

Well converted to Water injection as of February, 1963

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief RSD

Copy NID to Field Office

Approval Letter In Unit

Disapproval Letter

COMPLETION DATA:

Date Well Completed 2-2-61

OW WW TA

GW OS PA

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log 4-10-61

Electric Logs (No.) 2

E I E-I GR GR-N Micro

Lat Mi-L Sonic Others

Salt Lake City

(SUBMIT IN TRIPLICATE)

Land Office

Lease No. **U-0205**

Unit **Red Wash**

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R 23 E

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	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			

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

Vernal, Utah **November 21,** 19**60**

Well No. **(139) 43-29B** is located **1895** ft. from **[NS]** line and **660** ft. from **[E]** line of sec. **29B**

NE 1/4 SE 1/4 29 **78** **23E** **SE 1/4**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Red Wash **Uintah** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the **Kelly Dushing** ~~drainage~~ above sea level is **5573** 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 drill a well at above location to produce oil from the Lower Green River sands.
10-3/4" casing to be cemented at 217'.
5-1/2" casing to be cemented below lowermost productive sands with sufficient cement to fill to 4000'.

Top Green River - 2973'
"H" Point - 4897'
"K" Point - 5498'

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

Company **Standard Oil Company of California, Western Operations, Inc.**

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

By **C. V. CHRISTENSEN** 11/31/61
Title **District Superintendent**

USGS, SLC-31, OAGCC-1, Gulf-1,
Caulkins-1; File-1

completion report -- new well



STANDARD OIL COMPANY OF CALIFORNIA, WESTERN OPERATIONS, INC.

ON ECC

FIELD: Red Wash

PROPERTY: Section 29B

WELL NO: L3-29B (139)

Sec. 29 T. 7S R. 23E S.L. B. & M.

LOCATION: 1895° N and 600° W of SE corner, Sec. 29

LAND OFFICE: Salt Lake City
LEASE NO.: U-0205

ELEVATION: 5573' K.B.

K.B. is 12.5' above mat.

DATE: March 2, 1961

STANDARD OIL COMPANY OF CALIFORNIA
BY STANDARD OIL COMPANY OF CALIFORNIA, WESTERN OPERATIONS, INC.

C. V. CHAFFERTON 3/29/61

Supt. , Producing Department

DRILLED BY: Kerr-McGee Oil Industries, Inc.

COMMENCED

DATE COMMENCED DRILLING: January 4, 1961

DATE COMPLETED DRILLING: February 2, 1961

DATE OF INITIAL PRODUCTION: February 19, 1961

PRODUCTION: Daily average, 1st	30	days	Gravity	23.9	°API	Pumping	X
Oil	478	Bbls.	T. P.		PSI	Flowing	
Water	27	Bbls.	C. P.		PSI	Gas Lift	
Gas	250	Mcf.	Bean		/64"		

SUMMARY

T.D. 5905'

EFFECTIVE DEPTH: 5895'

CASING: 10-3/4" cmtd @ 228'
5-1/2" cmtd @ 5900'

PERFORATIONS: Circular notch @ 5885'
Vertical notches @ 5581-5583';
5592-5595'

LOGS RUN:

Schlumberger IES	5890-230'
Microlog	5892-2000'
McCullough Gamma	
Collar Log	5895-4500'

MARKERS:

TGR	= 3000'
"G"	= 4760'
"H"	= 4897'
"I"	= 5100'
"J"	= 5366'
"K"	= 5498'
"KB"	= 5572'
"KD"	= 5633'
"KE"	= 5672'
"L"	= 5758'
"LB"	= 5848'

DST #1 - 5575-5605'
#2 - 5880-5896'
#3 - 5635-5659'
#4 - 5506-5530'
#5 - 5506-5516'

JK

WELL NO: 43-29B (139)

PROPERTY: Section 29B

RED WASH FIELD

Kerr-McGee Oil Industries, Inc. Rig #1 moved in and rigged up. Well spudded at 12:00 Midnight, January 4, 1961.

Drilled 15" hole SFC to 230'.

Cemented 10-3/4" casing at 228' with 160 sack common cement and 2% CaCl₂. Used displacement method and Halco equipment. Proceeded cmt w/10 bbls clear water, started mixing at 6:45 A.M., mixed 160 sack common cmt w/2% CaCl₂ to avg slurry wt 15.5#/gal, started displacing at 8:55 A.M., displaced with 20 bbls calc to leave 30' in casing. Cement in place at 9:00 A.M. Had full circ, est 7 bbls green cmt returns.

Casing detail:

Bottom 215.87' 5 jts, 10-3/4", 40.5#, J-55 new smls Youngstown csg,
incl Larkin shoe

Top 12.70' In on landing joint
228.57'

Cut-off 10-3/4" casing 35" below top of cellar. Welded on "A" section csg head and pressure tested to 2000 psi w/grease.

Installed ROPE, pressure tested to 1200 psi, held OK 20 min. Chk'd operation of Kelly stop-cock.

Drl'd 7-7/8" hole 228' to 698'

January 5, 1961 to January 16, 1961

Drl'd 7-7/8" hole from 698' to 5540'. Lost circulation at 3340-3400', 4575-4580' and 4675-4700'.

January 17, 1961 and January 18, 1961

Core #1, 5540-5630'. Rec 90'. (7-13/16" hole)

5540-5556' Dark to light brown to dark olive-green oil shale and mudstone with stks, inclusions, pods and laminae of lt grey sandy siltst.

5556-5558' Mottled oil stained ss. Very fine grained well sorted. Mottled bright yellow to dull gold fluor.

5558-5565' Olive-grn marlstone and chocolate brn oil shale with inclusions, pods and laminations of gy spy siltst. Dull brown fluor on oil shale.

5565-5599' Brn oil ss, fine grained, well rounded qtz grains, very difficultly friable to very well cemented in stks where no oil stain is noted. Good pet odor and even golden fluor where oil stained. Oil bleeding from core.

5599-5605' Sandy siltst w/laminations. Olive-green marlst. No SCP.

5605-5611' Gy ss fine grained w/stks & incl gy siltst and vert fraccs 5605-5606'. No SCP. Looks tight.

5611-5614' Brn oil sh w/stks grn mudst

5614-5616' Gy sd

5616-5627' Dk brn oil shale, dull brn fls.

5627-5630' Frc broken gy ss. No SCP.

January 18, 1961 to January 20, 1961

Drl'd 7-7/8" hole 5630-5890'. Lost and regained circulation 5640-5855'.

WELL NO: 43-29B (139)

PROPERTY: Section 29B

RED WASH FIELD

January 21, 1961

Ran Schlumberger induction ES and micro caliper log recorded. IES 5890-230' and microlog 5892-2000'. TCR 3000', G point 4760', H point 4897', I point 5100', J point 5366', K point 5498', K_B point 5572', K_D point 5633', K_E point 5672', L point 5758', L_B point 5848'. Took selected sidewall samples.

Depth	Rec.	Description
5886'	1"	Brown tan to grey tan fine grained sub angular (crushed) limey qtz ss. Even gold fluor on less limey portion, mottled on lite limey portion.
5776'	1"	Grey white very fine grained crushed sil calc qtz sandstone. No odor, stain, fluorescence.
5751'	3/4"	Grey white fine grained calc qtz sandstone. No odor, stain, fluor.
5743'	3/4"	As at 5751'.
5716'	1/2"	As at 5751'.
5692'	1/4"	Lt tan sandy ostracodal coquina. Dull brown-red fluor.
5679'	1/4"	Grey-white fine grained limey silty qtz ss. No odor, stain or fluorescence.
5654'	1/2"	Lt brown fine grained, crushed, calc qtz ss. Even brn oil stain, even gold fluor.
5639'	1/2"	Lt brown fine grained crushed calc qtz ss. Mottled oil stain, uneven gold fluor.
5515'	1/2"	Light tan to brown very fine grained calc qtz ss. Even brown oil stain, even bright gold fluor.
5329'	1/2"	Lt brown to brn-grey calc qtz, fine grained ss. Uneven oil stain, mottled golden fluor.
5040'	1/2"	As at 5329'. Fluor appears streaked on more perm portions.
3852'	1/2"	Light tan-brown fine grained friable qtz sandstone. Stained with dead oil, no fluor.

DST #1, interval 5575-5605'. Ran Halliburton straddle tester on dry 4-1/2" DP and 4 9/4" - 5-3/4" OD DC's. Set packers at 5569-5575 and 5605'. Opened tool at 2:35 P.M. for 2 min initial flow test, next 45 min ICIP test, next 1 hr flow test and 45 min FCIP. Had a light steady blow of air for 1 hr test. Gas to surface after tool shut in for 30 min. Rec 723' rise. Top 189' clean gassy oil, next 40' muddy gassy oil grading to thin gassy oily mud est 20% oil at bot. Next 319' gassy oily (5-10% oil est) muddy water. Bottom 165' gassy muddy water with a scum of oil, est 2-3% oil. Samples 409, 324, 240, 165 and 80' above tool, at tool and ditch tested 3.25, 2.70, 2.50, 2.50, 2.20, 2.20 and 3.50 atmospheres respectively at 63° F.

Pressures	IH	ICIP	IF	FF	FCIP	FH
Top Inside	2670	2070	160	270	1960	2670
Bottom Outside	2670	2095	170	310	1995	2670

January 22, 1961

DST #2, interval 5880-5896'. Ran Halliburton on bottom tester on 4-1/2" DP and 4 9/4" of 5-3/4" OD DC. Set 6-3/4" OD packers at 5875 and 5880' with 5-3/4" OD tail to 5896'. Opened tool 5:35 A.M. for 2 min initial flow, next 45 min ICIP test, next 1 hr flow test, then 3/4 hr FCIP. Gas to surface in 6 min at est 150 M/D rate. Measured rate at 88, 76 and 44 MCF/D rate, after tool open 15, 25 and 35 min respectively. Recovered 1750' rise. Top 1740' clean gassy oil, bottom 10' oily mud and lost circulation material.

WELL NO: 43-29B (139)

PROPERTY: Section 29B

RED WASH FIELD

Pressures	IH	ICIP	IF	FF	FCIP	FH
Top Inside	2830	2205	100	370	2082	2830
Bottom Outside	2840	2215	105	395	2095	2840

DST #3, interval 5635-5659'. Ran Halliburton straddle tester and set pkrs at 5629, 5635 and 5659'. Opened tool 5:15 P.M. for 3 min initial flow, 45 min ICIP and 15 min flow test. Had a very light blow during initial flow test and 1 min barely perceptible blow during flow test and dead balance of test. Pulled tester loose and pulled up for DST #4.

DST #4, interval 5506-5530'. Opened tool 6:30 P.M. Had a lt steady blow of air for 1 hr test. NGTS. Took 1 hr FCIP. Rec 2730' rise. Top 736' mud w/seum oil, next 460' thin wtry mud, 3-5% oil, bottom 1534' muddy gassy water with 20% oil at top grading to 50% oil at bottom.

Pressures (DST #3 & #4)	IF	FF	FCIP	FH
Top	520	1200	2095	2485
Bottom	505	1155	2020	2435

January 23, 1961

DST #5, interval 5506-5546'. Ran Halliburton tester on dry 4-1/2" DP and 494' 5-3/4" OD DC. Set 6-3/4" ESA pkrs at 5501, 5506 and 5546'. Opened tool at 2:58 A.M. for 2 min initial flow, 30 min ICIP, 1 hr flow, 3/4 hr FCIP. Gas to surface in 8 min. FSTM had a slightly heading blow of gas decreasing from an est 25 M/D to 10 M/D rate. Pulled and rec 2980' net rise. Top 90' gassy drig fluid. Next 2210' gassy oily water with 10% oil at top grading to 60-70% gassy oil at drill collars. Bottom 690' is 70-80% black gassy HPP oil with 30-20% ali muddy wtr. 1.05 ohmmeters at tool. Charts indicate bottom pkrs failed.

Pressures:	IH	ICIP	IF	FF	FCIP	FH
Top	2640	1998	470	1215	1960	2640
Middle	2670	2020	510	1240	1998	2670
Bottom	2500	1900	500	1200	1800	2500

Placed 1 drum, 33 gal, Hydrazine in mud ahead of casing.

Cemented 5-1/2" casing at 5900' with 400 sax common cmt. Used Halliburton bulk cement and equip. Used top rubber plug. Reciprocated casing and circulated w/full circ. Preceded cmt w/5 bbls clear water. Started mixing at 11:30 P.M., mixed 400 sax common cmt 14.5#/gal to 15.8#/gal final. Dropped top rubber plug and displaced cmt with 140 bbls, bumped plug w/2200 psi, released pres, float OK. Cmt in place 12:15 A.M. Csg landed with 75,000# on hook.

Casing detail:

All 5903.44' is 5-1/2", 15.5#, J-55 ST&C new ends CP&I, 143 jts

3.44' up above K.B.

5900.00 Depth Landed

January 24, 1961

Cut-off 5-1/2" casing and installed 6" BOPE. Pressure tested to 1200 psi, held OK 20 min.

Picked up 2-1/2" tubing, tagged top of float at 5856' (csg tally shows 5856' also).

Dried out cmt to 5895'. Circulated hole clean with salt water.

Ran McCullough gamma collar log 5895 to 4500'. McCullough pickup 5896'. 5898' Sch = 5796' McC.

Pumped 15 bbls Rangely crude in 10-3/4" x 5-1/2" annulus.

Installed Halliburton frac head.

WELL NO: 43-29B (139)

PROPERTY: Section 29B

RED WASH FIELD

January 25, 1961

Ran 2-1/2" tubing in Halliburton annulus frac head with Halliburton 2-stage hydraset tool on bottom.

Bottom	3.60'	Halco hydraset tool
Next	5866.43'	186 jts 2-1/2" UE 6.5# N-80 used unknown make tubing
Top	7.20'	KB to tbg head
	5877.23'	Depth Landed

Lowered water level in 5-1/2" x 2-1/2" annulus and filled with 1/2 bbl Rangely crude.

Rig released 5:00 A.M., January 25, 1961.

January 30, 1961

California Production Service moved in and rigged up. Tagged bottom, cut notch at 5885' w/Halliburton hydraset tools. Lowered tools and circulated out sand to 5895'. Displaced water in hole with burner fuel, spotted 250 gals inhibited 15% Hcl acid at notch 5855'.

Broke down notch at 6 BPM and 2800 psi. Down casing tbg annulus.

January 31, 1961

Sand-oil fraced notch at 5885' with 8000 gals BF #5 out 50% with Rangely crude, 9000# 20-40 sand, 800# 12-16 aluminum pellets, and .05#/gal adomite. Preceded frac with 50 bbls adomite treated crude as pad. Maximum pressure 3250 psi, min pressure 2950 psi, avg rate 18 BPM with 1500 Hyd. H.P., instantaneous shut in 1800 psi.

Ran Halliburton hydraset tool with collar locator. Located collars 5399, 5436, 5479, 5520 $\frac{1}{2}$, 5563 and 5580', all 6' high. Cut double vertical slots 5581-5583' and 5592-5595'. Lowered tool and circulated out sand from 5605'. Lowered tool and checked sand fill at 5800-5885' over lower notch. Reversed out water with burner fuel. Spotted 250 gallons inhibited acid at 5600'. Pulled up 360' and equalized acid. Broke down notches 5581-5595' with 3000 psi, back to 2700, injected acid to FM at 6 BPM at 2700 psi, inst shut in 900 psi.

February 1, 1961

Sand-oil fraced notches 5581-83' and 5592-95' with 14,000 gallons BF #5 mixed with 50% Rangely crude containing 15,000# 20-40 sand, 1600# 12-16 aluminum pellets and .05#/gal adomite. Broke down FM with one pump 3200 psi to 1500 psi. Picked up rate to 30 BPM at 3000 psi w/total 2000 HP and pumped in 50 bbls pad w/adomite, 5000 gals w/1#/gal sand, 5000 gals w/2#/gal sand, 4000 gals w/0.4#/gal adomite. When 2#/gal went on FM, broke back to 2600 psi. Inst shut in 1500 psi, avg rate 24 BPM, max pres 3200, min 2350 psi during flush.

Ran 2-1/2" tubing w/notched collar, hit sand at 5771', cleaned out to 5895'

February 2, 1961

Ran production string tubing and landed at 5793'.

Tubing details:

2-1/2 EUE Gas Anchor	31.25'
2-1/2 EUE Pup Jt	8.20'
FSN	1.10'
183 jts 2-1/2 EUE N-80 tub	5739.98'
K.B.	12.50'
	5793.03'

WELL NO: 43-29B (139)

PROPERTY: Section 29B

RED WASH FIELD

Ran rods and pump, hung well on.

Rod detail:

3/4" Plain rods 66' singles

3/4" Huber rods 70' singles

7/8" Huber rods 92' singles

Subs 10', 6'

Pump #129

Rig released.

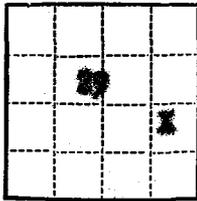
R. H. SELF

(SUBMIT IN TRIPLICATE)

Land Office _____

Lease No. **U-02025**

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.....	<input checked="" type="checkbox"/>	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

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

Vernal, Utah **October 23**, 19 **62**

Well No. **(13-278)**
139 is located **1095** ft. from **{N}** line and **660** ft. from **{E}** line of sec. **29**

139 (Section and Sec. No.) **78** (Twp.) **23E** (Range) **13W** (Meridian)
Red Wash (Field) **Utah** (County or Subdivision) **Utah** (State or Territory)

The elevation of the ~~derrick floor~~ ^{KB} above sea level is **5573** 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 to water injection well as follows:

1. Set cast iron bridge plug at 5625' and cap with cement.
2. Set packer at ⁺ 5560' and begin water injection.

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**

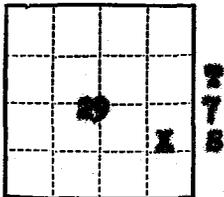
Hand file 42-23-2

Copy H. L. &

PHB 7

Form 9-381a (Feb. 1961)

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



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office Salt Lake City Lease No. U-02005 Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

Table with 3 columns: Report type (e.g., NOTICE OF INTENTION TO DRILL), Nature of report (checkbox), and Other data (checkbox).

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

Water Injection Well

Vernal, Utah April 3, 1963

Well No. 139 is located 1895 ft. from [N/S] line and 660 ft. from [E/W] line of sec. 29

NE 1/4 SE 1/4 29 T8 R22 N. 20 W. (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Red Wash (Field) Uintah (County of Subdivision) Utah (State Territory)

Kelly Bushing

The elevation of the derrick floor above sea level is 5973 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 following well work was performed to convert the subject well to water injection: 1. Run Cement Bond Log, Casing Inspection Log, Casing Caliper, and Casing Profile Potential Log. 2. Set Cast Iron Bridge Plug at 5635' and cased with 2 sacks of cement. 3. Washed notches 5981-5983 and 5992-5995' with 400 gal 8% Acetic acid containing 10 gal Halco suds. 4. Landed tubing with a packer at 5945'. 5. Pumped 100 bbl water containing 100 gal Halco suds into notches and started injecting water at ± 1900 BHP.

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

USES, SIG-3; 02000, SIG-1; Gulf, Chla. City-1; Gulf, Casper-1; Gunkins-1; Dutton-1; Amble-1; SIG-1; Fils-1

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-02025

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

Unit #139 (43-298)

10. FIELD AND POOL, OR WILDCAT

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

Sec. 29, T7S, R23E

12. COUNTY OR PARISH

Utah

13. STATE

Utah

OIL WELL [] GAS WELL [] OTHER Water Injection

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

1895' FWL and 600' FWL of Sec. 29, T7S, R23E, S14M

14. PERMIT NO.

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

KB - 5573

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF [] PULL OR ALTER CASING [] FRACTURE TREAT [] MULTIPLE COMPLETE [] SHOOT OR ACIDIZE [] ABANDON* [] REPAIR WELL [] CHANGE PLANS [] (Other) Expose Addl Sand for Inj. [X]

SUBSEQUENT REPORT OF:

WATER SHUT-OFF [] REPAIRING WELL [] FRACTURE TREATMENT [] ALTERING CASING [] SHOOTING OR ACIDIZING [] ABANDONMENT* [X] (Other) Expose Addl Sand for Inj. [X] (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 expose additional sand at subject well as follows:

- 1. Clean out to FBSD.
2. Perforate the K2 sand w/ 2 deep penetrating hyper-jets per foot from 5576-5596'.
3. Breakdown the perforated interval.
4. RIN w/ injection string tubing. Set A-C packer at +/- 5545'. Return well to injection.

Present Injection: 355 MFPD at 2960 psi, June, 1968.

Approved per telecon R. A. Smith - C. A. Roberts 8/5/68.

18. I hereby certify Original Signed by true and correct

SIGNED R. W. PATTERSON

TITLE Unit Superintendent

DATE 8/7/68

R. W. PATTERSON

(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 TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

Shaw

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Water Injection</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. U-02023</p>																		
<p>2. NAME OF OPERATOR Chevron Oil Company, Western Division</p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p>																		
<p>3. ADDRESS OF OPERATOR P. O. Box 455, Vernal, Utah 84078</p>		<p>7. UNIT AGREEMENT NAME Red Wash</p>																		
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1895' FWL and 600' FWL of Sec. 29, T7S, R23E, S14M</p>		<p>8. FARM OR LEASE NAME</p>																		
<p>14. PERMIT NO.</p>		<p>9. WELL NO. Unit #139 (43-299)</p>																		
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB - 5573</p>		<p>10. FIELD AND POOL, OR WILDCAT</p>																		
<p>16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T7S, R23E</p>																		
<p>NOTICE OF INTENTION TO:</p> <table style="width:100%; border: none;"> <tr> <td style="width:50%;">TEST WATER SHUT-OFF <input type="checkbox"/></td> <td style="width:50%;">PULL OR ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table>		TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>		<p>SUBSEQUENT REPORT OF:</p> <table style="width:100%; border: none;"> <tr> <td style="width:50%;">WATER SHUT-OFF <input type="checkbox"/></td> <td style="width:50%;">REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input checked="" type="checkbox"/> Expose Addl Sand for Inj.</td> <td></td> </tr> </table> <p>(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	(Other) <input checked="" type="checkbox"/> Expose Addl Sand for Inj.	
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(Other) <input checked="" type="checkbox"/> Expose Addl Sand for Inj.																				
<p>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.)*</p>		<p>12. COUNTY OR PARISH Utah</p>																		
<p>13. STATE Utah</p>																				

The following work was completed on subject well as of 8-8-68:

- 1. Perforated the E₂ sand from 3576-3596' w/ 2 - 3 3/8" hyperjets/ft.**
- 2. Breakdown and acidized perfor 3576-96.**
- 3. Landed injection string at 3545.62' w/ A-C. packer on bottom. Returned well to injection.**

**Prior Injection: 355 MWPD at 2960 psi.
Injection After: 663 MWPD at 2800 psi.**

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

SIGNED R. W. PATTERSON TITLE Unit Superintendent DATE 10/8/68

(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 TRIPLICATE
(Other copies to be submitted to the State Office)

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 well. Use "APPLICATION FOR PERMIT" 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 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1895' FSL & 600' FEL

5. LEASE DESIGNATION AND SERIAL NO.
2025

6. IF APPLICABLE, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

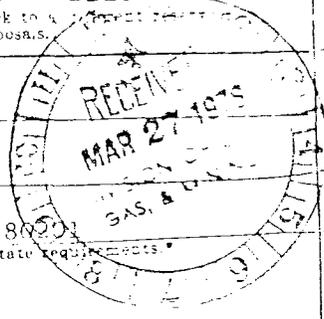
9. WELL NO.
139 (43-29B)

10. FIELD AND POOL, OR WILDCAT
Red Wash

11. SEC., T., R., M., OR B.L.R. AND SURVEY OR AREA
S 29, T7S, R23E S1EM

12. COUNTY OR PARISH 13. STATE
Uintah Utah

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 5573



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) _____	

(NOTE: Report results of multiple completion on Well Completion - 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 cleanout, perforate and acidize as follows:

- MIR & RU ND tree. NU BOPE. Release pkr. POOH w/tbg and pkr assembly.
- RIH w/bit, casing scraper and work string. CO to 5615'. POOH.
- Perforate as per the attache.d
- RIH w/pkr & work string. Acidize as per the attached.
- POOH w/packer and work string.
- RIH w/plastic lined tubing and packer. Set packer at ±5500. ND BOPE.
- Place well on injection service.

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

APPROVED BY THE DIVISION OF
GAS AND MINING
DATE: March 27, 1978
BY: [Signature]

No additional surface disturbances required for this activity.

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

SIGNED [Signature] TITLE J. J. Johnson, Engineering Ass't. DATE 3-23-78

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

U-02025

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

139 (43-29B)

10. FIELD AND POOL, OR WILDCAT

Red Wash

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

Sec 29, T7S, R23E, SLBM

12. COUNTY OR PARISH 13. STATE

Uintah

UT

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

1895' FSL & 600' FEL

14. PERMIT NO.

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

KB 5573

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

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

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

The following operations were completed on the above well.

1. MIR & RU. ND Tree. NU BOPE. Release pkr. POOH w/tbg and pkr assembly.
2. GIH w/bit, casing scraper and work string. CO to 5615'. POOH.
3. Perforate as per the attached.
4. RIH w/pkr & work string. Acidize as per the attached.
5. POOH w/pkr and work string.
6. RIH w/plastic lined tubing and packer. Set packer at 5500'. ND BOPE.
7. Place well on injection service.

No additional surface disturbances required for this activity.

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

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

SIGNED

J. J. Johnson

J. J. Johnson

TITLE Engineering Assistant

DATE June 21, 1978

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

WELL NAME: RWU 139 (43-29B)

FIELD: Red Wash

COMPLETED PERFORATING PROCEDURE

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

5598-5612
5576-5596

2. Company doing work: Oil Well Perforaters

3. Date of work: May 10, 1978

4. Additional surface disturbances: None

5. Production after work:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
6/19/78			345 Injecting

WELL NAME RWU 139 (43-29B)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 1200 gal 15% HCl.
2. Intervals treated: 5598-5612, 5576-96.
3. Treatment down casing or tubing. Tubing
4. Methods used to localize effects: Packers set above perforations and benzoic acid flakes used as diverting agents.
5. Disposal of treating fluid: Spent acid swabbed back.
6. Depth to which well was cleaned out: 5619'
7. Time spent bailing and cleaning out: 1 day
8. Date of work: May 11, 1978
9. Company who performed work: Dowell
10. Production interval: 5598-5612, 5576-96
11. Status and production before treatment: No injection

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
-------------	-------------	-------------	-------------

12. Status and production after treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
-------------	-------------	-------------	-------------

6/19/78

345 Injecting

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 Injector

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: 1895' FSL & 600' FEL (NE $\frac{1}{4}$ SE $\frac{1}{4}$)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input 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)	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE
U-02025

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Red Wash

9. WELL NO.
139(43-29B)

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
S.29, T7S,R23E,SLBM

12. COUNTY OR PARISH | 13. STATE
Uintah | Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 5573'

(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.)*

It is proposed to perforate three new zones for water injection in this well. All intervals will be acidized. A bridge plug will be drilled out and a new one will be set deeper. SIE will be run.

3-BLM
2-State
3-Partners
1-S:723
1-JAH
1-File

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

DATE: 6/20/83
BY: [Signature]

No additional surface
disturbances 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 May 20, 1983

(This space for Federal or State office use)

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

RECEIVED
MAY 25 1983

WELL NAME: 139 (43-29B)

FIELD: Red Wash

PROPOSED TREATMENT PROCEDURE

1. Objective: Improve injection profile
2. Size and type of treatment: 3250 gals 15% HCl
3. Intervals to be treated:

5,651 - 56	K _D	500
5,576 - 5,612	K _B	2000
4,910 - 4,934	H, HA	750
4. Treatment down casing or tubing: Tubing
5. Method of localizing its effects: Benzoic Acid Flakes and perf balls distributed throughout acid.
6. Disposal of treating fluid: Swab spent acid to frac tank
7. Name of company to do work: Halliburton, Dowell or Western
8. Anticipated additional surface disturbances: None
9. Estimated work date: 6/1/83
10. Present status, current production and producing interval:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
5/83	Injects 279 BWPD into K _B Sand		

WELL NAME: 139(43-29B)

FIELD: Red Wash

PROPOSED PERFORATING PROCEDURE

1. Changes intended: Perforate three new zones for water injection.
2. Results anticipated: An additional injection rate of 650 BWPD is anticipated.
3. Conditions of well which warrant such work: Low injection rate
4. To be ripped or shot: Shot
5. Depth, number, and size of shots (or depth of rips):

4,916-16	H	6'	12 shots
4,926-34	H _A	8'	16 shots
5,651-56	K _D	5'	10 shots
6. Date last Log of well filed: -
7. Anticipated additional surface disturbances: None
8. Estimated work date: 6/1/83
9. Present production and status:

Date

5/81

BOPD

Injects 279 BWPD into K_B Sand

MCFD

BWPD

RWU NO. 139 (43-29B)
RED WASH/MAIN AREA

Workover Procedures

1. Backflow well and check SITP to determine kill fluid weight.
2. MI & RU.
3. Kill well. ND tree. NU BOPE. Test BOPE.
4. Release packer. POOH w/P.L. tbg and pkr.
5. CO to 5,850 (DO cmt @ 5,619 and Baker CIBP @ 5,635).
6. Set CIBP @ +5,840 and cap w/5' cmt.
7. Perforate the following intervals w/2 jpf using maximum penetration charges in casing gun. Depths picked from Schlumberger IES dated 1/21/61.

4,910-16	H	6 ft	12 shots
4,926-34	H _A	8 ft	16 shots
5,651-56	K _D	5 ft	10 shots
8. Pressure test casing above top perf to 1,000 psi.
9. Breakdown perfs 5,651-56 (K_D) 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. Check for communication w/perfs 5,576-5,612 (K_B). Notify Denver if communication occurs.
10. Swab back acid load.
11. Isolate perfs 5,576-5,612 (K_B) and acidize w/2,000 gal 15% HCl w/additives as in Step 9 as follows:

1,000 gal acid
500 gal produced water w/150# BAF
1,000 gal acid
12. Swab back (or flow back) acid load.
- ★13. If communication occurred in Step 9, establish injection rate into perfs 5,576-5,656 (K_B, K_D) w/produced water @ +1,000 psi. If communication did not occur in Step 9, omit this step.

RWU NO. 139 (43-29B)
RED WASH/MAIN AREA

14. Isolate perfs 4,910-34 (H, H_A) and acidize w/750 gal 15% HCl w/additives as in Step 9. Evenly distribute 1 perf ball/shot throughout acid.
15. Swab back acid load.
16. Notify Denver w/treating pressures from Steps 9, 11, 13 (if applicable), and 14 so that orifice size-up can be made.
17. RIH w/SIE string as follows:

top pkr @ <u>+4,890</u>	top mandrel @ <u>+4,950</u>
middle pkr @ <u>+5,530</u>	middle mandrel @ <u>+5,560</u>
bottom pkr @ <u>+5,620</u>	bottom mandrel @ <u>+5,670</u>
nipple and standing valve @ <u>+5,690</u>	

Circulate pkr fluid and freeze blanket into place and set pkrs.

Note: Omit bottom pkr @ +5,620 and bottom mandrel @ +5,670 if communication occurred in Step 9.

18. Replace valve blanks w/orifices sized per Denver's specifications.
19. Turn well over to RW production.

★ Note: Combine acid jobs as specified by Denver if communication occurs in Step 9.

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
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE ...RWU No.139..... WELL
 SEC. 29 TWP. 7S RANGE 23E
Uintah COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>

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-02025</u>	Well No. <u>139(43-29B)</u>	Field <u>Red Wash</u>	County <u>Uintah</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NE 1/4 SE 1/4</u> Sec. <u>29</u> Twp. <u>7S</u> Rge. <u>23E</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>1/24/61</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>2700</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	State What oil & gas	
Location of Either Green River water or Injection Source(s) <u>produced water</u>	Geologic Name(s) and Depth of Source(s) <u>Green River 4500-5900</u>		
Geologic Name of Injection Zone <u>Green River</u>	Depth of Injection Interval <u>4910</u> to <u>5656</u>		
a. Top of the Perforated Interval: <u>4910</u>	b. Base of Fresh Water: <u>2700</u>	c. Intervening Thickness (a minus b) <u>2210</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES NO			
Lithology of Intervening Zones <u>sand-shale</u>			
Injection Rates and Pressures Maximum = <u>2500</u> B/D, Working = <u>800</u> B/D Maximum = <u>3000</u> psi, 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>			

FILED
 JUL 20 1963

State of Colorado)

R. H. Elliott

DIVISION OF
OIL, GAS & MINING

County of Denver)

R. H. ELLIOTT

Applicant

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

Suscribed and sworn to before me this 19 day of July, 19 63

SEAL
 My commission expires _____

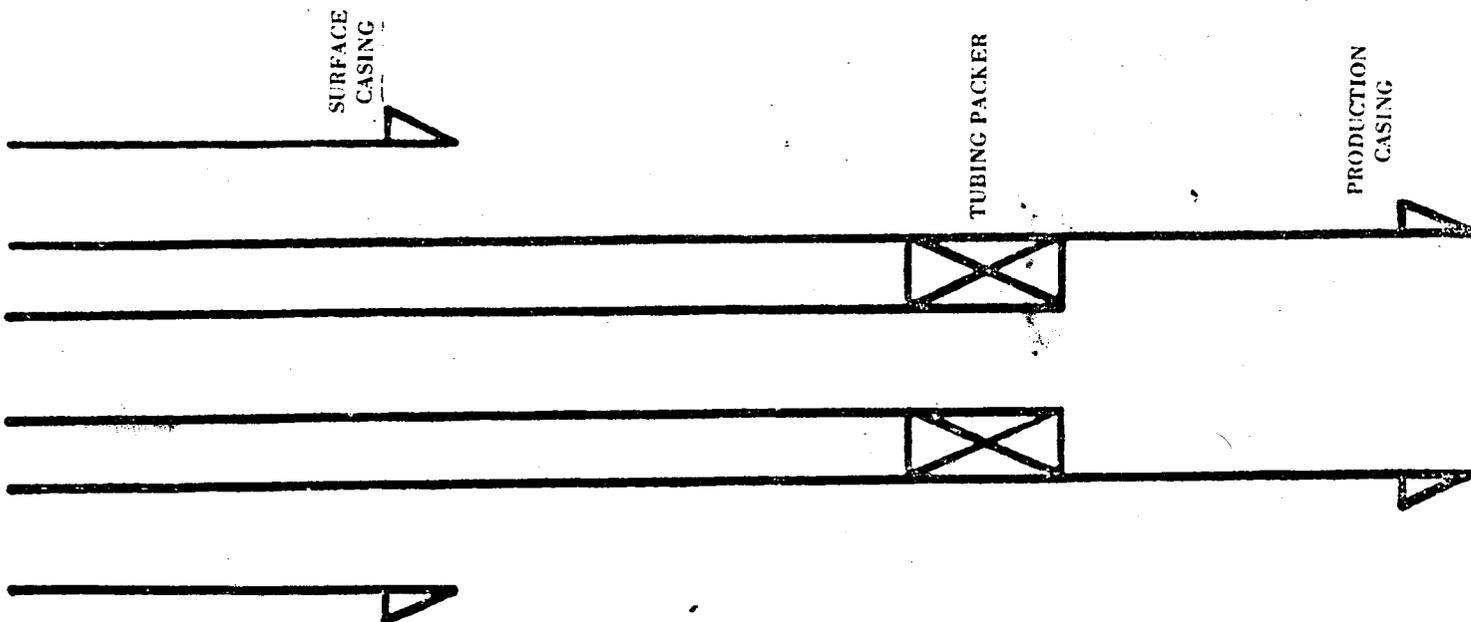
Lis J. Thompson
 Notary Public in and for Colorado

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"	228	160	surface	returns
Intermediate					
Production	5-1/2"	5900	400	± 3244	calculated
Tubing	2-7/8"	± 5690	Name - Type - Depth of Tubing Packer (3) Baker Model 'FH' Packers @ ±4890, ± 5530, ± 5620		
Total Depth 5905	Geologic Name - Inj. Zone Green River	Depth - Top of Inj. Interval 4910	Depth - Base of Inj. Interval 5656 ± 5620		

SKETCH - SUB-SURFACE FACILITY



(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 43-047-05358

640 Acres

COUNTY Uintah SEC. 29 TWP. 7S RGE. 23E

COMPANY OPERATING Chevron U.S.A. Inc.

OFFICE ADDRESS P. O. Box 599

TOWN Denver STATE CO ZIP 80201

FARM NAME Red Wash WELL NO. 139

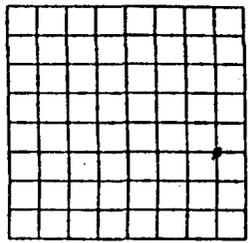
DRILLING STARTED 1/4 19 61 DRILLING FINISHED 1/20 19 61

DATE OF FIRST PRODUCTION 2/19/61 COMPLETED 2/2/61

WELL LOCATED NE 1/4 SE 1/4

1895 FT. FROM SL OF 1/4 SEC. & 2040 FT. FROM WL OF 1/4 SEC.

ELEVATION 5573 GROUND 5560.5



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	5900			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
10-3/4"	40.5#	J-55	228	1200	160	---	Surface
5-1/2"	15.5#	J-55	5900	1200	400	-----	3244

TOTAL DEPTH 5905

PACKERS SET DEPTH ± 4890, ± 5530, ± 5620

COMPLETION & TEST DATA BY PRODUCING FORMATION

1

2

3

FORMATION	Green River		
SPACING & SPACING ORDER NO.	80 -acre spacing		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Enhanced recovery		
PERFORATED	4910-16	5576-96	
	4926-34	5598-5612	
INTERVALS	5581-83	5651-56	
	5592-95		
ACIDIZED?	4910-5656		
FRACTURE TREATED?	5885		

INITIAL TEST DATA

Date	2/19/61 to	3/20/61	
Oil. bbl./day	478		
Oil Gravity	23.9		
Gas. Cu. Ft./day	250	MCF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	523		
Water-Bbl./day	27		
Pumping or Flowing	pumping		
CHOKE SIZE			
FLOW TUBING PRESSURE			

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

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

Telephone (303) 691-7437 R.H. Elliott - Area Prod. Sept. July 5, 1987
Name and title of representative of company

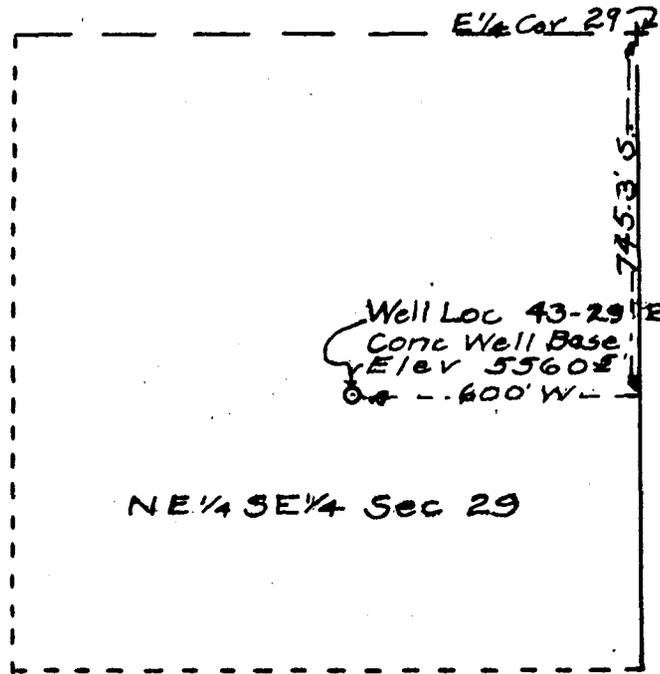
Subscribed and sworn to before me this 19 day of July, 19 83

Lee's J. Thompson

139

PLAT SHOWING LOCATION OF THE STANDARD OIL COMPANY OF CALIFORNIA WELL IN THE NE 1/4 OF THE SE 1/4 SECTION 29, TOWNSHIP 7 SOUTH, RANGE 23 EAST, SALT LAKE BASE AND MERIDIAN.

Scale of Plat 1" = 400 feet.



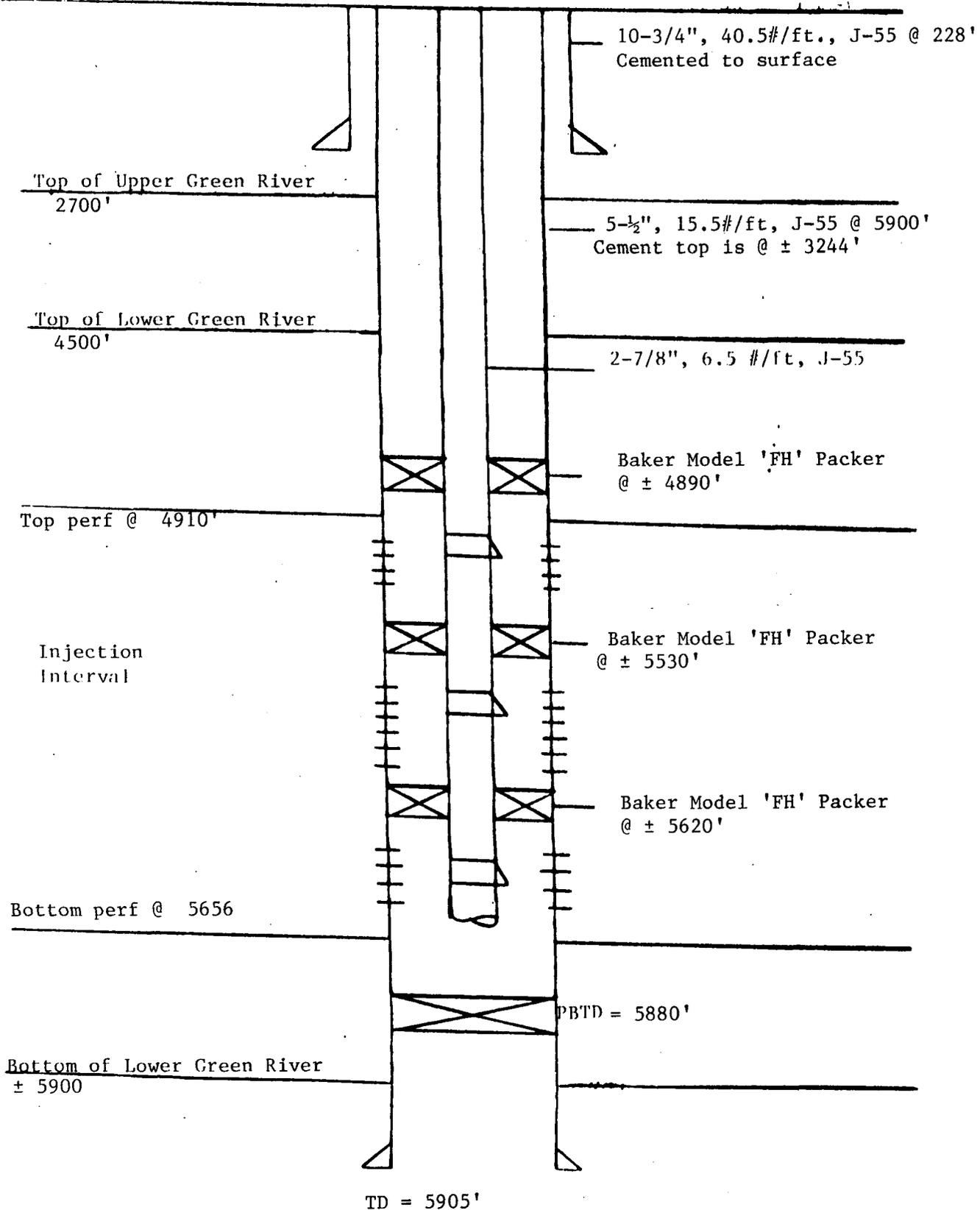
I, Leon P. Christensen of Vernal, Utah, do hereby certify that this plat correctly shows the location of the well shown hereon as surveyed by me on October 12, 1960. Levels were run November 3, 1960. Well is located at a point 745.3 feet South and 600 feet West of the East quarter corner Section 29, Township 7 South, Range 23 East Salt Lake Base and Meridian.

Leon P. Christensen
Prof. Engr. and Land Surveyor



[Handwritten signature]

Ground Level 5560.5'



Redwash Unit 139 (43-29B)
Wellbore Schematic

CBL DESCRIPTIONS

Injection Well

RWU No. 139 (43-29B)

A cement bond log is not available for No. 139. The cement top is calculated to be at 3244'. Injection interval is 4910' to 5656'.

Offset Producers

RWU No. 20 (41-29B) - SI

A cement bond log is not available for No. 20 (41-29B). The cement top is indicated to be at 3500' from the temperature log. The production interval is from 5551'-55'.

RWU No. 120 (23-28B)

A cement bond log is not available for No. 120 (23-28B). The cement top is calculated to be at + 3360'. The production interval is 5521'-57'.

RWU No. 164 (12-28B)

The CBL for No. 164 indicates consistently fair bonding from the cement top at 4335' down to 5890'. The producing interval is 4919'-5667'.

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 Injector

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: 1895' FSL & 600' FEL NESE
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-2025

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
139 (43-29B)

10. FIELD OR WILDCAT NAME
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 29, T7S, R23E SLBM

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 5573

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input checked="" 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)	<input type="checkbox"/>		<input type="checkbox"/>

(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.)*

Well was perforated, acidized and selective injection equipment installed as follows:

- MIR & RU. ND tree. NU BOPE. POOH w/tbg and packer.
- RIH w/bit and casing scraper. Cleaned out to 5850'. CIBP remains pushed to 5850'.
- RIH w/CIBP and set at 5840', capped w/1 sx cement.
- Perforated intervals 5651-5656, 4926-4934, and 4910-4916 w/2 shots/ft.
- Acidized well. See attachment.
- RIH w/2-3/8" tbg, packer and Selective Injection Equipment. Hydrotested tbg to 5000 psi.
- ND BOPE, NU well tree. Set RB-2 plug at 5707'.
- Set FH packers at 4,886', 5494' and 5630'.
- Turned well to injection.

No additional surface disturbances required for this activity.

- 3-BLM
- 2-State
- 3-Partners
- 1-JAH
- 1-Sec. 723
- 1-File
- Ft.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE Engineering Ass't DATE October 20, 1983

(This space for Federal or State office use)

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

OCT 23 1983

*See Instructions on Reverse Side

DIVISION OF
OIL, GAS & MINING

WELL NAME RWU 139 (43-29B)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment:
2. Intervals treated: 5651-5656 500 gals 15% HCL
5576-5612 1000 gals 15% HCL
4910-4934 750 gals 15% HCL
3. Treatment down casing or tubing: Tubing
4. Methods used to localize effects: Retrievable bridge plug and packer set to straddle interval treated. Ball sealers were also used.
5. Disposal of treating fluid: Spent acid was swabbed back to frac tanks
6. Depth to which well was cleaned out: 5850'
7. Date of work: Sept. 26, 27, 28, 1983
8. Company who performed work: Dowell
9. Production interval:
10. Status and production before treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>	<u>INJECTION</u>
8/83			90	✓

11. Status and production after treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>	<u>INJECTION</u>
9/30/83			1064 @ 1100 PSI	

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

* * * * *

Operator: Cherton Well No. 43-298(139)
 County: Ventura T 75 R 23E Sec. 29 API# 43-047-16490
 New Well Conversion Disposal Well Enhanced Recovery Well

	<u>YES</u>	<u>NO</u>
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Fluid Source Geosurines

Analysis of Injection Fluid Yes No TDS 5400

Analysis of Water in Formation to be injected into Yes No TDS 21,667

Known USDW in area Ventura Depth 2700

Number of wells in area of review 5 Prod. 3 P&A 1
 Water Inj. 1

Aquifer Exemption Yes NA

Mechanical Integrity Test Yes No

Date 10-26-83 Type Fraser

Comments: Seal of cement 3244 Bottom 5900

Reviewed by: [Signature]

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 IW

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)

1895 FSL, 660 FEL, SEC. 29, T7S, R23E

5. Lease Designation and Serial No.

U - 02025

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
RED WASH

8. Well Name and No.
139 (43-29B)

9. API Well No.
43-047-16490

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

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other STATUS
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- 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 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 [Signature] Title PERMIT SPECIALIST Date 3/30/92

(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 Gas
Well Well Other **WIW**

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)
1895 FSL, 660 FEL, SEC. 29, T7S, R23E

5. Lease Designation and Serial No.
U-02025

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #139 (43-29B)

9. API Well No.
43-047-16490

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 _____
	<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 *Opina Hough* Title *Oper. Assistant* Date *02/09/93*

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____
Conditions of approval, if any:

Mechanical Integrity Test Casing or Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: RANDY WILKINS Date 3/21/97 Time 11:30 am/pm

Test conducted by: RANDY WILKINS

Others present: _____

EPA ID # UT 02434

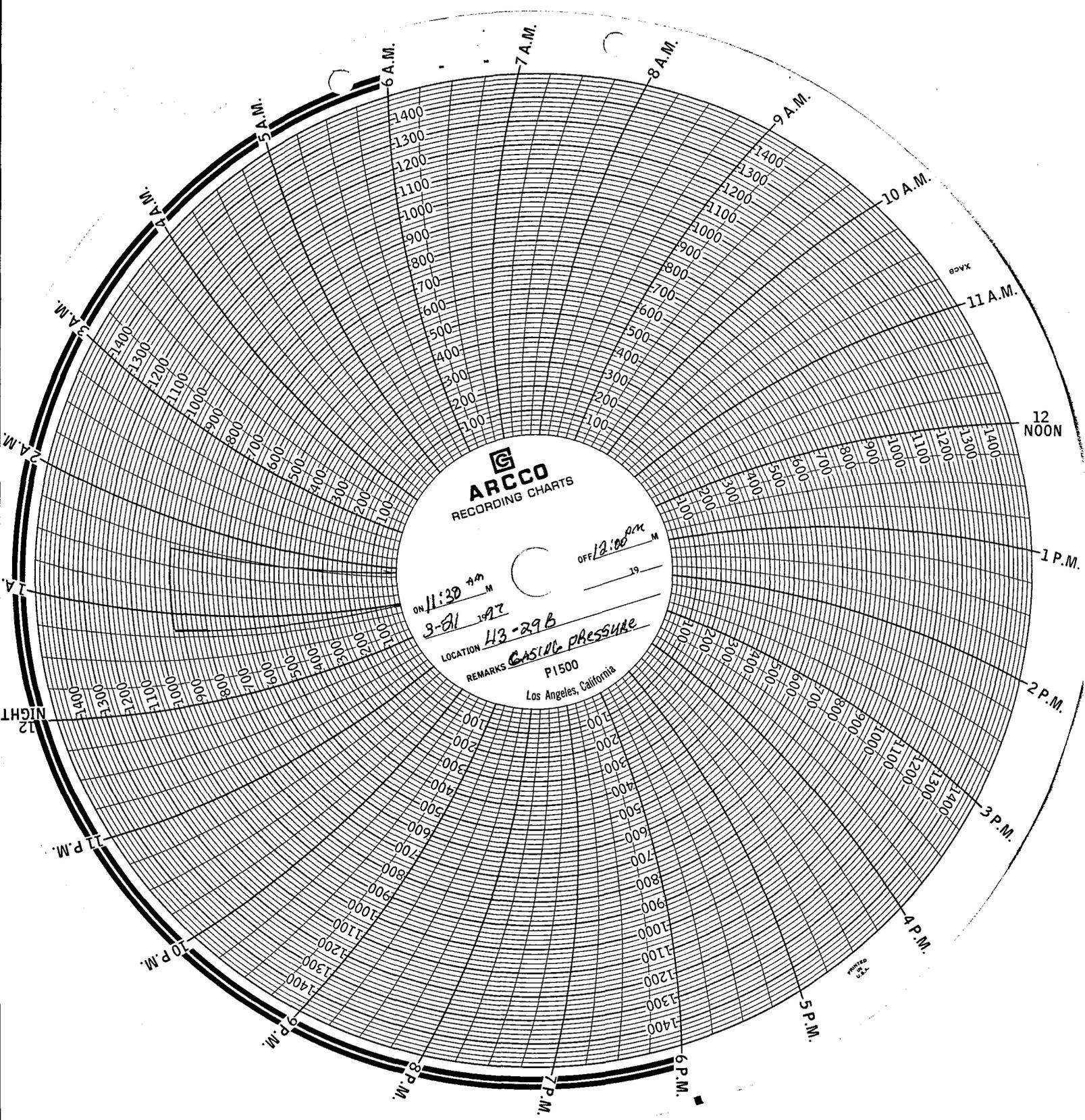
Well: <u>R.W.U. # 139-(43-29B)</u> Field: <u>Red Wash</u> Well Location: <u>43-047-16490</u>	Well ID: _____ Company: <u>CUUSA</u> Address: <u>11002 East 17500 South</u> <u>Vernal, UT.</u>
--	---

API NO. _____

Time	Test #1	Test #2	Test #3
0 min	<u>940</u> psig	_____ psig	_____ psig
5	_____	_____	_____
10	_____	_____	_____
15	<u>940</u>	_____	_____
20	_____	_____	_____
25	_____	_____	_____
30 min	<u>940</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Tubing press	<u>600</u> psig	_____ psig	_____ psig

Result (circle) Pass Fail Pass Fail Pass Fail

Signature of EPA Witness: Randy Wilkins
 See back of page for any additional comments & compliance followup.



ARCCO
RECORDING CHARTS

ON 11:30 AM

OFF 12:00 PM

LOCATION 3-21 1947

REMARKS CASUAL PRESSURE
PI500

Los Angeles, California

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 WATER INJECTOR

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

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)
1895' FSL & 600' FEL (NE SE) SECTION 29, T7S, R23E, SLBM

5. Lease Designation and Serial No.
U-02025

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

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

8. Well Name and No.
RED WASH UNIT 139 43-29B

9. API Well No.
43-047-16490

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

11. County or Parish, State
UINTAH, UTAH

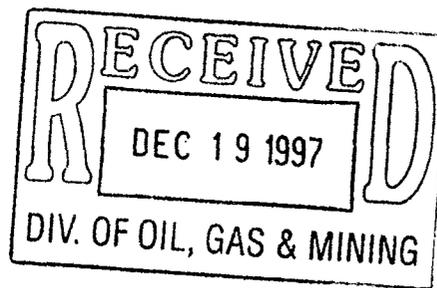
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input 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>TA STATUS OF WELL</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)

CHEVRON IS REQUESTING A TA STATUS ON THE ABOVE WELL. THIS WELL HAS POTENTIAL FUTURE USE IN RECONFIGURED PATTERN WATERFLOOD.



14. I hereby certify that the foregoing is true and correct.
 Signed DC Jammer Title COMPUTER SYSTEMS OPERATOR Date 12/10/97

(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.

*See instruction on Reverse Side



Chevron

MARCH 4, 1999

RWU #134 (14-28B), EPA ID# UT-02433
RWU #139 (43-29B), EPA ID# UT-02434
RED WASH UNIT
UINTAH COUNTY, UTAH

43-DA7-16490
Chevron U.S.A. Production Co.
Rocky Mountain Basin
Red Wash Asset Team
11002 East 17500 South
Vernal, UT 84078-8526
(435) 781-4300

MR. JOHN CARSON
UIC IMPLEMENTATION SECTION
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, CO 80202-2466
8ENF-T

Dear Mr. Carson:

We plan to plug and abandon the captioned wells per the enclosed procedures sometime during the next sixty days. EPA approval of the procedures is requested. Please advise us if an EPA witness plans to be present during P&A operations.

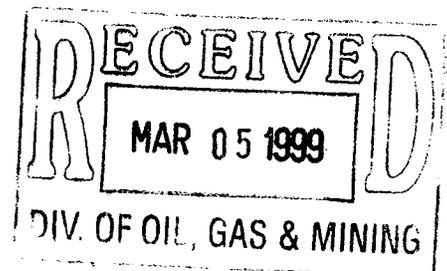
If you have any questions or comments, please contact me at (435) 781-4301.

Sincerely,


J. T. CONLEY
RED WASH ASSET TEAM LEADER

cc Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801
Attn. Mr. Gil Hunt

U.S Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078



RED WASH UNIT #139 (43-29B)
1895' FSL & 660' FEL
NESE-SEC. 29-T7S-R23E
UINTAH COUNTY, UTAH

API#: 43-047-16490
LEASE NUMBER: U-02025
EPA ID#: UT-02434
KB ELEVATION: 5573'
GL ELEVATION: 5560'
TD: 5905'
PBSD: 5849'

CASING DETAIL:

15" HOLE SIZE
10-3/4" 40.5# J-55 @ 230' W/160 SX. COMMON CEMENT

7-7/8" HOLE SIZE
5-1/2" 15.5# J-55 @ 5900' W/400 SX. COMMON - FULL RETURNS
TOC @ UNKNOWN, CALCULATED AT ~3266'

TUBING DETAIL:

SEE TOUR REPORTS - SIE INJECTOR

PERFORATION DETAIL:

Open -		Excluded -	
4910-16'	H50	5885'	Lf
4926-34'	Ha		
5576-96'	Kb		
5598-5612'	Kb		
5651-56'	Kd		

RWU #139 (43-29B)

WELL HISTORY:

1/61: At completion, drilled out to 5895', notched and treated as follows.
5885', acidized with 250 gal. 15% HCl, SOS with 8000 gal. oil and 9800# proppant.
5581-83', 5592-95', acidized with 250 gal. 15% HCl, SOS with 15000 gal. oil and 16600# proppant.
Cleaned out and ETP.

1/63: Ran casing inspection logs and CBL. Set CIBP at 5635' with 16' of cement on top. Set packer at 5544', acidized with 400 gal. 8% acetic, and converted well to water injection.

8/68: Pulled equipment, leaving part of packer in well per 8/7/68 tour report. Perforated 5576-96', acidized same with 500 gal. 15% HCl, RTI with packer at 5546'.

6/69: Pumped 176 bbl. Dowell "Cleansweep" to modify profile.

5/78: Cleaned out to 5619', perforated 5576-96' and 5598-5612', acidized same with 1200 gal. 15% HCl, set packer at 5508' and RTI.

9/83: Cleaned out to 5850', set CIBP at 5840' with 1 sx. on top, perforated and treated as follows.

5651-56', acidized with 500 gal. 15% HCl.

4926-34', 4910-16', acidized with 750 gal. 15% HCl.

Existing perforations 5576-5612' acidized with 2000 gal. 15% HCl.

Tested blanks for communication and ran SIE with packers at 4892', 5500', 5636'. RTI.

RWU #139 (43-29B)

P&A PROCEDURE:

1. MIRU. CUT TUBING ABOVE TOP PACKER AT 4892' AND PULL EQUIPMENT.
2. CLEAN OUT TO ~4890' WITH BIT AND SCRAPER, HOT OILING IF NEEDED.
3. **TOP PERFORATION AT 4910', TOP PACKER AT 4892'.** SET CIBP AT 4850' AND DUMP BAIL 35' OF CLASS G CEMENT ON TOP. DISPLACE HOLE TO ~3800 WITH 9.2 PPG BRINE.
4. **OIL SHALE INTERVAL AT 3873-3965', CALCULATED CEMENT TOP AT 3266'.** PERFORATE AT 4015' AND ATTEMPT TO ESTABLISH AN INJECTION RATE. IF OPEN, SET CICR AT 3823' AND SQUEEZE WITH ~35 SX. IF NOT OPEN, SET A BALANCED CEMENT PLUG ACROSS THE INTERVAL 3823-4015' USING ~25 SX. CLASS G CEMENT. CIRCULATE CLEAN AND DISPLACE TO ~2900' WITH 9.2 PPG BRINE.
5. **GREEN RIVER FORMATION TOP AT 2918'.** PERFORATE AT 2968', SET CICR AT 2868' AND SQUEEZE WITH ~30 SX. CLASS G CEMENT. CIRCULATE CLEAN AND DISPLACE TO SURFACE WITH 9.2 PPG BRINE.
6. **SURFACE CASING SHOE AT 230'.** PERFORATE AT 300' AND CIRCULATE ~140 SX. CLASS G CEMENT INTO PLACE.
7. CUT OFF WELLHEAD AND INSTALL ABANDONMENT MARKER OR SUBSURFACE PLATE AS DIRECTED BY REGULATORY AUTHORITIES.
8. RDMO. TURN WELL OVER TO OPERATIONS FOR LOCATION REHABILITATION.

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 WATER INJECTOR

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

3. Address and Telephone No
11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4306

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1895' FSL & 600' FEL (NE SE) SECTION 29, T7S, R23E, SLBM

5. Lease Designation and Serial No.
U-02025

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

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

8. Well Name and No.
RED WASH UNIT 139 43-29B

9. API Well No.
43-047-16490

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 checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input 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)

WE INTEND TO PLUG AND ABANDON THIS WELL PER THE ATTACHED.

[Faint signature and stamp area]

14. I hereby certify that the foregoing is true and correct.
 Signed D. C. BEAMAN *DC Beaman* Title COMPUTER SYSTEMS OPERATOR Date 3/3/1999

(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.

RED WASH UNIT #139 (43-29B)
1895' FSL & 660' FEL
NESE-SEC. 29-T7S-R23E
UINTAH COUNTY, UTAH

API#: 43-047-16490
LEASE NUMBER: U-02025
EPA ID#: UT-02434
KB ELEVATION: 5573'
GL ELEVATION: 5560'
TD: 5905'
PBTD: 5849'

CASING DETAIL:

15" HOLE SIZE
10-3/4" 40.5# J-55 @ 230' W/160 SX. COMMON CEMENT

7-7/8" HOLE SIZE
5-1/2" 15.5# J-55 @ 5900' W/400 SX. COMMON - FULL RETURNS
TOC @ UNKNOWN, CALCULATED AT ~3266'

TUBING DETAIL:

SEE TOUR REPORTS - SIE INJECTOR

PERFORATION DETAIL:

Open -		Excluded -	
4910-16'	H50	5885'	Lf
4926-34'	Ha		
5576-96'	Kb		
5598-5612'	Kb		
5651-56'	Kd		

RWU #139 (43-29B)

WELL HISTORY:

1/61: At completion, drilled out to 5895', notched and treated as follows.
5885', acidized with 250 gal. 15% HCl, SOS with 8000 gal. oil and 9800# proppant.
5581-83', 5592-95', acidized with 250 gal. 15% HCl, SOS with 15000 gal. oil and
16600# proppant.
Cleaned out and ETP.

1/63: Ran casing inspection logs and CBL. Set CIBP at 5635' with 16' of cement on
top. Set packer at 5544', acidized with 400 gal. 8% acetic, and converted well to water
injection.

8/68: Pulled equipment, leaving part of packer in well per 8/7/68 tour report.
Perforated 5576-96', acidized same with 500 gal. 15% HCl, RTI with packer at 5546'.

6/69: Pumped 176 bbl. Dowell "Cleansweep" to modify profile.

5/78: Cleaned out to 5619', perforated 5576-96' and 5598-5612', acidized same with
1200 gal. 15% HCl, set packer at 5508' and RTI.

9/83: Cleaned out to 5850', set CIBP at 5840' with 1 sx. on top, perforated and treated
as follows.

5651-56', acidized with 500 gal. 15% HCl.

4926-34', 4910-16', acidized with 750 gal. 15% HCl.

Existing perforations 5576-5612' acidized with 2000 gal. 15% HCl.

Tested blanks for communication and ran SIE with packers at 4892', 5500', 5636'. RTI.

RWU #139 (43-29B)
P&A PROCEDURE:

1. MIRU. CUT TUBING ABOVE TOP PACKER AT 4892' AND PULL EQUIPMENT.
2. CLEAN OUT TO ~4890' WITH BIT AND SCRAPER, HOT OILING IF NEEDED.
3. **TOP PERFORATION AT 4910', TOP PACKER AT 4892'.** SET CIBP AT 4850' AND DUMP BAIL 35' OF CLASS G CEMENT ON TOP. DISPLACE HOLE TO ~3800 WITH 9.2 PPG BRINE.
4. **OIL SHALE INTERVAL AT 3873-3965', CALCULATED CEMENT TOP AT 3266'.** PERFORATE AT 4015' AND ATTEMPT TO ESTABLISH AN INJECTION RATE. IF OPEN, SET CICR AT 3823' AND SQUEEZE WITH ~35 SX. IF NOT OPEN, SET A BALANCED CEMENT PLUG ACROSS THE INTERVAL 3823-4015' USING ~25 SX. CLASS G CEMENT. CIRCULATE CLEAN AND DISPLACE TO ~2900' WITH 9.2 PPG BRINE.
5. **GREEN RIVER FORMATION TOP AT 2918'.** PERFORATE AT 2968', SET CICR AT 2868' AND SQUEEZE WITH ~30 SX. CLASS G CEMENT. CIRCULATE CLEAN AND DISPLACE TO SURFACE WITH 9.2 PPG BRINE.
6. **SURFACE CASING SHOE AT 230'.** PERFORATE AT 300' AND CIRCULATE ~140 SX. CLASS G CEMENT INTO PLACE.
7. CUT OFF WELLHEAD AND INSTALL ABANDONMENT MARKER OR SUBSURFACE PLATE AS DIRECTED BY REGULATORY AUTHORITIES.
8. RDMO. TURN WELL OVER TO OPERATIONS FOR LOCATION REHABILITATION.

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

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SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Gas
 Well Well Other WATER INJECTOR

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

3. Address and Telephone No
11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4306

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1895' FSL & 600' FEL (NE SE) SECTION 29, T7S, R23E, SLBM

5. Lease Designation and Serial No.
U-02025

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

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

8. Well Name and No.
RED WASH UNIT 139 43-29B

9. API Well No.
43-047-16490

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

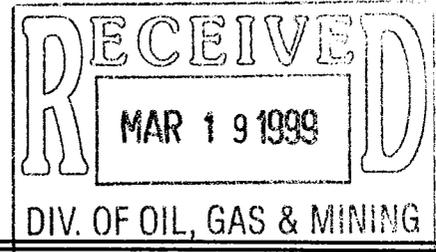
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>CLEAR SURFACE</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)

After PA of well.

We request permission to abandon and reclaim all surface facilities and equipment including pits and surface pipelines. We also request permission to bury all cement pumping unit pads and well cellars. After cleanup, locations and right of ways will be seeded per BLM specifications.



14. I hereby certify that the foregoing is true and correct.
 Signed D. C. BEAMAN *D. C. Beaman* Title COMPUTER SYSTEMS OPERATOR Date 3/18/1999

(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

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Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.

U-02025

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

RED WASH UNIT

8. Well Name and No.

RED WASH UNIT 139 43-29B

9. API Well No.

43-047-16490

10. Field and Pool, or Exploratory Area

RED WASH - GREEN RIVER

11. County or Parish, State

UINTAH, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas
 Well Well Other **WATER INJECTOR**

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No

11002 E. 17500 S. VERNAL, UT 84078-8526

(801) 781-4306

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

1895' FSL & 600' FEL (NE SE) SECTION 29, T7S, R23E, SLBM

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

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

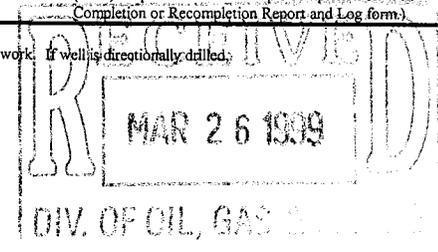
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13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true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

THIS WELL WAS PLUGGED AND ABANDONED ON MARCH 22, 1999 AS FOLLOWS:

1. C/O W BIT AND ACRAPER TO 4880'
2. SET CICR @ 4870' SPOT 10 SX CEMENT ON CICR @ 4870'
3. PERFORATE 4 SPF @ 4015'. COULD NOT PUMP INTO 2 750 PSI
4. SPOT A BALANCED CEMENT PLUG FROM 4035' TO 3800' W 27 SX CEMENT
5. PERFORATE 4 SPF @ 2968' SET CICR @ 2868' PUMP 40 SX BELOW CICR STING OUT SPOT 10 SX ON CICR.
6. PERFORATE 4 SPF @ 280' MIX PUMP ~ 150 SX CEMENT DOWN 5 1/2" CSG AND UP 5 1/2" x 10 3/4" CSG TO SURFACE
7. CUT OFF WH. INSTALL DRY HOLE PLATE

All surface facilities and equipment have been removed. We request permission to bury the cement pad from the pumping unit and cellar 4' below the surface, and to abandon the existing buried flowline in place. We intend to reclaim the location and access road.



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

Signed **D. C. BEAMAN** *D.C. Beaman*

Title **COMPUTER SYSTEMS OPERATOR**

Date **3/24/1999**

(This space for Federal or State office use)

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

Title _____

Date _____

Conditions of approval, if any _____

Title 18 U.S.C. Section 1001, makes it a crime to knowingly and willfully 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.

Date: **3-29-99**

By: *RJA*

*See instruction on Reverse Side



Chevron

MARCH 24, 1999

PLUGGING RECORDS
RWU #134 – EPA ID# UT-02433
RWU #139 – EPA ID# UT-02434
RED WASH UNIT
UINTAH COUNTY, UTAH

43,047,16490
Chevron U.S.A. Production Co.
Rocky Mountain Profit Center
11002 East 17500 South
Vernal, UT 84078-8526
(801) 781-4300

MR. JOHN CARSON
UIC IMPLEMENTATION SECTION
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, CO 80202-2466
8ENF-T

Dear Mr. Carson:

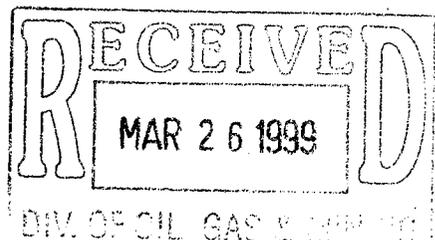
Plugging records are enclosed for the captioned Class II (ER) water injectors. If you have any questions or need additional information, please contact me at (435) 781-4301.

Sincerely,

J. T. CONLEY
RED WASH ASSET TEAM LEADER

cc Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801
Attn. Mr. Gil Hunt

U.S Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078





PLUGGING RECORD

NAME AND ADDRESS OF PERMITEE

Chevron USA INC.
11002 East 17500 South
Vernal, Utah 84078-8526

NAME AND ADDRESS OF CEMENTING COMPANY

Halliburton
Vernal, Utah

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT - 640 ACRES

STATE COUNTY

Utah Uintah

PERMIT NUMBER

UT 02434

SURFACE LOCATION DESCRIPTION

NE 1/4 OF SE 1/4 OF SECTION 29 TOWNSHIP 7S RANGE 23E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface 1895'
Location _____ ft. from (N/S) S Line of quarter section
and 660 ft. from (E/W) E Line of quarter section

43-047-16490

TYPE OF AUTHORIZATION

- Individual Permit
- Area Permit
- Rule

Number of Wells 1

Red wash unit # 139

Lease Name

Describe in detail the manner in which the fluid was placed and the method used in incorporating it into the hole

See Blm Sundry

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB./FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
10 3/4"	40.5"		230'	15"
5 1/2"	15.5"		5900'	7 7/8"

WELL ACTIVITY

- CLASS I
- CLASS II
- Steam Disposal
- Enhanced Recovery
- Hydrocarbon Storage
- CLASS III

METHOD OF EMPLACEMENT OF CEMENT PLUGS

- The Seabee Method
- The Double Sealer Method
- The Two-Plug Method
- Other

CEMENTING TO PLUG AND ABANDON DATA:

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (Inches)	5 1/2	5 1/2	5 1/2"	5 1/2			
Depth to Bottom of Tubing or Drill Pipe (ft.)	4870	4035	2848	280'			
Sacks of Cement To Be Used (each plug)	10	27	50	127			
Slurry Volume To Be Pumped (cu. ft.)	11.5	31.05	57.5	142.05			
Calculated Top of Plug (ft.)	4784	3800	2784	Surface			
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)	15.8	15.8	15.8	15.8			
Type Cement or Other Material (Class #)	CLASS G	CLASS G	CLASS G	CLASS G			

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS

From	To	From	To
4910	4916	5885	5885'
4926	4934	4015'	4015'
5576	5596	2968	2968
5598	5612	280'	280'
5651	5656		

Signature of Cementer or Authorized Representative

S.W. Keibut Chevron USA INC. 3-22-99
Randy Bywater B.L.M. 3-22-99

Signature of EPA Representative

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (REF. 40 CFR 122.22)

NAME AND OFFICIAL TITLE (Please type or print)

JT CONLEY / ASSET TEAM LEADER

SIGNATURE

JT Conley

DATE SIGNED

3-24-99

FIELD: Red Wash WELL#: *139 (43-29A) COUNTY: Utah

LOCATION: NE/SE S-29 T7S-R23E API # 43-047-16490

1 All cement used was Class G mixed @ 15.8ppg.
1.15 yield

LEASE#: U-02025

2 - 10ppg. Brine Between All Plugs

EPA ID: UT-02434

KB: ELEVATION: 5573

GL: ELEVATION: 5560

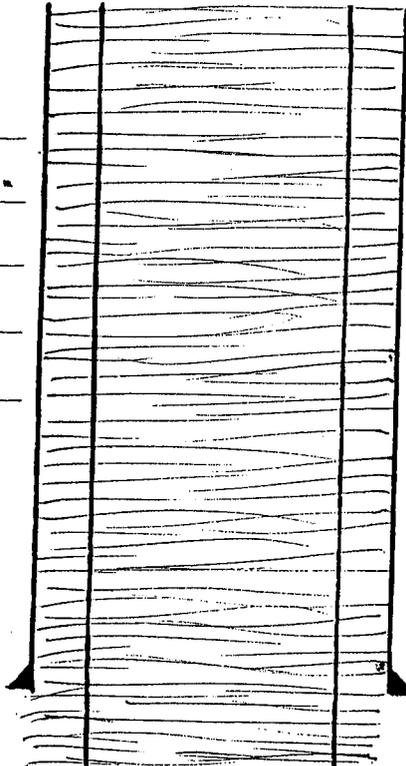
HOLE SIZE: 15"

SURF. CSG.: 10 3/4" 40.5"

SET @: 230'

CEMENT: 160 SX

CMT. TOP: Surface



- 17 Clo w/ Bit & Scraper to 4880'
- 2> Set CIRC @ 4870' Spot 10sx cement on CIRC @ 4870'
- 3> Perforate 4SPF @ 4015' could NOT pump into @ 750 psi.
- 4> Spot A balanced cement plug P/ 4035' to 3800' w/ 27sx cement
- 5> Perforate 4SPF @ 2968' Set CIRC @ 2868' pump 40 sx below CIRC. string out spot 10sx on CIRC.
- 6> Perforate 4SPF @ 280' mix pump ~ 150 sx cement down 5 1/2" cty. & up 5 1/2" x 10 3/4" cty. to surface.
- 7> cut off w.h. install dry-hole plate.

Date plugged
3-22-99

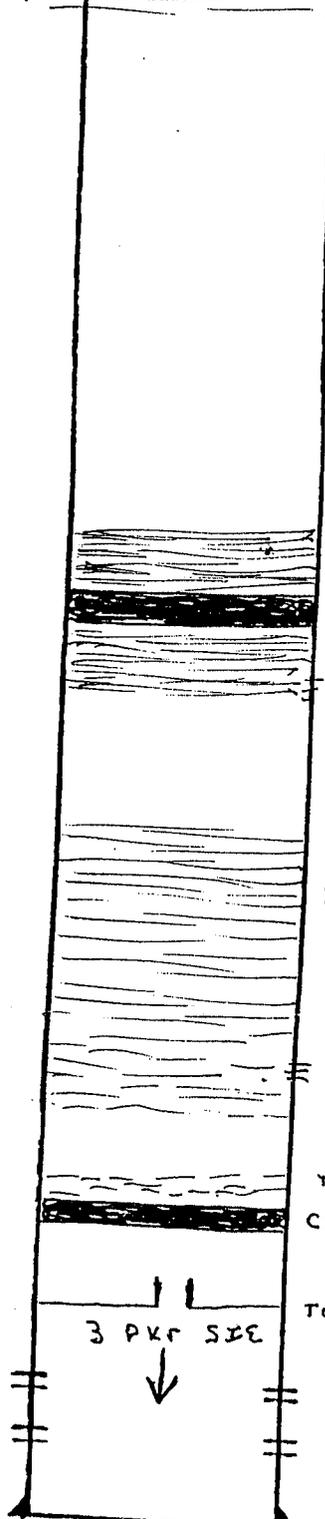
Perforate 4SPF @ 280'

HOLE SIZE: 7 7/8"

CSG.: 5 1/2" 15.5"

SET @: 5900'

CEMENT: 400 SX



- TOC: 2784'
- CIRC @ 2868' Pump 40sx below CIRC, Leave 10SX ON CIRC
- Perforate 4SPF @ 2968'
- Spot A balanced cement Plug. P/ 4035' to 3800' w/ 27sx cement
- Perforate 4SPF @ 4015' - pressure to 750psi & Hold.
- TOC @ 4784'
- CIRC @ 4870' SPOT 10sx ON CIRC
- PERFORATIONS:
- Top of cut @ 4880'

PBTD @: 5849'

TD, @: 5905'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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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 CHANGE OF OPERATOR
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
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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, 1990.

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: *Mitchell L. 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 _____

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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 17th 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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attachment

Field or Unit name: _____ API no. _____

Well location: QQ _____ section _____ township _____ range _____ county _____

Effective Date of Transfer: _____

CURRENT OPERATOR

Transfer approved by:

Name R.K. Wackarsci Company Chevron Production Co.

Signature [Signature] Address 100 Chevron Rd.

Title Unit Manager Rangely, Colo. 81648

Date 7/28/00 Phone (970) 675-3714

Comments:

NEW OPERATOR

Transfer approved by:

Name John Conley Company Shenandoah Energy Inc.

Signature [Signature] Address 11002 E. 17500 S.

Title District Manager Vernal, UT 84078

Date 7-21-00 Phone (435) 781-4300

Comments:

(State use only)

Transfer approved by [Signature] Title Tech. Services Manager

Approval Date 8-24-00

RECEIVED

AUG 9 2000

DIVISION OF

SHENANDOAH ENERGY INC.

11002 E. 17500 S.
VERNAL, UT 84078
PHONE: (435) 781-4300
FAX: (435) 781-4329

RED WASH UNIT

RW #11 (34-27B)	SWSE-27-7S-23E	43-047-15142
RW #14 (14-13B)	SWSW-13-7S-23E	43-047-15144
RW #148 (13-22B)	NWSW-22-7S-23E	43-047-15261
RW #156 (23-15B)	NESW-15-7S-23E	43-047-15267
RW #17 (41-20B)	NENE-20-7S-23E	43-047-15146
RW #173 (21-21B)	NENW-21-7S-23E	43-047-16496
RW #174 (21-20B)	NENW-20-7S-23E	43-047-15281
RW #182 (14-21B)	SWSW-21-7S-23E	43-047-16497
RW #183 (33-13B)	NWSE-13-7S-23E	43-047-15289
RW #185 (41-14B)	NENE-14-7S-23E	43-047-16498
RW #2 (14-24B)	SWSW-24-7S-23E	43-047-16472
RW #23 (21-23B)	NENW-23-7S-23E	43-047-15151
RW #25 (23-23B)	NESW-23-7S-23E	43-047-16476
RW #261 (23-17B)	NESW-17-7S-23E	43-047-32739
RW #264 (31-35B)	NWNE-35-7S-23E	43-047-30519
RW #268 (43-17B)	NESE-17-7S-23E	43-047-32980
RW #275 (31-26B)	NWNE-26-7S-23E	43-047-31077
RW #279 (11-36B)	NWNW-36-7S-23E	43-047-31052
RW #34 (-23-14B)	NESW-14-7S-23E	43-047-15161
RW #56 (41-28B)	NENE-28-7S-23E	43-047-15182
RW #59 (12-24B)	SWNW-24-7S-23E	43-047-16477
RW #6 (41-21B)	NENE-21-7S-23E	43-047-16482
RW #91 (33-22B)	NWSE-22-7S-23E	43-047-16479
RW #93 (43-27B)	NESE-27-7S-23E	43-047-16480
RW #134 (14-28B)	SWSW-28-7S-23E	43-047-16489
RW #139 (43-29B)	NESE-29-7S-23E	43-047-16490
RW #150 (31-22B)	NWSE-22-7S-23E	43-047-15263
RW #16 (43-28B)	NESE-28-7S-23E	43-047-16475
RW #170 (41-15B)	NENE-15-7S-23E	43-047-16495
RW #263 (24-26B)	SESW-26-7S-23E	43-047-30518
RW #265 (44-26B)	SESE-26-7S-23E	43-047-30520
RW #266 (33-26B)	NWSE-26-7S-23E	43-047-30521
RW #269 (13-26B)	NWSW-26-7S-23E	43-047-30522
RW #271 (42-35B)	SENE-35-7S-23E	43-047-31081
RW #68 (41-13B)	NENE-13-7S-23E	43-047-16485
RW #97 (23-18C)	NESW-18-7S-24E	43-047-15216
RW #7 (41-27B)	NENE-27-7S-23E	43-047-15205
RW #324 (23-16B)	NESW-16-7S-23E	
RW #301 (43-15B)	NESE-15-7S-23E	43-047-31682
RW #100A (43-21A)	NESE-21-7S-22E	43-047-15219
RW #199 (43-22A)	NESE-22-7S-22E	43-047-15301
RW #216 (21-27A)	NENW-21-7S-22E	43-047-30103
RW #258 (34-22A)	SWSE-22-7S-22E	43-047-30458
RW #202 (21-34A)	NENW-34-7S-22E	43-047-15303
RW 3215 (43-28A)	NESE-28-7S-22E	43-047-30058
RW #61 (12-27A)	SWNW-27-7S-22E	43-047-16478
RW #102 (41-24A)	NENE-24-7S-23E	43-047-15221
RW #88 (23-18B)	NESW-18-7S-23E	43-047-15210
RW #283 (43-18B)	NESE-18-7S-23E	43-047-32982
RW #52 (14-18B)	SWSW-18-7S-23E	43-047-15178
RW #161 (14-20B)	SWSW-20-7S-23E	43-047-15271

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH	4-KAS ✓
2. CDW	5-SJ ✓
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 100A (43-21A) (wiw)	43-047-15219	5670	21	07S	22E	FEDERAL
RWU 216 (21-27A) (wiw)	43-047-30103	99996	21	07S	22E	FEDERAL
RWU 199 (43-22A) (wiw)	43-047-15301	99996	22	07S	22E	FEDERAL
RWU 61 (12-27A) (wiw)	43-047-16478	99996	27	07S	22E	FEDERAL
RWU 215 (43-28A) (wiw)	43-047-30058	99996	28	07S	22E	FEDERAL
RWU 202 (21-34A) (wiw)	43-047-15303	99996	34	07S	22E	FEDERAL
RWU 68 (41-13B) (wiw)	43-047-16485	99996	13	07S	23E	FEDERAL
RWU 170 (41-15B) (wiw)	43-047-16495	99996	15	07S	23E	FEDERAL
RWU 324 (23-16B) (wiw)	43-047-33084	99999	16	07S	23E	FEDERAL
RWU 88 (23-18B) (wiw)	43-047-15210	5670	18	07S	23E	FEDERAL
RWU 150 (31-22B) (wiw)	43-047-15263	99996	22	07S	23E	FEDERAL
RWU 102 (41-24A) (wiw)	43-047-15221	5670	24	07S	23E	FEDERAL
RWU 263 (24-26B) (wiw)	43-047-30518	99996	26	07S	23E	FEDERAL
RWU 265 (44-26B) (wiw)	43-047-30520	99996	26	07S	23E	FEDERAL
RWU 266 (33-26B) (wiw)	43-047-30521	99996	26	07S	23E	FEDERAL
RWU 269 (13-26B) (wiw)	43-047-30522	99996	26	07S	23E	FEDERAL
RWU 93 (43-27B) (wiw)	43-047-16480	99996	27	07S	23E	FEDERAL
RWU 134 (14-28B) (wiw)	43-047-16489	99996	28	07S	23E	FEDERAL
RWU 16 (43-28B) (wiw)	43-047-16475	99996	29	07S	23E	FEDERAL
RWU 139 (43-29B) (wiw)	43-047-16490	99996	29	07S	23E	FEDERAL
RWU 271 (42-35B) (wiw)	43-047-31081	5670	35	07S	23E	FEDERAL
RWU 97 (23-18C) (wiw)	43-047-15216	99996	18	07S	24E	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

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 08/23/2000

