

- Scout Report sent out
- Noted in the NID File
- Location map pinned
- Approval or Disapproval Letter
- Date Completed, P. & A, or operations suspended 2-1-60 WDR
- Pin changed on location map
- Affidavit and Record of A & P
- Water Shut-Off Test
- Gas-Oil Ratio Test
- Well Log Filed

*unit well*

*Converted to water injection well*

**FILE NOTATIONS**

Entered in NID File	<input checked="" type="checkbox"/>	Checked by Chief	<input checked="" type="checkbox"/>
Entered On SR Shoot	<input checked="" type="checkbox"/>	Copy NID to Field Office	<input checked="" type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>	Approval Letter	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>	Disapproval Letter	<input checked="" type="checkbox"/>
IWR for State or Fee Land	<input type="checkbox"/>	Location Inspected	<input type="checkbox"/>
COMPLETION DATA		Bond released	<input type="checkbox"/>
Date Well Completed <u>1-12-60</u>		State of Fee Land	<input type="checkbox"/>
OW <input checked="" type="checkbox"/> WOV _____ TA _____			
GW _____ OS _____ PA _____			
Driller's Log <u>5-25-60</u>	LOGS FILED		
Electric Logs (No. ) <u>3</u>			
E _____ I _____ E-I <input checked="" type="checkbox"/>			
Lat. _____ Mi-L _____ GR _____			
		GR-N _____	Micro <input checked="" type="checkbox"/>
		Others <i>Garrett &amp; Bond</i>	



10/2/60

COMPLETION REPORT - NEW WELL  
STANDARD OIL COMPANY OF CALIFORNIA

O+GCC

FIELD: Red Wash

PROPERTY: Section 21A

WELL NO: 14-21A (117)

Sec. 21 T. 7S R. 22E S.L. B. & M.

LOCATION: 931.5' E and 596' N of the SW corner  
of Section 21, T7S, R22E, S1E4

LAND OFFICE: Salt Lake City, Utah  
LEASE NO: U-0560

ELEVATION: 5319' K.B. JOHNSON

XXXXXXXX K.B. is 12.91' above xxx ground

DATE: May 20, 1960

By C. V. CHAPPERTON 5/20/60  
Supt. Production Department

DRILLED BY: Kerr-McGee Oil Industries, Inc.

DATE COMMENCED DRILLING: December 10, 1959

DATE COMPLETED DRILLING: January 12, 1960

DATE OF INITIAL PRODUCTION: February 16, 1960

PRODUCTION:	Daily average, 1st	30	days	Gravity	27.4	° API	Pumping	X
	Oil . . . . .	278	Bbbls.	T. P.	480	PSI	Flowing	
	Water . . . . .	110	Bbbls.	C. P.	500	PSI	Gas Lift	
	Gas . . . . .	384	Mcf.	Beam		/64"		

S U M M A R Y

T.D. 6420'

EFFECTIVE DEPTH: 6106'

CASING: 10-3/4" cmtd @ 425'  
7" cmtd @ 6150'

PERFORATIONS: 4 - 1/2" gun holes  
5722-5724'; 5754-5756';  
5762-5764'; 5776-5778';  
5780-5782'

LOGS RUN:

Schlumberger Induction-ES	6412-427'
Micro-Caliper Log	6412-2000'
McCullough Gamma Ray- Collar Log	6106-4500'
McCullough Tracer Log	6104-5000'

MARKERS: H point - 5176'  
I point - 5354'  
J point - 5618'  
K point - 5751'

DST #1 6085-6126'  
DST #2 5890-5918'

2/1

1/1

WELL NO: 14-21A (117)

PROPERTY: Section 21A

RED WASH FIELD

Cemented 16" conductor at 20'.

Kerr-McGee Oil Industries, Inc. moved in and rigged up December 10, 1959

Spudded : : 8:00 P.M., December 10, 1959.

Drilled 15" hole from 20' to 427'.

Cemented 10-3/4" casing at 425' with 333 sax common cmt and 2% CaCl<sub>2</sub>. Used Halliburton equipment. Circulated pipe to bottom, precede cmt with 10 bbl clear water. Mixed 330 sax 15.5#/gal starting at 2:30 P.M., started displacing with 37 bbl water at 2:45, cmt in place at 2:55 P.M., 25 min mixing and pumping. Had good circ thruout job. Cmt returns to sfc est 15 bbl.

Casing Detail:

Bottom 13 jts 412.12' 10-3/4" 40.5# J-55 ST&C new unknown make smls casing. Fitted with HOWCO guide shoe on bottom.

Top 12.90' in on landing jt.

Landed at 425.02'

Weld on "A" section casing head and pressure tested to 2000 psi. OK.

December 12, 1959

Pressure test BOFB 1800 psi. All OK.

December 13, 1959

Installed JW Analyzer at 1720 0-1 units gas 1720-2296.

December 14, 1959

0-1 units gas 2296-2554

1-3 units gas 2554-2813

December 15, 1959

1-3 units gas 2813-2950

3-7 units gas 2950-3194

December 16, 1959

2-3 units gas 3194-3199

3-5 units gas 3199-3453

Drilled 9" hole 427' to 6420'.

Lost circulation at 3695'

Lost circulation 4165-4175'

Lost circulation 4458-4461'

Lost circulation 4461-4490'

Lost circulation 4740-4775'

Lost circulation 5037-5101'

January 8, 1960

Ran Schlumberger Induction-ES log and recorded from 6412-427' and ran Micro-Caliper log from 6412' to 2000'. H pt - 5176', I pt - 5354', J pt - 5618', and K pt - 5751'.

January 9, 1960

HOWCO made DST of interval 6085-6126. Ran HOWCO straddle tester on dry 4-1/2" D.P. and 550' of 6-3/4" D.C. Bowen ITCO jars, TIW safety jt, hydrospring tester 1" bottom hole choke, bar type backscuttle tool, set pkrs at 6081, 6085 & 6126'. Opened tool @ 1:12 A.M. Open 3 min then took 30 min ICIP. 60 min FLOW period. Weak blow then dead in 30 min.

NGTS. SI for 30 min FCIP. R-c. 189' drilling mud. Resistivity tested 4.0 ohm @ 72°F

WELL NO: 14-21A (117)

PROPERTY: Section 21A

RED WASH FIELD

and 5.5 ohm @ 72°F at 160' above tools and at tools, Resp. ditch sample tested 5.5 ohm @ 4.5°F.

	IH	ICIP	IF	FF	FCIP	FH
Top	2945	1851	60	109	722	2932
Bottom	3000	1844	75	124	670	3000

HOWCO made DST #2 of interval 5890-5918'. Ran HOWCO straddle tester on dry 4-1/2" D.P. and 550' D.C. (6-3/4"), Bowen ITCO jars, TIW safety jt, hydrospring tester, 1" BEM hole choke, backscuttle tool. Set pkrs at 5886, 5890 and 5918'. Opened tool @ 10:59 A.M. Open 3 min, then took 30 min ICIP. 60 min FLOW period. Strong blow. GFS in 4 min. TSTM shutin for 60 min. FCIP. Rec. 830' net rise; 185' drilling fluid testing 5.45 ohm @ 68°F and 645' water testing 3.25 ohm @ 68°F.

	IH	ICIP	IF	FF	FCIP	FH
Top	2885	2248	120	315	2235	2837
Bottom	2900	2265	138	322	2267	2865

January 10, 1960

Cemented 7" csg at 6150' with 365 sacks cement; 290 sacks neat, 75 sacks Latex. Preceded cement with 10 bbls water. 2 1/4 min mixing and 3/4 min disp cement plug. Plug bumped under 1800 psi. Cement in place 12:22 A.M. Landed csg in "as cemented" position with 80,000# on hook. Moved casing 8-10' while displacing cement. Had partial mud returns.

Casing Detail:

Bottom	14 jts or	560.70'	7" 23# N-80 LTRC new Pittsburgh Seamless
Next	2 jts or	34.89'	7" 23# J-55 ST&C unknown new seamless
Next	137 jts or	5,562.81'	7" 23# J-55 ST&C new Lonestar Electric Weld
*total		6,158.40'	Land 8.4' up Landed @ 6,150'

\*inc. guide shoe & flexiflo collar.

January 11, 1960

Picked up 199 jts 2-1/2" UE 8rd J-55 6.5# Lonestar Elec weld tubing and cleaned out to float at 6106'.

Ran McCullough Gamma Ray-Collar log 6106'-4500'. McCullough pick up @ 6107.5'.

Schlumberger 6003' = 6000' McCullough.

Shoot 4 - 1/2" gun holes 5722-5724', 5754-5756', 5762-5764', 5776-5778', 5780-5782'.

Ran 170 jts 5183.79' 2-1/2" UE 6.5# J-55 Lone Star Elec. Weld

7.00' K.B. to tubing head.

5190.79' Depth landed w/notched collar on bottom

Pressure tested frac head and temp tubing hanger to 1250 psi. Held ok.

Pressure tested 6" BOPE to 1200 psi, held 10 min OK.

January 12, 1960

Bled off pressure on 7" csg, test OK.

Fill 7" x 10-3/4" annulus w/30 bbl crude oil.

Rig released 4:00 A.M. 1-12-60.

January 26, 1960

After drlg rig moved off, HOWCO acidized w/1000 gals of penetrating non-emulsifying inhibited acid. Left over night and pumped away. Pumped away @ 2500 psi - Let stand 30 min before starting sand/oil squeeze.

HOWCO sand/oil squeezed well using 12,000 gals burner fuel. Mixed 31,500# of 20-40 sand, 600# Adomite and 10 millicuries of radioactive sand. Displaced with 180 bbls burner fuel. Average rate 27 BPM. Maximum pressure 3000 psi. Instant shut in 1100 psi.

January 29, 1960

R&R Well Service moved on and rigged up.

WELL NO: 14-21A (117)

PROPERTY: Section 21A

RED WASH FIELD

January 30, 1960

Circulated out sand from 5650' to 6106'.

January 31, 1960

Ran McCullough tracer log.

February 1, 1960

Landed tubing at 5602.10'.

Tubing Detail:

1 - G.A.	29'.45"
1 - Sub	10'.06"
1 - P.S.N.	0'.95"
4 jts 2-1/2" J-55	121'.00"
1 P.A.	1'.45"
Baker Safety jt.	0'.85"
178 jts 2-1/2" J-55	5425'.59"
K.B. to tubing head	12'.75"
Total	<u>5602.10"</u>

Rig released.

T. R. HULL

Kelly

Copy H-L-E

Budget Bureau No. 42-R358.4.  
Form Approved.

Form 9-381a  
(Feb. 1961)

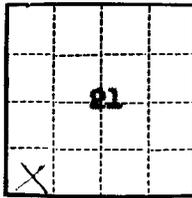
Land Office Salt Lake City

Lease No. U-0560

Unit Red Wash

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



T  
7  
S

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	X	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah August 7, 1963

(14-21A)  
Well No. 117 is located 596 ft. from NE line and 931.5 ft. from W line of sec. 21

SW 1/4 SW 1/4 Sec. 21 T7S R22E S15M  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Red Wash Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

Kelly Bushing

The elevation of the ~~derrick floor~~ above sea level is 5319 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is proposed to convert subject well to a West End water injector as follows:

1. Run casing profile potential, I-Log-E, Casing Caliper and Cement Bond logs.
2. Abrasijet 3 - 60° slots in the K<sub>A</sub> sand at 5820 and 5796'.
3. Test existing blanks and re-cement if necessary.
4. Equip well for selective water injection in K<sub>A</sub>, K and J<sub>g</sub> sand.

Present Production: 6 BOPD, 0 BOPD, 58 MCFD.

Vernal approval received 8-7-63; RE telecon Schooler - Russell

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company California Oil Company, Western Division

Address P. O. Box 455

Vernal, Utah

Original Signed by  
R. W. PATTERSON

By R. W. PATTERSON

Title Field Superintendent

USGS, SLC-3; OSGCC, SLC-16 Gulf, Okla. JCity-1; Gulf, Casper-1; Caulkins-1; Hamble-1; B&E-1; File-1

Lead  
NID  
file  
6/10

*W. H. L. G.*

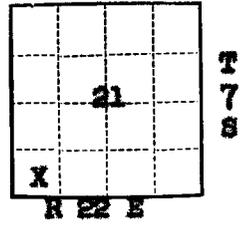
Budget Bureau No. 42-R358.4.  
Form Approved.

Form 9-381a  
(Feb. 1961)

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City  
Lease No. U-0560  
Unit Red Wash

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<b>SUBSEQUENT REPORT OF CONVERSION TO WATER INJECTION</b>	<b>X</b>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah November 20, 19 63

(14-21A)  
Well No. 117 is located 596 ft. from S line and 932 ft. from W line of sec. 21

SW 1/4 SW 1/4 21 7E R2E S1EM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Red Wash Utah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~benchmark~~ above sea level is 5319 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- The subject well was converted to West End water injection service as follows:
1. Ran casing profile potential log, I-Log-E, Casing Caliper, and Cement Bond Log.
  2. Abrasijetted 3 - 60° slots in the K<sub>A</sub> sand at 5820' and 5796'.
  3. Puff tested blanks. Blank 5754-26 communicated.
  4. Set Mg BP at 5810 and retainer at 5735'. Circulated 50 ans Latex cut across blank 5754-26'.
  5. Abrasijetted 3 - 60° slots at 5795, 5777, 5763, 5754, and 5724.
  6. Retested blank 5754-26. Held OK.
  7. Selectively washed perfs with Halso suds and swabbed back.
  8. Set Baker Model "7" packers at 5805, 5740, and 5700'.
  9. Ran injection tubing and started injecting water at 4034 B/D and 933 psi.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company California Oil Company, Western Division  
Address P. O. Box 455  
Vernal, Utah  
Original Signed by R. W. PATTERSON  
By R. W. PATTERSON

*784-2442*

Title Unit Superintendent  
UEGS, SIC-3; OSGCC, SIC-1; Gulf, Okla. City-1; Gulf, Casper-1; Caulkins-1; Humble-1; File-1

4.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THE ENCLOSED\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

PI

OK

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. LEASE DESIGNATION AND SERIAL NO.

**U-0560**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

**Red Wash**

8. FARM OR LEASE NAME

9. WELL NO.

**Unit #117 (14-21A)**

10. FIELD AND POOL, OR WILDCAT

**Red Wash**

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

**Sec. 21, T7S, R22E, SLBM**

1.

OIL WELL  GAS WELL  OTHER **Water Injector**

2. NAME OF OPERATOR

**Chevron Oil Company, Western Division**

3. ADDRESS OF OPERATOR

**P. O. Box 455, Vernal, Utah 84078**

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

**596' FSL & 931.5' FWL of Section 21, T7S, R22E, SLBM**

14. PERMIT NO.

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

**KB 5319'**

12. COUNTY OR PARISH

**Uintah**

13. STATE

**Utah**

16.

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

NOTICE OF INTENTION TO :

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) **Alter Water Inj. Profile**

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF :

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

It is proposed to alter the water injection profile at subject well as follows:

1. Mill up Model "F" packers at 5700, 5740 and 5805'.
2. Perforate 5620-5634 (J) and 5720-5732 (Jg) w/ 2 hyperjets/ft.
3. Straddle perms 5720-5732, B/D w/ fresh water and establish injection rate. Repeat for perms 5620-5634'.
4. Rerun injection string with downhole flow regulators and tandem tension packers for selective injection into all exposed sands.
5. Install injection tree and return well to water injection.

Current Injection Rate: 725 BPD at 800 psi.

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE 6/22/71

BY Clem B. Taylor

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

SIGNED R. W. PATTERSON

TITLE Unit Superintendent

DATE 6/22/71

(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 GEOLOGICAL SURVEY

SUBMIT IN DUPLI 3\*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] DRY [ ] Other Water Injector
b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [X] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other
2. NAME OF OPERATOR: Chevron Oil Co., Western Division
3. ADDRESS OF OPERATOR: P. O. Box 455, Vernal, Utah
4. LOCATION OF WELL: 596' FSL and 931.5' FWL of Sec. 21, T7S, R22E, SLBM
14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED: 6-30-71
16. DATE T.D. REACHED
17. DATE COMPL. (Ready to prod.): 7-8-71
18. ELEVATIONS (DF, RKB, RT, G, etc.): KB-5319
20. TOTAL DEPTH, MD & TVD: 6420'
21. PLUG, BACK T.D., MD & TVD: 5850'
22. IF MULTIPLE COMPL., HOW MANY\*
23. INTERVALS DRILLED BY:
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*: 5620-5732

26. TYPE ELECTRIC AND OTHER LOGS RUN: Refer to original comp. dated 5-20-60
28. CASING RECORD (Report all strings set in well)
Casing size, weight, depth set, hole size, cementing record.

29. LINER RECORD
30. TUBING RECORD
Size, top, bottom, sacks cement, screen, depth.

31. PERFORATION RECORD (Interval, size and number)
5620-34 (J40), 5720-32 (JE50,70), 5724 (JE)
5754 (K), 5763 (K), 5777 (K20,30), 5795 (K40), 5820 (KA30).
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Depth interval, amount and kind of material.

33.\* Injection PRODUCTION
DATE FIRST: 7-9-71
PRODUCTION METHOD: 1500 BWPD at 1700 psi down tubing.
DATE OF TEST, HOURS TESTED, CHOKE SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL.
FLOW, TUBING PRESS., CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL-BBL., GAS-MCF., WATER-BBL.

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

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED: R. L. SCOTT
TITLE: Lead Drgr. Eng.

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

2101212101

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

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

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

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

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	NEAR. DEPTH	SUBMIT. DEPTH
			<p><b>Refer to original completion dated 5-20-60.</b></p> <p style="font-size: 2em; transform: rotate(90deg);">OCT 18 1971</p>			

**38. GEOLOGIC MARKERS**

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY  
 WELL COMPLETION OR RECOMPLETION REPORT AND LOG

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0560

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

1. OIL WELL  GAS WELL  OTHER  Water Injection

2. NAME OF OPERATOR  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 599, Denver, CO 80201

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

596' FSL & 931.5' FWL (SW $\frac{1}{4}$ SW $\frac{1}{4}$ )

9. WELL NO.

117 (14-21A)

10. FIELD AND POOL, OR WILDCAT

Red Wash

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

Sec. 21, T7S, R22E, SLB&M

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 5319

12. COUNTY OR PARISH

Uintah

18. 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 checked="" type="checkbox"/>	ABANDON*	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(Other)	<input type="checkbox"/>		

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

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

It is proposed to clean out well, reperforate & acidize well as follows:

- MIR & RU. ND Tree & NU BOPE. Circ w/injection water. POOH w/tbg and packer.
- GIH w/bit, casing scraper & work storing. CO to 5850. POOH
- RIH w/CIBP. Set at 5815. Damp 5' cement on top of CIBP.
- Perforate as per the attached.
- RIH w/pkr and acidize interval 5753-5800 w/1700 gals 15% HCl
- RIH w/pkr & RBP, straddle & acidize intervals 5720-32 & 5620-34 w/1300 gal 15% HCl. POOH w/pkr & RBP.
- RIH w/plastic coated tbg w/Model "FH" Hydrostatic Packer. Set at 5570.
- Place well on injection.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: JAN. 22 1979

BY: *M.C. Minder*

- 3 - USGS
- 2 - State
- 3 - Partners
- 1 - JCB
- 1 - DLD
- 1 - Sec 723
- 1 - File

No additional surface disturbances required for this activity.

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

SIGNED *[Signature]* TITLE Engineering Assistant DATE January 17, 1979

(This space for Federal or State office use)

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

WELL NAME: RWU 117 (14-21A)

FIELD: Red Wash

PROPOSED TREATMENT PROCEDURE

1. Objective: Increase rate of injection.
2. Size and type of treatment: 1700 gals 15% HCl and 1300 gals 15% HCl
3. Intervals to be treated: 5753-5800 & 5720-32, 5620-34
4. Treatment down casing or tubing: Tubing
5. Method of localizing its effects: A 50% Benzoic Acid Flakes/50% Napthalene mixture to be used as a diverting agent
6. Disposal of treating fluid: Spent acid will be swabbed back
7. Name of company to do work: Dowell, Halliburton or Western
8. Anticipated additional surface disturbances: None
9. Estimated work date: February 7, 1979
10. Present status, current production and producing interval:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
11/78			1857 Down Tubing - 86 Down Tubing- Casing Annulus

WELL NAME: RWU 117 (14-21A)

FIELD: Red Wash

PROPOSED PERFORATING PROCEDURE

1. Changes intended: Reperforate sands.
2. Results anticipated: Increase sand coverage and eliminate corrosion and scale problems.
3. Conditions of well which warrant such work: Decrease in injection rate
4. To be ripped or shot: Shot
5. Depth, number and size of shots (or depth of rips): 3 shots/ft

5620-34  
5720-32  
5753-82  
5790-5800

6. Date last Log of well filed:
7. Anticipated additional surface disturbances: None
8. Estimated work date: February 6, 1979
9. Present production and status:

Date  
11/78

BOPD

MCFD

BWPD

1857 Down Tubing  
86 Down Tubing-  
Casing Annulus

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

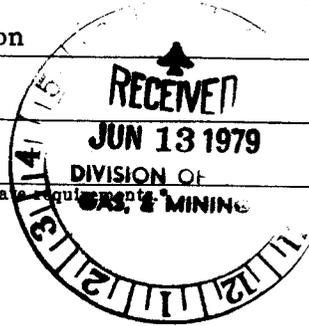
SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection		5. LEASE DESIGNATION AND SERIAL NO. U-0560
2. NAME OF OPERATOR Chevron U.S.A. Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <i>ok pl</i>
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, Colorado 80201		7. UNIT AGREEMENT NAME Red Wash
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 596' FSL and 931.5' FWL (SW $\frac{1}{4}$ SW $\frac{1}{4}$ )		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO. 117 (14-21A)
15. ELEVATIONS (Show whether DF, RT, CR, etc.) KB 5319		10. FIELD AND POOL, OR WILDCAT Red Wash
		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec 21, T7S, R22E
		12. COUNTY OR PARISH Uintah
		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 checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Well was cleaned out , reperfed and acidized as follows:

1. MI and RU. NU BOPE. Released pkr and POOH w/tbg & pkr.
  2. RIH w/bit and scraper. C/O to 5838'.
  3. RIH w/CIBP. Set at 5815. Dumped 5' cmt on top of CIBP.
  4. Perforated. See attached.
  5. Acidized.
  6. RIH w/plastic coated tbg w/Hydrostatic pkr.
  7. RD. Placed well on injection.
- 3- USGS  
2- State  
3- Partners  
1- JCB  
1- File  
1- Sec 723

No additional surface disturbances required for this activity.

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

SIGNED *Jelanda Damar* TITLE Engineering Assistant DATE June 7, 1979

(This space for Federal or State office use)

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

WELL NAME: 117 (14-21A)

FIELD: Red Wash

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips): 3 CJPF

5393-98	5620-34
5332-38	5720-32
5317-22	5753-82
5262-68	5790-5800
5251-58	
5242-48	
5230-38	
5212-18	
5198-5208	

2. Company doing work: Oil Well Perforaters

3. Date of work: 4/27/79

4. Additional surface distrubances: None

5. Production after work:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
4/79			1800 Down Tubing 0 Down Tubing casing annulus

WELL NAME 117 (14-21A)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 1700 gal. 15% HCL and 1300 gal. 15% HCL
2. Intervals treated: 5753-5800, 5720-32, 5620-34
3. Treatment down casing or tubing. tubing
4. Methods used to localize effects: 350 lbs
5. Disposal of treating fluid: swabbed back.
6. Depth to which well was cleaned out:
7. Time spent bailing and cleaning out:
8. Date of work: 5/3/79
9. Company who performed work: Western
10. Production interval: 5620-5800
11. Status and production before treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
11/78			1857 down tubing 86 down tubing - casing annulus

12. Status and production after treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
4/79			1800 down tubing 0 down tubing - casing annulus

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other  Water Injection

2. NAME OF OPERATOR  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 599, Denver, Colorado 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 596' FSL and 931.5' FWL (SW,SW)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-0560

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.  
117 (14-21A)

10. FIELD OR WILDCAT NAME  
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 21, T7S, R22E

12. COUNTY OR PARISH  
Utah

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
KB 5319

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

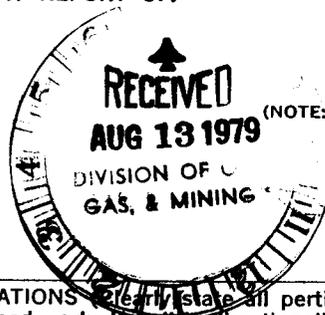
MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

(other) \_\_\_\_\_

SUBSEQUENT REPORT OF:



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

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

Well was CO, perforated and acidized as follows:

1. MI and RU, NU BOPE.
2. Released pkr and POOH, tubing, packer.
3. Fished, milled out remaining pkrs, flow regulators and tubing
4. RIH with bit and scraper. CO to 5838
5. Perforated. See Attached.
6. Acidized. See Attached.
7. POOH and LD tubing, RBP and pkr.
8. PU pkr csg. Set pkr and NU well head.
9. RD.
10. Placed well on injection.

No additional surface disturbances required for this activity.

USGS  
State  
Partners  
JCB  
Sec 723  
File

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Yolanda J. Pama TITLE Engineering Asst. DATE August 6, 1979

(This space for Federal or State office use)

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

WELL NAME F17 (14-21A)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 3000 gal. 15%
2. Intervals treated: 5620-5800
3. Treatment down casing or tubing. tubing
4. Methods used to localize effects: 50% Benzoic acid flakes/50% Napthalene.
5. Disposal of treating fluid: Spent acid was swabbed back.
6. Depth to which well was cleaned out:
7. Time spent bailing and cleaning out:
8. Date of work: May 3, 1979
9. Company who performed work: Western
10. Production interval: 5620-5800
11. Status and production before treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
11/78			1857 down tubing 86 down tubing - casing annulus.

12. Status and production after treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
6/79			2419 down tubing  0 down tubing- Csg annulus

WELL NAME: 117 (14-21A)

FIELD: Red Wash

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips): 3 CJPF

5620-34  
5720-32  
5753-82  
5790-5800

2. Company doing work: Mc Cullough

3. Date of work: May 2, 1979

4. Additional surface disturbances: None

5. Production after work:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
6/79			2419 down tubing
			0 down tubing- Csg annulus

*file*

7  
TP

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

5. LEASE	U-0560
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	
9. WELL NO.	117 (14-21A)
10. FIELD OR WILDCAT NAME	Red Wash
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Sec. 21, T7S, R22E
12. COUNTY OR PARISH	Utah
13. STATE	Utah
14. API NO.	
15. ELEVATION (SHOW DF, KDB, AND WD)	GL 25307

1. oil well  gas well  other Water Injection Well

2. NAME OF OPERATOR  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 596'N & 931.5E of S.W. NENE  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

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

**RECEIVED**  
FEB 14 1983

(NOTE: Report results of multiple completion or zone changes on Form 9-330.)  
DIVISION OF OIL, GAS & MINING

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.)\*

It is proposed to perforate one additional zone in this well and install selective injection equipment.

Acid work will be limited to breaking down perfs unless intervals are plugged.

See attached procedure.

- 3-MMS
- 2-State
- 3-Partner
- 1-JAH
- 1-S. 723
- 1-File

**Additional surface  
facilities required  
for this activity.**

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct  
SIGNED Arlene F. Bush TITLE Engineering Asst. DATE 2-10-83

(This space for Federal or State office use)

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

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
DATE: 2/16/83  
BY: [Signature]

WELL NAME: 117 (14-21A)

FIELD: Red Wash

PROPOSED TREATMENT PROCEDURE

1. Objective: To alter injection profile by excluding K sand to divert water into J sands.
2. Size and type of treatment: 500 gals 15% HCl
3. Intervals to be treated:  
I<sub>E</sub> 5520-5528
4. Treatment down casing or tubing: Casing
5. Method of localizing its effects: No diversion
6. Disposal of treating fluid: Flush acid with formation water
7. Name of company to do work: Halliburton, Dowell or Western
8. Anticipated additional surface disturbances: None
9. Estimated work date: 3/1/83
10. Present status, current production and producing interval:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
12/82	Injecting 1900 BWPD @1000 psi		

WELL NAME: 117 (14-21A)

FIELD: Red Wash

PROPOSED PERFORATING PROCEDURE

1. Changes intended: Exclude K sand and divert water into J sands
2. Results anticipated: Increase production from the J and J<sub>E</sub> sands in the offset producers.
3. Conditions of well which warrant such work: K sand possibly watered out.
4. To be ripped or shot: Shot
5. Depth, number, and size of shots (or depth of rips):

5520 - 28 I<sub>E</sub> 8 ft 16 Shots

6. Date last Log of well filed: -
7. Anticipated additional surface disturbances: None
8. Estimated work date: 3/1/83
9. Present production and status:

<u>Date</u>		<u>BOPD</u>		<u>MCFD</u>	<u>BWPD</u>
12/82	Injecting	±1900	BWPD	@ ±1000	psi

RWU NO. 117 (14-21A)  
Red Wash/West Area

Workover Procedures

1. Monitor SITP to determine weight of kill fluid.
  - 1A. MICR, RU and NU BOP.
2. Kill well and POOH w/injection string.
3. CO to PBTB and notify Denver of PB depth.
4. If PBTB was found to be at 5810, test CIBP to 1500 psi and notify Denver.
5. Isolate K. K/<sub>A</sub> perfs 5753-5800 and check for communication w/J<sub>E</sub> perfs 5720-32. RBP may be required to test this blank if CIBP @ 5815 exists and is leaking. If communication occurs, squeeze cement perfs 5753-5800 (and notches @ 5820 if CIBP @ 5815 doesn't exist) as Denver Drilling specifies. Blank 5732-53 held 6 BPM @ 2500 psi during 1979 acid job.
- ✓ 6. Pressure test casing above top perf to 1000 psi. If necessary, repair casing per Denver Drilling's specifications.
7. Perforate the following interval w/2 shots/ft. using Maximum Penetration Charges in casing gun. Depths picked from Schlumberger IES log dated 01-08-60.

5520-28	I <sub>E</sub>	8 ft	16 shots
---------	----------------	------	----------
8. (This step applies only if K, K/<sub>A</sub> perfs were not squeezed in Step 5). If PBTB was found to be at 5850, set CIBP above, but as close as possible to horizontal notches @ 5820. Cap w/5' cmt. If PBTB was found to be at 5810 but CIBP was leaking, DO existing CIBP, then set new CIBP as above.

9. Isolate J<sub>E</sub> perfs @ 5720-32 and establish an injection rate @ 1000 psi. Notify Denver if communication occurs.
10. Determine if J perfs 5620-34 are open by isolating and pumping into @ 1000 psi.
11. Isolate I<sub>E</sub> perfs @ 5520-28 and break down w/ 500 gal 15% HCl w/ 10 gal/M FE-1A iron sequestering agent, 50 gal/M Parasperse paraffin dispersant, 2 gal/M Tri-S surfactant, 5 gal/M HC-2 suspending agent, 50 #/M Spacer-Sperse dispersant, and 2 gal/M HAI-55 corrosion inhibitor. Over displace acid 50 bbls.
12. Isolate I<sub>E</sub>, J perfs 5520-5634 and establish an injection rate @ 1000 psi.
13. Notify Denver w/ results from Steps 9 and 12 so that orifice size-up can be made.
14. RIH w/ SIE string as follows:

top pkr @ +5470	top mandrel @ +5500
middle pkr @ +5650	middle mandrel @ +5690
bottom pkr @ +5735	bottom mandrel @ +5745
nipple and standing valve @ +5800	

Circulate inhibited pkr fluid and freeze blanket into place.

Note: Omit bottom pkr and mandrel if K, K<sub>A</sub> perfs were squeezed (nipple and standing valve @ +5735)

- 14A. Pressure test casing/tubing annulus to 1000 psi for 15 min.
15. Replace valve blanks (as applicable) as follows:

top mandrel -	per Denver's specifications
middle mandrel -	per Denver's specifications
bottom mandrel -	leave this mandrel plugged

16. Turn well over to RW production.

Note 1: If any perfs are determined to be plugged when pumping in, notify Denver and spot acid or reperforate as instructed.

Note 2: If bottom pkr and mandrel are used, set pkr as high as possible in blank 5732-53. Set mandrel as close to pkr as allowed by mandrel offset - spacing out will be difficult on this installation.

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other Wtr Inj Well

2. NAME OF OPERATOR  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 596' N & 931.5 E of SW NENE  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-0560

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash Unit

8. FARM OR LEASE NAME

9. WELL NO.  
117 (14-21A)

10. FIELD OR WILDCAT NAME  
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 21, T7S, R22E

12. COUNTY OR PARISH  
Uinta

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
GL 5307

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

(other)

SUBSEQUENT REPORT OF

**RECEIVED**

**JUL 26 1983**

**DIVISION OF  
OIL, GAS & MINING**

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

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

An additional zone was perfd & selective injection equipment was installed.

- MIRU, ND tree, NU BOPE, POOH W/2-7/8 and PKR.
- RIH W/Bit & SCRPR. C/O to 5811! POOH W/Same. RIH W/PKR;
- Isolate Perfs 5753-5800', 5720-32, 5620-34, Pmp brn @ 4. BPM, 800 psi. POOH W/PKR.
- Acidize perfs 5520-28 W/500 gal 15% HCL.
- After Brkdown, pmp @ 3 BPM, 1000 psi on isolated perfs 5520-5634'. POOH W/PKR.
- RIH W/Inj string, hydrotst tbg to 5000 psi.
- RD MOL.

PRESENT STATUS: 4-83 14225 BO (CUMM)  
35736 BW (CUMM)  
202315 MCF (CUMM)

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED *Erin M. Leonard* TITLE Engineering Asst. DATE July 20, 1983

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

3-BLM  
2-Stat  
3-Part  
ners  
1-JAH  
1-Sec  
723  
1-File

Form UIC 10  
August, 1982

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

WELL INTEGRITY REPORT

Date 4

Water Disposal Well  Enhanced Recovery Well  Other

DOGM/UIC Cause Number \_\_\_\_\_

Company Chevron USA Inc

Address Red Wash PO Box 599

City and State Fort Collins, Colorado Zip Code 80201

Lease Name or Number V-0560 Well Name or Number 117 Redwash

API Well Number 43-042-16498 Location NE 1/4 of NE 1/4 of \_\_\_\_\_

Section 21 Township 7S Range 22E County Wentworth

Present at Completion: \_\_\_\_\_ Yes  No

Casing Tested in My Presence:  Yes \_\_\_\_\_ No Pressure 1000 PSI 15 Minutes

Packer Tested in My Presence: \_\_\_\_\_ Yes \_\_\_\_\_ No Pressure \_\_\_\_\_ PSI \_\_\_\_\_ Minutes

Surface-Prod. Csg. Annulus \_\_\_\_\_ PSI Prod. Csg.-Tubing Annulus \_\_\_\_\_ PSI

Disposed/Injected Water Sample Taken:

\_\_\_\_\_ Yes  No (Attach water analysis when obtained)

This well seems to be completed in accordance with DOGM Rule I:

Yes \_\_\_\_\_ No \_\_\_\_\_. If NO, write report.

Remarks: Casing pressure tested above top perp at 1000 lbs

I hereby certify that this report is true and complete to the best of my knowledge.

~~Name of Operator~~ \_\_\_\_\_

\_\_\_\_\_  
(Signature) (Title)

Dean B Feight  
DOGM Field Inspector

STATE OF UTAH  
 DIVISION OF OIL, GAS, AND MINING  
 ROOM 4241 STATE OFFICE BUILDING  
 SALT LAKE CITY, UTAH 84114  
 (801) 533-5771  
 (RULE 1-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF  
Chevron U.S.A. Inc.  
 ADDRESS P. O. Box 599  
Denver, CO ZIP 80201  
 INDIVIDUAL      PARTNERSHIP      CORPORATION X  
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
 INJECT FLUID INTO THE ...RWU..No...117..... WELL  
 SEC. 21 TWP. 7S RANGE 22E  
Uintah COUNTY, UTAH

CAUSE NO. \_\_\_\_\_

ENHANCED RECOVERY INJ. WELL   
 DISPOSAL WELL

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>U-0560</u>	Well No. <u>117 (14-21A)</u>	Field <u>Red Wash</u>	County <u>Uintah</u>
Location of Enhanced Recovery Injection or Disposal Well <u>SW<math>\frac{1}{2}</math> SW<math>\frac{1}{2}</math></u> Sec. <u>21</u> Twp. <u>7S</u> Rge. <u>22E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>4/23/83</u>	
Depth-Base Lowest Known Fresh Water Within $\frac{1}{2}$ Mile <u>2700</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within $\frac{1}{2}$ Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What <u>oil &amp; gas</u>
Location of Fresh water from the Green River Injection Source(s)		Geologic Name(s) and Depth of Source(s) <u>Not Applicable</u>	
Geologic Name of Injection Zone <u>Green River</u>		Depth of Injection Interval <u>5520</u> to <u>5800</u>	
a. Top of the Perforated Interval: <u>5520</u>	b. Base of Fresh Water: <u>2700</u>	c. Intervening Thickness (a minus b) <u>2820</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
Lithology of Intervening Zones <u>sand-shale</u>			
Injection Rates and Pressures Maximum = <u>2500 B/D</u> , Working = <u>800</u> B/D Maximum = <u>3000 psi</u> , Working = <u>2000</u> PSI			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent			
<u>Bureau of Land Management, State of Utah</u>			
<u>1400 University Club Building</u>			
<u>136 East South Temple</u>			
<u>Salt Lake City, Utah 84111</u>			

**RECEIVED**  
 JUL 20 1983

State of Colorado  
 County of Denver

R.H. Elliott DIVISION OF  
 Applicant OIL, GAS & MINING  
R.H. ELLIOTT

Before me, the undersigned authority, on this day personally appeared R.H. Elliott 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.

Subscribed and sworn to before me this 19 day of July, 19 83

Louis J. Thompson  
 Notary Public in and for Colorado

SEAL My commission expires July 5, 1987.  
 My commission expires \_\_\_\_\_  
 \_\_\_\_\_ Colorado Blvd.  
 Denver, CO 80222

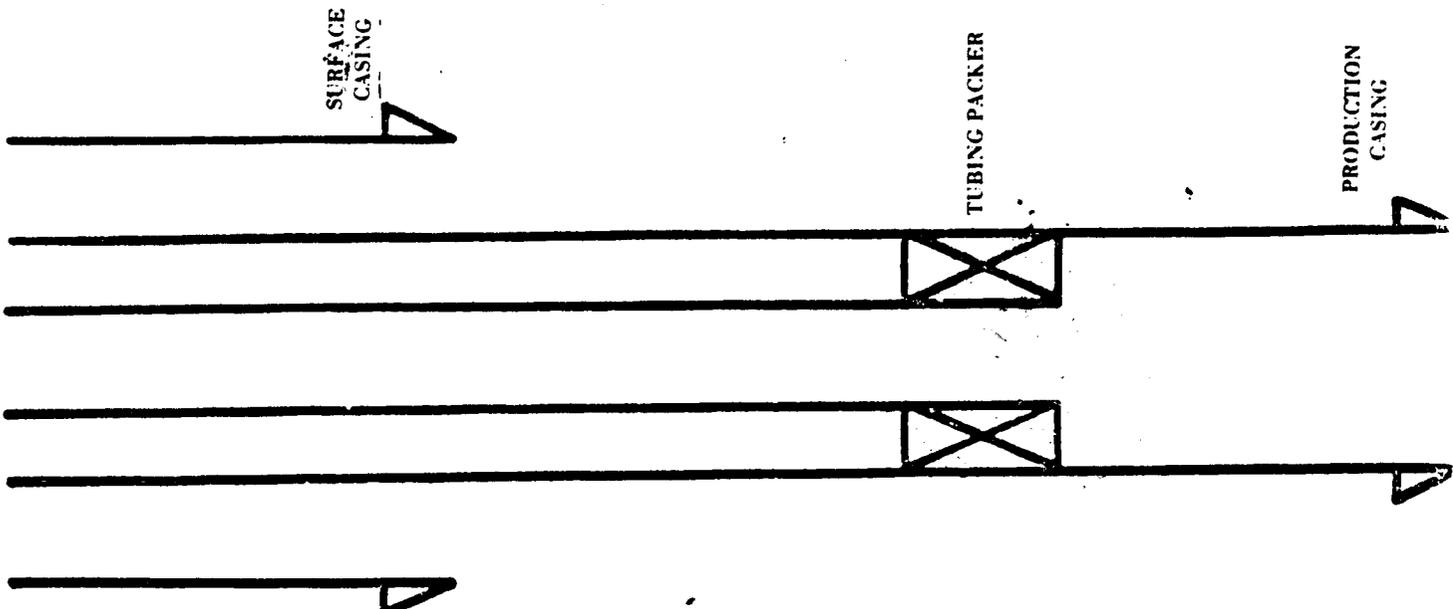
(OVER)

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	10-3/4"	425	333	surface	returns
Intermediate					
Production	7"	6150	365	5170	CBL
Tubing	2-7/8"	5784	Name - Type - Depth of Tubing Packer (3) Baker Model FH packers @ 5454, 5658, 5735		
Total Depth	Geologic Name - Inj. Zone	Depth - Top of Inj. Interval	Depth - Base of Inj. Interval		
6420	Green River	5520	5800		

SKETCH - SUBSURFACE FACILITY



CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

\* \* \* \* \*

Operator: Cherlon Well No. 14-21A (117)  
 County: Vandata T 75 R 22E Sec. 21 API# 43-047-16488  
 New Well  Conversion  Disposal Well  Enhanced Recovery Well

	YES	NO
UIC Forms Completed	<u>✓</u>	
Plat including Surface Owners, Leaseholders, and wells of available record	<u>✓</u>	
Schematic Diagram	<u>✓</u>	
Fracture Information	<u>✓</u>	
Pressure and Rate Control	<u>✓</u>	
Adequate Geologic Information	<u>✓</u>	
Fluid Source	<u>Greenwich</u>	
Analysis of Injection Fluid	Yes <u>✓</u> No <input type="checkbox"/>	TDS <u>5460</u>
Analysis of Water in Formation to be injected into	Yes <u>✓</u> No <input type="checkbox"/>	TDS <u>21,600?</u>
Known USDW in area	<u>Vinton</u>	Depth <u>2700</u>
Number of wells in area of review	<u>7</u> Prod. <u>5</u> P&A <u>1</u>	Water <input type="checkbox"/> Inj. <u>1</u>
Aquifer Exemption	Yes <u>✓</u> NA <input type="checkbox"/>	
Mechanical Integrity Test	Yes <u>✓</u> No <input type="checkbox"/>	
	Date <u>6-14-83</u> Type <u>Fracture</u>	

Comments: Sapoz cement 5170 Ballon 6150

Reviewed by: 

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

Form UIC-2

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 43-047-05415

840 Acres

COUNTY Uintah SEC. 21 TWP. 7S RGE. 22E

COMPANY OPERATING Chevron U.S.A. Inc.

OFFICE ADDRESS P. O. Box 599

TOWN Denver STATE ZIP CO 80201

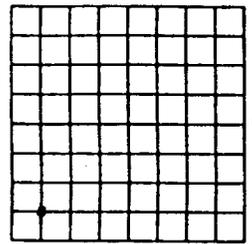
FARM NAME Red Wash WELL NO. 117 (14-21A)

DRILLING STARTED 12/10 19 59 DRILLING FINISHED 1/12 19 60

DATE OF FIRST PRODUCTION 2/60 COMPLETED 2/1/60

WELL LOCATED SW 1/4 SW 1/4  
596 FT. FROM SL OF 1/4 SEC. & 931.5 FT. FROM WL OF 1/4 SEC.

ELEVATION DERRICK FLOOR 5319 GROUND 5307



Locate Well Correctly and Outline Lease

TYPE COMPLETION

Single Zone X Order No. \_\_\_\_\_

Multiple Zone \_\_\_\_\_ Order No. \_\_\_\_\_

Comingled \_\_\_\_\_ Order No. \_\_\_\_\_

LOCATION EXCEPTION Order No. \_\_\_\_\_ Penalty \_\_\_\_\_

OIL OR GAS ZONES

Name	From	To	Name	From	To
Green River	4500	5600			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
10-3/4"	40.5#	J-55	425	2000	333	-	surface
7"	23#	J-55 &N-80	6150	1000	365	-	5170'

TOTAL DEPTH 6420

PACKERS SET DEPTH 5454, 5658, 5735

	1	2	3
FORMATION	Green River		
SPACING & SPACING ORDER NO.	80-acre spacing		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Enhanced recovery		
PERFORATED	5520-28 5620-34	5790-5800	
INTERVALS	5720-32 5753-82		
ACIDIZED?		5720-32 5620-34	5790-5800 5753-82
FRACTURE TREATED?			

INITIAL TEST DATA

Date	2-60		
Oil. bbl./day	278		
Oil Gravity	28		
Gas. Cu. Ft./day	384	M CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	1381		
Water-Bbl./day	110		
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)

*R.H. Elliott*

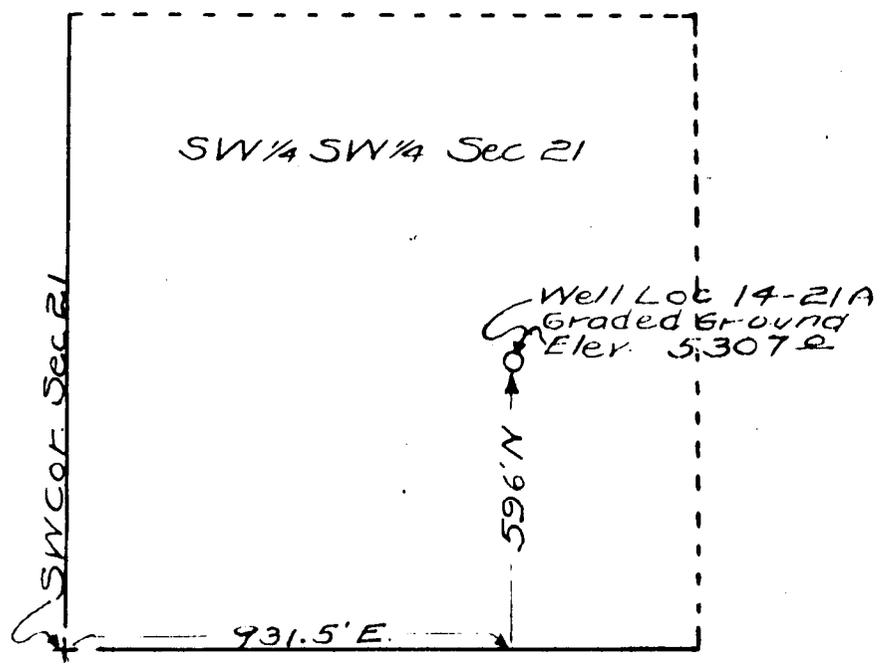
I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone (303) 691-7437 R.H. Elliott - Area Prod. Supt.  
Name and title of representative of company

My commission expires July 5, 1987  
Subscribed and sworn before me this 19 day of July, 19 83  
Leis J. Thompson  
Colorado Blvd.  
CO 80222

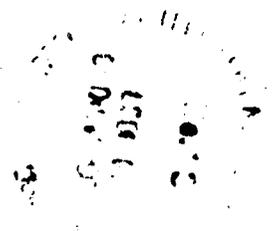
PLAT SHOWING  
LOCATION OF THE STANDARD OIL COMPANY OF  
CALIFORNIA WELL IN THE SW $\frac{1}{4}$  OF THE SW $\frac{1}{4}$  SEC-  
TION 21, TOWNSHIP 7 SOUTH, RANGE 22 EAST,  
SALT LAKE BASE AND MERIDIAN.

Scale of plat 1" = 400 feet.

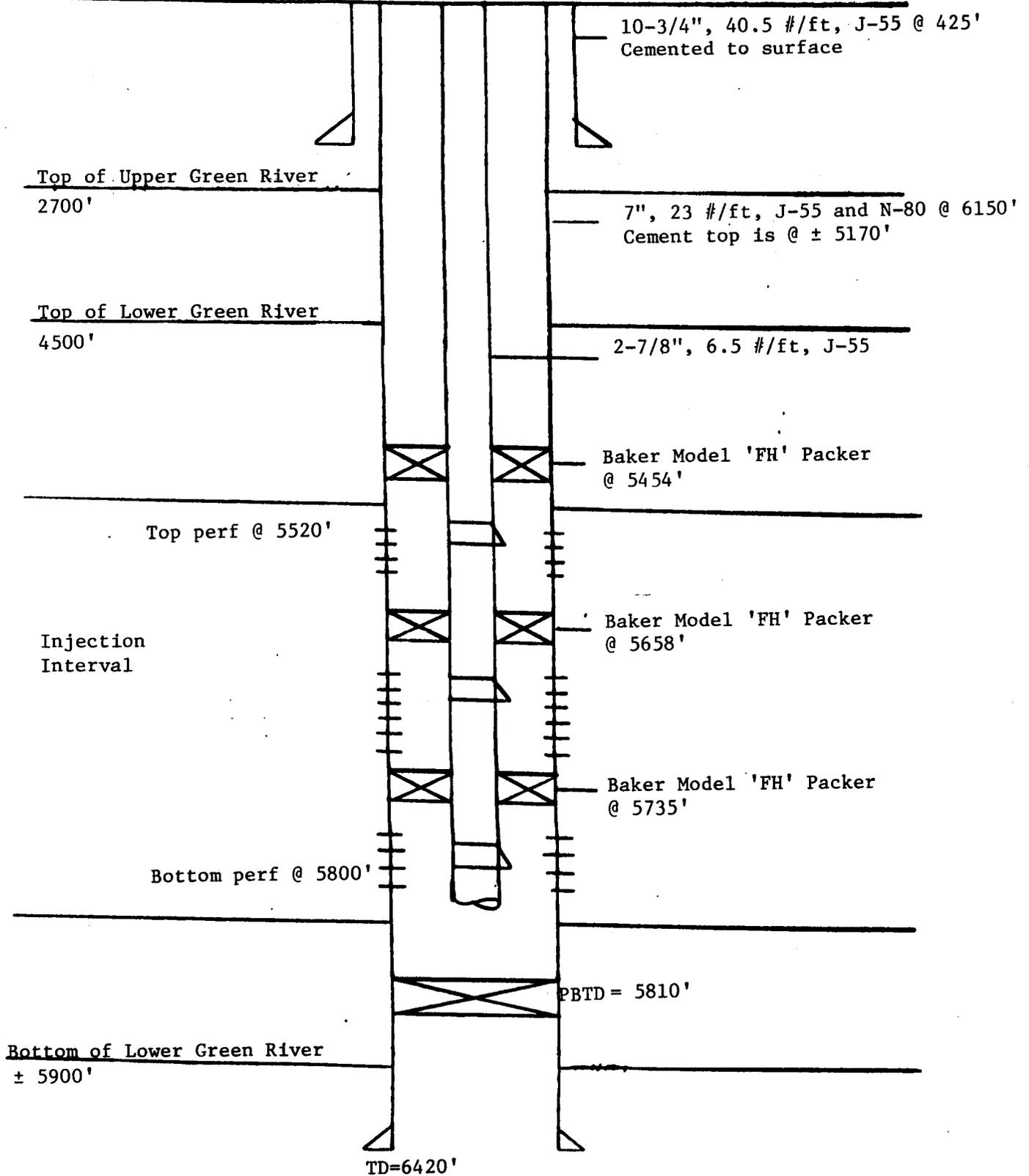


I, Leon P. Christensen of Vernal, Utah, do hereby verify that this plat correctly shows the location of the well shown hereon as surveyed by me on November 17 and 21, 1959, and that levels were run on December 1, 1959; that well is located at a point 931.5 feet East and 596 feet North of the Southwest corner Section 21, Township 7 South, Range 22 East, Salt Lake Base and Meridian.

Leon P. Christensen  
Prof. Engr, and Land Surveyor



Ground Level 5307'



Redwash Unit 117 (14-21A)  
Wellbore Schematic

## CBL DESCRIPTIONS

### Injection Well

#### **RWU No. 117 (14-21A)**

The CBL indicates fair quality bond from TD (6111') to the cement top of 5170' with poor streaks from 6100'-11', 6000'-25', 5585'-5630', 5470'-80', 5430'50', 5350'-5400', and 5240'-90'. The injection interval is 5520'-5800'.

### Offset Producers

#### **RWU No. 85 (34-21A) - SI**

A cement bond log is not available for No. 85 (34-21A). The cement top is calculated to be at  $\pm$  3410'. The production interval is 5444'-5778'.

#### **RWU No. 86 (23-21A)**

The cement bond in No. 86 is generally of fair quality from the cement top at 3950' to TD. Good and poor sections are indicated throughout the cemented interval. Perforations exist within the gross interval 5955'-6125'.

#### **RWU No. 96 (21-28A)**

The cement top in this well is at 3350'. Overall bonding is fair with poor sections at 3350'-4000' and 4250'-4300', and good sections at 4300'-4340', 5650'-5700', and 5800'-5850'. The producing interval is 5514'-5723'.

#### **RWU No. 107 (12-28A)**

The CBL indicates the cement top is at  $\pm$  4850'. The bond from 4900' to 6410' is in general of good quality. The production interval is from 6326' to 6349'. Currently, No. 107 is producing from the Wasatch Formation.

#### **RWU No. 126 (41-29A)**

A cement bond log is not available for No. 126. The cement top is calculated to be at 3232'. Production interval is from 5471' to 5680'.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Gas   
Well  Well  Other  *WTA*

2. Name of Operator  
CHEVRON U.S.A. PRODUCTION CO.

3. Address and Telephone No.  
P.O. BOX 599, DENVER, CO. 80201 (303) 930-3691

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
596 FSL, 932 FWL, SEC. 21, T7S, R23E <sup>22</sup>

5. Lease Designation and Serial No.  
U - 0560

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
RED WASH

8. Well Name and No.  
117 (14-21A)

9. API Well No.  
43-047-16488

10. Field and Pool, or Exploratory Area  
RED WASH - GRN.

11. ~~County~~ <sup>RIVER</sup> of Parish, State  
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent  <input checked="" type="checkbox"/> Subsequent Report  <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other STATUS  <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

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

13. 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.)

THIS INJECTION WELL IS SHUT IN WHILE UPGRADING WELL TEST FACILITIES. WE WILL RE-EVALUATE STATUS AFTER WELL TEST FACILITIES UPGRADES HAVE BEEN COMPLETED.

- 3 - BLM
- 3 - STATE
- 1 - JTC
- 1 - WELL FILE
- 1 - JLW

**RECEIVED**

APR 09 1992

DIVISION OF  
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  
Signed *J. Stanton* Title PERMIT SPECIALIST Date 3/26/92

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well    Gas Well    Other

*W/W*

2. Name of Operator  
**Chevron U.S.A. Inc.**

3. Address and Telephone No.  
**P.O. Box 455, Vernal, Utah 84078 (801) 789-2442**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**596 FSL, 931.5 FWL, SEC. 21, T7S, R22E**

5. Lease Designation and Serial No.  
**U-0560**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
**Red Wash Unit**

8. Well Name and No.  
**RWU #117 (14-21A)**

9. API Well No.  
**43-047-16488**

10. Field and Pool, or Exploratory Area  
**Red Wash-Grn. River**

11. County or Parish, State  
**Uintah, Utah**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other _____ <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well test facility upgrades were completed in 1992. We plan to re-evaluate this shut-in injection well during 1993.

**RECEIVED**

FEB 18 1993

DIVISION OF  
OIL GAS & MINING

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

Signed

*Chanc' Prough*

Title

*Opac. Assistant*

Date

02/09/93

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS  
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.  
**U-0560**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
**Red Wash Unit**

8. Well Name and No.  
**RWU #117 (14-21A)**

9. API Well No.  
**43-047-16488**

10. Field and Pool, or Exploratory Area  
**Red Wash-Grn. River**

11. County or Parish, State  
**Uintah, Utah**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Gas   
Well  Well   Other

2. Name of Operator  
**Chevron U.S.A. Inc.**

3. Address and Telephone No.  
**P.O. Box 455, Vernal, Utah 84078 (801) 789-2442**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**596' FSL, 931.5' FWL, SEC. 21, T7S, R22E**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other \_\_\_\_\_
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note) Report results of multiple completion as Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

We propose to P&A the subject well per the attached procedure.

**RECEIVED**

ACCEPTED BY THE STATE / AUG 02 1993

OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DIVISION OF

DATE: **8-3-93** OIL, GAS & MINING

BY: *J. Matthews*

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

Signed

*Christina Kough*

Title

*Oper Assistant*

Date

**07/30/93**

(This space for Federal or State office use)

Approved by:

*Federal Approval of this  
Action is Necessary*

Title

Date

Conditions of approval, if any:

**RED WASH UNIT  
UINTAH COUNTY, UTAH**

**RWU #117 (14-21A)  
PLUGGING PROCEDURE**

1. MIRU. ND WH AND NU BOPE.
2. CUT TUBING ABOVE SIE AT ~5430' AND TOH.
3. CLEAN OUT WELL TO ~5430' WITH BIT AND SCRAPER.
4. SET CIBP AT 5400' AND DUMP BAIL 35' OF CEMENT ON TOP. DISPLACE WELLBORE TO ~3500' WITH 9.2 PPG BRINE.
5. OIL SHALE INTERVAL IS ESTIMATED AT 3700-3960'. PERFORATE AT 4010' AND SET CICR AT 3750'. SQUEEZE -115 SX. CLASS H CEMENT BELOW CICR AND SPOT -20 SX. CLASS H ON TOP OF CICR. CIRCULATE CLEAN AND DISPLACE WELLBORE TO ~3000' WITH 9.2 PPG BRINE.
6. GREEN RIVER FORMATION TOP IS AT 3133'. ISOLATE BY PERFORATING AT 3233' AND SETTING CICR AT 3133'. SQUEEZE -55 SX. CLASS H BELOW CICR AND SPOT -25 SX. CLASS H ON TOP. CIRCULATE CLEAN AND DISPLACE WELLBORE WITH 9.2 PPG BRINE.
7. PERFORATE AT 300' AND ESTABLISH CIRCULATION DOWN 7" CASING AND UP 7" X 10-3/4" ANNULUS. CEMENT CASING AND ANNULUS FROM 300' TO SURFACE USING ~165 SX. CLASS H CEMENT.
8. CUT OFF WELLHEAD AND INSTALL DRY HOLE MARKER.
9. NOTIFY OPERATIONS TO REHABILITATE LOCATION PER BLM GUIDELINES.





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500  
DENVER, COLORADO 80202-2466

SEP 3 1993

RECEIVED  
SEP 09 1993

Ref: 8WM-DW

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

DIVISION OF  
OIL, GAS & MINING

Mr. John T. Conley  
Chevron U.S.A. Production Company  
P. O. Box 455  
Vernal, UT 84078

RE: UNDERGROUND INJECTION CONTROL (UIC)  
Approval of P & A Plans  
Red Wash Unit (RWU)  
Uintah County, Utah

Dear Mr. Conley:

In accordance with the telephone conversation between your Mr. Steve McPherson and Chuck Williams of this office, we have reviewed and hereby approve the revised plugging and abandonment plans as submitted, dated July 22, 1993, for the following wells:

RED WASH FIELD

EPA PERMIT NO.

RWU #98 (21-22A)	UT2000-02359
RWU #22 (41-18C)	UT2000-02427
RWU #105 (32-29A)	UT2000-02431
RWU #117 (14-21A)	UT2000-02432
RWU #146 (12-21A)	UT2000-02436

*T. 75, R. 22E, S-21 16488*

Within sixty (60) days from the date of plugging and abandonment operations, please submit EPA Form 7520-13, Plugging Record, (copy enclosed), for each well, showing the details as to how each well was actually plugged.

Please direct all correspondence to the ATTENTION: CHUCK WILLIAMS, CITING MAIL CODE 8WM-DW. Thank you for your continued cooperation.

Sincerely,

*Max H. Dodson*  
Max H. Dodson, Director  
Water Management Division

Enclosure

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil Gas  
 Well  Well  Other

2. Name of Operator  
**CHEVRON U.S.A. PRODUCTION COMPANY**

3. Address and Telephone No.  
**P. O. BOX 455, VERNAL, UT 84078 (801) 781-4302**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**596' FSL, 931.5' FWL, SEC. 21, T7S/R22E**

5. Lease Designation and Serial No.  
**U-0560**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
**RED WASH UNIT**

8. Well Name and No.  
**RWU #117 (14-21A)**

9. API Well No.  
**43-047-16488**

10. Field and Pool, or Exploratory Area  
**RED WASH-GRN. RIVER**

11. County or Parish, State  
**UINTAH, UTAH**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>6 MOS. EXTENSION (P&amp;A)</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**We request a 6 mos. extension on our proposal to P&A the subject well.**

ACCEPTED BY THE STATE  
OFFICE OF THE COMMISSIONER OF  
OIL, GAS, AND MINING

FEB 16 1994

DATE: 2-17-94  
BY: [Signature]

14. I hereby certify that the foregoing is true and correct.  
Signed [Signature] Title Operations Assistant Date 02/14/94

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil Gas  
 Well  Well  Other

2. Name of Operator  
**CHEVRON U.S.A. PRODUCTION COMPANY**

3. Address and Telephone No.  
**11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**596' FSL, 931.5' FWL, SEC. 21, T7S/R22E**

5. Lease Designation and Serial No.  
**U-0560**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
**RED WASH UNIT**

8. Well Name and No.  
**RWU #117 (14-21A)**

9. API Well No.  
**43-047-16488**

10. Field and Pool, or Exploratory Area  
**RED WASH-GRN. RIVER**

11. County or Parish, State  
**UINTAH, UTAH**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

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

13. 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)

**Subject well has been reclaimed as per BLM specifications.**

14. I hereby certify that the foregoing is true and correct  
Signed Chana Hough Title Operations Assistant Date 07/05/94

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.  
**U-0560**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
**RED WASH UNIT**

8. Well Name and No.  
**RWU #117 (14-21A)**

9. API Well No.  
**43-047-16488**

10. Field and Pool, or Exploratory Area  
**RED WASH-GRN. RIVER**

11. County or Parish, State  
**UINTAH, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil Gas  
 Well  Well  Other

2. Name of Operator  
**CHEVRON U.S.A. PRODUCTION COMPANY**

3. Address and Telephone No.  
**11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**596' FSL, 931.5' FWL, SEC. 21, T7S/R22E**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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)

Subject injector was P&A'd between 06/24/94 and 06/29/94 as follows:

- MIRU. Tested casing to 500 PSI; good. Cut tubing at 5444'.
- RIH with bit and scraper to 5439'.
- POOH with bit and scraper and set CIBP at 5404'. Dump bailed 35' cement on top.
- Perforated at 3820' using 4 JSPF.
- RIH with 7" CICR and set at 3517'. Pumped 115 sx. Class H Cement below CICR, stung out and spotted 10 sx. on top.
- Perforated at 3069' using 4 JSPF.
- RIH with 7" CICR and set at 2873'. Pumped 75 sx. Class H Cement below CICR, stung out and spotted 10 sx. on top.
- Perforated at 475' using 4 JSPF. Established circulation down casing and up annulus. Pumped 240 sx. Class H Cement to surface, hole stood full.
- Cut off wellhead, installed P&A marker and notified Operations to reclaim location.

JUL 11 1994

All voids between cement plugs were filled with 9.2 ppg brine. P&A operations were witnessed by Carol Kubly with the BLM.

14. I hereby certify that the foregoing is true and correct.  
Signed *Sam Hough* Title Operations Assistant Date 07/05/94

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil Gas  
 Well  Well  Other MULTIPLE WELLS SEE ATTACHED LIST

2. Name of Operator  
**CHEVRON U.S.A. INC.**

3. Address and Telephone No  
**11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA, Agreement Designation  
**RED WASH UNIT  
I-SEC NO 761**

8. Well Name and No.

9. API Well No.

10. Field and Pool, or Exploratory Area  
**RED WASH - GREEN RIVER**

11. County or Parish, State  
**UINTAH, UTAH**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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)

As of January 1, 2000 Chevron U.S.A. INC. resigns as Operator of the Red Wash Unit.  
The Unit Number is I-SEC NO 761 effective October 31, 1950.

The successor operator under the Unit Agreement will be  
**Shenandoah Energy Inc.**  
475 17th Street, Suite 1000  
Denver, CO 80202

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.  
By: M. Solich  
Mitchell L. Solich  
President

**RECEIVED**  
**DEC 30 1999**  
DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
Signed A. E. Wacker A. E. Wacker Title Assistant Secretary Date 12/29/99

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any \_\_\_\_\_

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.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

FEB 07 2000

DIVISION OF  
OIL, GAS AND MINING

IN REPLY REFER TO  
UT-931

February 4, 2000

Shenandoah Energy Inc.  
Attn: Rae Cusimano  
475 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Red Wash Unit  
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)

Division of Oil, Gas & Mining  
Minerals Adjudication Group U-932  
File - Red Wash Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:2/4/00

Well Status Report  
Utah State Office  
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: 8920007610								
UTU0566	4304715135	1 (41-26B) RED WASH NENE	26	T	7S	R23E TA		CHEVRON U S A INCORPORATED
UTU082	4304715141	10 (12-23B) RED WASH SWNW	23	T	7S	R23E OSI		CHEVRON U S A INCORPORATED
UTU0559	4304715219	100A (43-21A) RED WA NESE	21	T	7S	R22E WIW		CHEVRON U S A INCORPORATED
UTU0567	4304715220	101 (34-21B) RED WAS SWSE	21	T	7S	R23E POW		CHEVRON U S A INCORPORATED
UTU0561	4304715221	102 (41-24A) RED WAS SENE	24	T	7S	R22E WIW		CHEVRON U S A INCORPORATED
UTU081	4304715222	103 (34-15B) RED WAS SWSE	15	T	7S	R23E TA		CHEVRON U S A INCORPORATED
<del>UTU0559</del>	<del>4304715223</del>	<del>104 (14-22A) RED WAS SWSW</del>	<del>22</del>	<del>T</del>	<del>7S</del>	<del>R22E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU0560</del>	<del>4304716487</del>	<del>105 (32-29A) RED WASH SWNE</del>	<del>29</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU02148</del>	<del>4304715224</del>	<del>106 (12-17C) RED WAS SWNW</del>	<del>17</del>	<del>T</del>	<del>7S</del>	<del>R24E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU0558</del>	<del>4304715225</del>	<del>107 (12-28A) RED WAS SWNW</del>	<del>28</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU0567	4304715226	108 (32-21B) RED WAS SWNE	21	T	7S	R23E POW		CHEVRON U S A INCORPORATED
UTU02025	4304715227	109 (21-28B) RED WAS NENW	28	T	7S	R23E POW		CHEVRON U S A INCORPORATED
UTU0566	4304715142	11 (34-27B) RED WASH SWSE	27	T	7S	R23E WIW		CHEVRON U S A INCORPORATED
UTU0559	4304715228	110 (23-23A) RED WAS NESW	23	T	7S	R22E POW		CHEVRON U S A INCORPORATED
UTU0561	4304715229	111 (32-24A) RED WAS SWNE	24	T	7S	R22E TA		CHEVRON U S A INCORPORATED
UTU0558	4304715230	112 (32-28A) RED WAS SWNE	28	T	7S	R22E POW		CHEVRON U S A INCORPORATED
<del>UTU0558</del>	<del>4304715232</del>	<del>114 (41-28A) RED WAS NENE</del>	<del>28</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU02030	4304715233	115 (21-19B) RED WAS NENW	19	T	7S	R23E POW		CHEVRON U S A INCORPORATED
<del>UTU0558</del>	<del>4304715234</del>	<del>116 (23-28A) RED WAS NESW</del>	<del>28</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU0560</del>	<del>4304716488</del>	<del>117 (14-21A) RED WAS SWSW</del>	<del>21</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU0560	4304715236	119 (43-29A) RED WAS NESE	29	T	7S	R22E POW		CHEVRON U S A INCORPORATED
<del>UTU082</del>	<del>4304716474</del>	<del>12 (41-24B) RED WASH NENE</del>	<del>24</del>	<del>T</del>	<del>7S</del>	<del>R23E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU02025	4304715237	120 (23-28B) RED WAS NESW	28	T	7S	R23E TA		CHEVRON U S A INCORPORATED
UTU081	4304715238	121 (13-13B) RED WAS NWSW	13	T	7S	R23E PGW		CHEVRON U S A INCORPORATED
UTU081	4304715239	122 (24-14B) RED WAS SESW	14	T	7S	R23E POW		CHEVRON U S A INCORPORATED
<del>UTL066446A</del>	<del>4304715240</del>	<del>123 (43-13A) RED WAS NESE</del>	<del>13</del>	<del>T</del>	<del>7S</del>	<del>R22E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU0558</del>	<del>4304715241</del>	<del>124 (14-28A) RED WAS SWSW</del>	<del>28</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU02030	4304715242	125 (34-19B) RED WAS SWSE	19	T	7S	R23E POW		CHEVRON U S A INCORPORATED
UTU0560	4304715243	126 (41-29A) RED WAS NENE	29	T	7S	R22E POW		CHEVRON U S A INCORPORATED
UTU02030	4304715244	127 (12-19B) RED WAS SWNW	19	T	7S	R23E POW		CHEVRON U S A INCORPORATED
<del>UTU0559</del>	<del>4304715245</del>	<del>128 (32-23A) RED WAS SWNE</del>	<del>23</del>	<del>T</del>	<del>7S</del>	<del>R22E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU081	4304715246	129 (14-15B) RED WAS SWSW	15	T	7S	R23E POW		CHEVRON U S A INCORPORATED
UTU081	4304715143	13 (14-22B) RED WASH SWSW	22	T	7S	R23E TA		CHEVRON U S A INCORPORATED
<del>UTL071965</del>	<del>4304715247</del>	<del>130 (32-27C) RED WAS SWNE</del>	<del>27</del>	<del>T</del>	<del>7S</del>	<del>R24E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU0559</del>	<del>4304715248</del>	<del>131 (41-22A) RED WAS NENE</del>	<del>22</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU0823</del>	<del>4304715249</del>	<del>132 (32-5F) RED WASH SWNE</del>	<del>5</del>	<del>T</del>	<del>8S</del>	<del>R24E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU0566	4304715250	133 (41-34B) RED WAS NENE	34	T	7S	R23E POW		CHEVRON U S A INCORPORATED
<del>UTU02025</del>	<del>4304716489</del>	<del>134 (14-28B) RED WAS SWSW</del>	<del>28</del>	<del>T</del>	<del>7S</del>	<del>R23E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU0116</del>	<del>4304715251</del>	<del>135 (12-18B) RED WAS SWNW</del>	<del>18</del>	<del>T</del>	<del>7S</del>	<del>R23E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU02030	4304715252	136 (43-19B) RED WAS NESE	19	T	7S	R23E TA		CHEVRON U S A INCORPORATED
UTU02030	4304715253	137 (34-28B) RED WAS SWSE	28	T	7S	R23E TA		CHEVRON U S A INCORPORATED
UTU02025	4304715254	138 (41-30B) RED WAS NENE	30	T	7S	R23E POW		CHEVRON U S A INCORPORATED
<del>UTU02025</del>	<del>4304716490</del>	<del>139 (43-29B) RED WAS NESE</del>	<del>29</del>	<del>T</del>	<del>7S</del>	<del>R23E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU081	4304715144	14 (14-13B) RED WASH SWSW	13	T	7S	R23E WIWSI		CHEVRON U S A INCORPORATED
UTU081	4304715255	140 (24-22B) RED WAS SESW	22	T	7S	R23E POW		CHEVRON U S A INCORPORATED
UTU0566	4304715256	141 (11-27B) RED WAS MNW	27	T	7S	R23E TA		CHEVRON U S A INCORPORATED
<del>UTU0571</del>	<del>4304716491</del>	<del>142 (12-33A) RED WAS SWNW</del>	<del>33</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU081	4304715257	143 (33-14B) RED WAS NWSE	14	T	7S	R23E POW		CHEVRON U S A INCORPORATED

Well Status Report  
Utah State Office  
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
UTU0116	4304715258	144 (21-18B) RED WAS NENW	18	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU081	4304715259	145 (24-13B) RED WAS SESW	13	T	7S	R23E OSI	CHEVRON U S A INCORPORATED	
<del>UTU0559</del>	<del>4304716492</del>	<del>146 (12-21A) RED WAS SWNW</del>	<del>21</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>	<del>CHEVRON U S A INCORPORATED</del>	
UTU081	4304715260	147 (22-22B) RED WAS SENW	22	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU081	4304715261	148 (13-22B) RED WAS NWSW	22	T	7S	R23E WIW	CHEVRON U S A INCORPORATED	
<del>UTU0571</del>	<del>4304715262</del>	<del>149 (21-33A) RED WAS NENW</del>	<del>33</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>	<del>CHEVRON U S A INCORPORATED</del>	
UTU02148	4304715145	15 (32-17C) RED WASH SWNE	17	T	7S	R24E PGW	CHEVRON U S A INCORPORATED	
UTU081	4304715263	150 (31-22B) RED WAS NWNE	22	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU081	4304715264	151 (42-14B) RED WAS SENE	14	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
<del>UTU02148</del>	<del>4304716493</del>	<del>152 (41-17C) RED WAS NENE</del>	<del>17</del>	<del>T</del>	<del>7S</del>	<del>R24E P+A</del>	<del>CHEVRON U S A INCORPORATED</del>	
UTU02025	4304715265	153 (14-29B) RED WAS SWSW	29	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
STATE	4304716494	154 (41-32B) RED WAS NENE	32	T	7S	R23E P+A	CHEVRON USA INC	
<del>UTU0571</del>	<del>4304715266</del>	<del>155 (23-33A) RED WAS NESW</del>	<del>33</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>	<del>CHEVRON U S A INCORPORATED</del>	
UTU081	4304715267	156 (23-15B) RED WAS NESW	15	T	7S	R23E WIW	CHEVRON U S A INCORPORATED	
UTU02025	4304715268	158 (32-30B) RED WAS SWNE	30	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
<del>UTU0571</del>	<del>4304715269</del>	<del>159 (14-33A) RED WAS SWSW</del>	<del>33</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>	<del>CHEVRON U S A INCORPORATED</del>	
UTU02030	4304716475	16 (43-28B) RED WASH NESE	28	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU081	4304715270	160 (32-15B) RED WAS SWNE	15	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU02030	4304715271	161 (14-20B) RED WAS SWSW	20	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU02030	4304715272	162 (12-20B) RED WAS SWNW	20	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
<del>UTU0570</del>	<del>4304715273</del>	<del>163 (34-33A) RED WAS SWSE</del>	<del>33</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>	<del>CHEVRON U S A INCORPORATED</del>	
UTU02025	4304715274	164 (12-28B) RED WAS SWNW	28	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU0566	4304715275	165 (32-26B) RED WAS SWNE	26	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
<del>UTU0562</del>	<del>4304715276</del>	<del>166 (23-14A) RED WAS NESW</del>	<del>14</del>	<del>T</del>	<del>7S</del>	<del>R22E ABD</del>	<del>CHEVRON U S A INCORPORATED</del>	
UTU0567	4304715277	167 (23-21B) RED WAS NESW	21	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU082	4304715278	168 (23-24B) RED WAS NESW	24	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0569	4304715146	17 (41-20B) RED WASH NENE	20	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU081	4304716495	170 (41-15B) RED WAS NENE	15	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
<del>UTU0570</del>	<del>4304715279</del>	<del>171 (32-33A) RED WAS SWNE</del>	<del>33</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>	<del>CHEVRON U S A INCORPORATED</del>	
UTU02030	4304715280	172 (21-30B) RED WAS NENW	30	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0569	4304716496	173 (21-21B) RED WAS NENW	21	T	7S	R23E WIW	CHEVRON U S A INCORPORATED	
UTU0933	4304715281	174 (21-20B) RED WAS NENW	20	T	7S	R23E WIW	CHEVRON U S A INCORPORATED	
<del>UTU0558</del>	<del>4304715282</del>	<del>175 (34-28A) RED WAS SWSE</del>	<del>28</del>	<del>T</del>	<del>7S</del>	<del>R22E ABD</del>	<del>CHEVRON U S A INCORPORATED</del>	
UTU02030	4304715283	176 (31-28B) RED WAS NWNE	28	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU02030	4304715284	177 (42-28B) RED WAS SENE	28	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU081	4304715285	178 (22-13B) RED WAS SENW	13	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
<del>UTU0570</del>	<del>4304715286</del>	<del>179 (43-33A) RED WAS NESE</del>	<del>33</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>	<del>CHEVRON U S A INCORPORATED</del>	
<del>UTU02149</del>	<del>4304715147</del>	<del>18 (41-19C) RED WASH NENE</del>	<del>19</del>	<del>T</del>	<del>7S</del>	<del>R24E ABD</del>	<del>CHEVRON U S A INCORPORATED</del>	
UTU082	4304715287	180 (31-23B) RED WAS NWNE	23	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU02025	4304715288	181 (34-30B) RED WAS SWSE	30	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU0933	4304716497	182 (14-21B) RED WAS SWSW	21	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU081	4304715289	183 (33-13B) RED WAS NWSE	13	T	7S	R23E WIW	CHEVRON U S A INCORPORATED	
UTU0566	4304715290	184 (23-26B) RED WAS NESW	26	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU081	4304716498	185 (41-14B) RED WAS NENE	14	T	7S	R23E WIWSI	CHEVRON U S A INCORPORATED	
<del>UTU02030</del>	<del>4304716499</del>	<del>186 (12-30B) RED WAS SWNW</del>	<del>30</del>	<del>T</del>	<del>7S</del>	<del>R23E P+A</del>	<del>CHEVRON U S A INCORPORATED</del>	
UTU02030	4304715291	188 (23-20B) RED WAS NESW	20	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
STATE	4304715292	189 (41-16B) RED WAS NENE	16	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0566	4304715148	19 (34-26B) RED WASH SWSE	26	T	7S	R23E GSI	CHEVRON U S A INCORPORATED	
<del>UTU0560</del>	<del>4304716500</del>	<del>190 (34-29A) RED WAS SWSE</del>	<del>29</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>	<del>CHEVRON U S A INCORPORATED</del>	

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH	4-KAS
2. CDW ✓	5-SAV ✓
3. JLT	6-FILE

Enter date after each listed item is completed

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:

01/01/2000

**FROM:** (Old Operator):

CHEVRON USA INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300

Account No. N0210

**TO:** ( New Operator):

SHENANDOAH ENERGY INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078

Phone: 1-(435)-781-4300

Account No. N4235

**CA No.**

**Unit: RED WASH**

**WELL(S)**

NAME	API	ENTITY	SECTION	TOWNSHIP	RANGE	LEASE
RWU 123 (43-13A)	43-047-15240	5670	13	07S	22E	FEDERAL
RWU 117 (14-21A)	43-047-16488	99998	21	07S	22E	FEDERAL
RWU 104 (14-22A)	43-047-15223	5670	22	07S	22E	FEDERAL
RWU 131 (41-22A)	43-047-15248	5670	22	07S	22E	FEDERAL
RWU 128 (32-23A)	43-047-15245	5670	23	07S	22E	FEDERAL
RWU 107 (12-28A)	43-047-15225	5670	28	07S	22E	FEDERAL
RWU 114 (41-28A)	43-047-15232	5670	28	07S	22E	FEDERAL
RWU 116 (23-28A)	43-047-15234	5670	28	07S	22E	FEDERAL
RWU 124 (14-28A)	43-047-15241	5670	28	07S	22E	FEDERAL
RWU 105 (32-29A)	43-047-16487	99998	29	07S	22E	FEDERAL
RWU 142 (12-33A)	43-047-16491	99996	33	07S	22E	FEDERAL
RWU 145 (24-13B)	43-047-15259	5670	13	07S	23E	FEDERAL
RWU 143 (33-14B)	43-047-15257	5670	14	07S	23E	FEDERAL
RWU 135 (12-18B)	43-047-15251	5670	18	07S	23E	FEDERAL
RWU 144 (21-18B)	43-047-15258	5670	18	07S	23E	FEDERAL
RWU 140 (24-22B)	43-047-15255	5670	22	07S	23E	FEDERAL
RWU 12 (41-24B)	43-047-16474	99998	24	07S	23E	FEDERAL
RWU 141 (11-27B)	43-047-15256	5670	27	07S	23E	FEDERAL
RWU 134 (14-28B)	43-047-16489	99996	28	07S	23E	FEDERAL
RWU 106 (12-17C)	43-047-15224	5670	17	07S	24E	FEDERAL
RWU 130 (32-27C)	43-047-15247	5670	27	07S	24E	FEDERAL
RWU 132 (32-5F)	43-047-15249	5670	05	08S	24E	FEDERAL
RWU 139 (43-29B)	43-047-16490	99996	29	07S	23E	FEDERAL

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/30/1999
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08/09/2000

