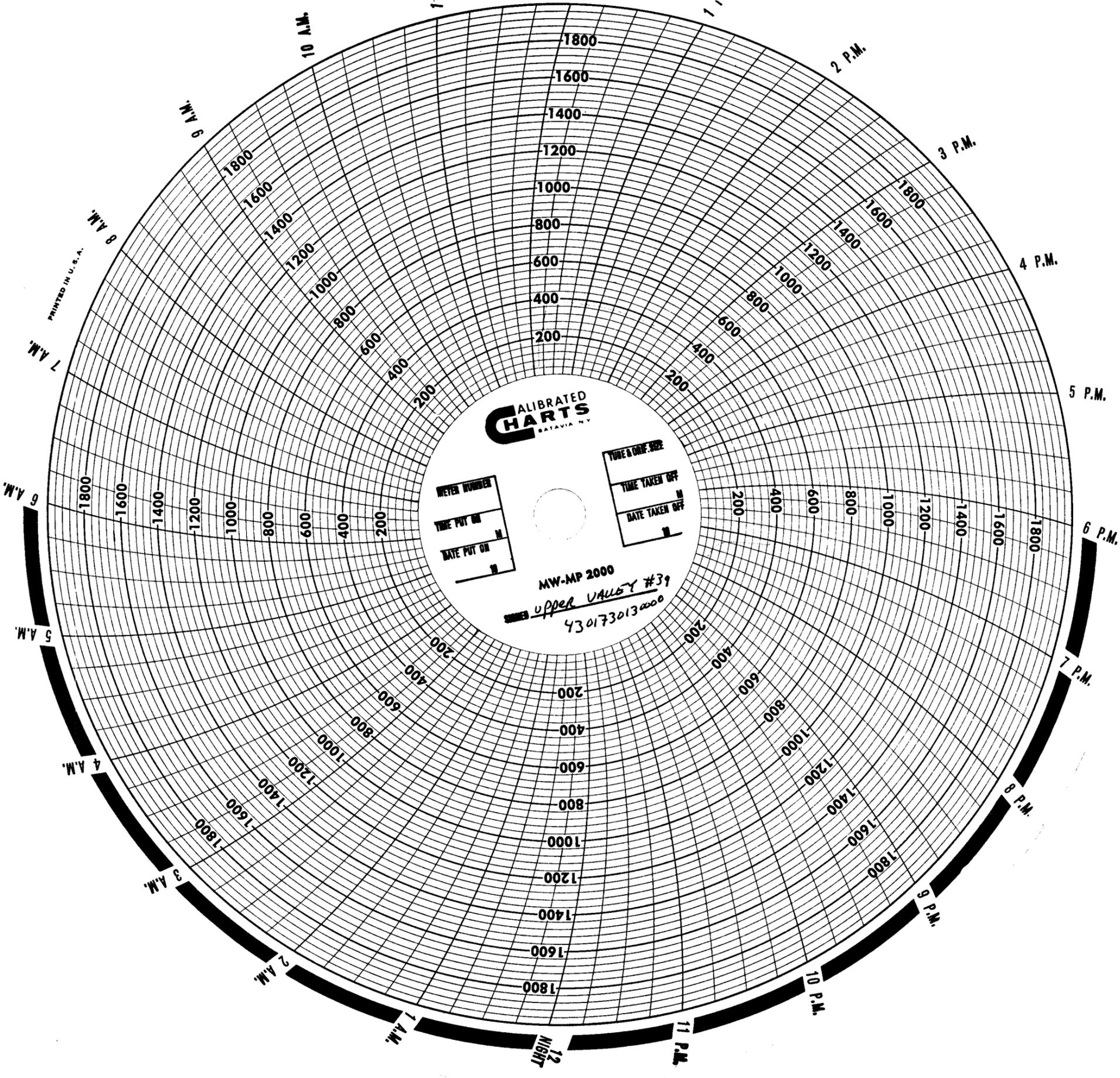
Casing/Tubing Annulus Pressure: _____ psi

COMMENTS: ACTIVE INJECTION WELL 2 BBL PRODUCTION WATER

USCO

Glenn Wilson
Operator Representative

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**CALIBRATED
CHARTS**
BATAVIA, N.Y.

METER NUMBER
TIME PUT ON
DATE PUT ON

TUBE & ORIF. SIZE
TIME TAKEN OFF
DATE TAKEN OFF

MW-MP 2000
UPPER VALLEY #39
4301730130000

0081
0091
1400
1200
1000
008
009
400
200

200
400
600
800
1000
1200
1400
1600
1800

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
U 019379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
Upper Valley 8910081780

8. WELL NAME and NUMBER:
Upper Valley Unit 39

9. API NUMBER:
4301730130

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 Water Injection Well

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

3. ADDRESS OF OPERATOR: PHONE NUMBER:
P.O. Box 690688 CITY Houston STATE TX ZIP 77269-0688 (281) 517-7194

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **1764' FSL & 1243' FWL** COUNTY: **Garfield**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWSW 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 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/24/2006	<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 checked="" type="checkbox"/> OTHER: <u>Mechanical Integrity</u>
	<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.

This well was tested for mechanical integrity on 10/24/2006. A copy of DOGM Inspection Form 6 is attached for your review.

NAME (PLEASE PRINT) Debra Harris TITLE Regulatory Compliance Coordinator
SIGNATURE *Debra Harris* DATE 11/14/2006

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: UPPER VALLEY UNIT 39 API Number: 43017301300000
 Qtr/Qtr: _____ Section: 24 Township: 365 Range: 1E
 Company Name: CETATEOW SLB M
 Lease: State U-019379 Fee _____ Federal _____
 Inspector: TOD SMITH Date: 10/24/06 Indian M

Initial Conditions:

Tubing - Rate: 4331 BBL/DY Pressure: 125 psi
 Casing/Tubing Annulus - Pressure: _____ psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	_____	_____
5	_____	_____
10	_____	_____
15	<u>380</u>	_____
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 125 psi
 Casing/Tubing Annulus Pressure: _____ psi

COMMENTS: ACTIVE INJECTION WELL 2 BBL PRODUCTION WATER
USCO

Glenn Wilson
 Operator Representative

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NOV 1 / 2006

DIV. OF OIL, GAS & MINING

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**CALIBRATED
CHARTS**
BATAVIA, N.Y.

444 39

430730130

METER NUMBER
12:12
TIME PUT ON

365 IE 24

TUBE & ORIF. SIZE
12:17
TIME TAKEN OFF

DATE PUT ON
10/17/2011

DATE TAKEN OFF

MW-MP 2000

SIGNED _____

