

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humberg
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River <i>surface</i>	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgait Tongue	Ouray
Green River <i>2823'</i>	Frontier	Phosphoria	Elbert
	Dakota	Park City	McCracken
	Burro Canyon	Rico (Goodridge)	Aneth
	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBONIFEROUS	North Point
Wasatch <i>5708'</i>	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapcats
CRETACEOUS	Glen Canyon Gr.	Akahl	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

UNITED STATES DEPARTMENT OF THE INTERIOR
 OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOG 3 FILE WATER SANDS LOCATION IDENTIFIED SUB. REPORT/abd.

* On Workover

** 2-18-63 Subsequent Report of Pulling and Altering Casing

*** 4-1-66 Subsequent Report of Converting to Water Injection

930803 converted to Gas Producer eff. 10-1-93

DATE FILED 1-6-53

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-02148 INDIAN

DRILLING APPROVED: Prior OGCC

SPUDED IN: 1-26-53

COMPLETED: 4-6-53 PUT TO PRODUCING: ***1-19-66

INITIAL PRODUCTION: 146 BOPD ** 243 BOPD 4 BWPD 155 MCFG/D *** 1573 BWPD @ 0 PSI

GRAVITY A.P.I. 29° @ 60°

GOR:

PRODUCING ZONES: 5454'-69'g, 5528'-47'; 5553'-80', 5590'-96'; 5628'-38' *** 5492'-97' (110)

TOTAL DEPTH: 5726'

WELL ELEVATION: 5720' G 5731' DF 5733' KB

DATE ABANDONED:

FIELD: Red Wash - Greater Red Wash Area

UNIT: Red Wash

COUNTY: Uintah

WELL NO. RED WASH UNIT #22 (41-18C)

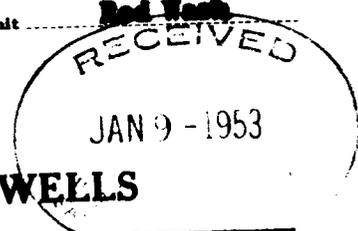
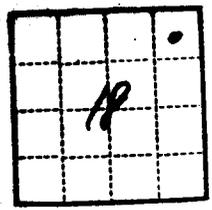
LOCATION 695.5 FT. FROM (N) ~~XX~~ LINE, 695.5 FT. FROM (E) ~~XX~~ LINE. SW NE NE / 14-14 SEC. 18

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
27 S	24 E	18	CHEVRON OIL COMPANY				

Lead Office **Salt Lake City**
Lease No. **8-0218**
Unit **Red Wash**

(SUBMIT IN TRIPPLICATE)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ORIGINAL FORWARDED TO CASPER**



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, January 6, 1952

Well No. **22** is located **695.5** ft. from **(N)** line and **695.5** ft. from **(E)** line of sec. **18**

NE 1/4 Sec. 18 **T 7 S** **R 24 E** **S 12 M**
(Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Red Wash **Wasatch** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation ~~11,000 ft.~~ above sea level is **5730** ft. **KB (Zero) Mt.**

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 test for oil for completion in the Green River Formation.

Proposed Casing Program Is:

- 1 1/2" O.D. conductor csg. at approx. 40' cemented to surface.**
- 9-5/8" O.D. csg. at approx. 500' cemented to surface.**
- 7" O.D. oil string through Green River zone at 5752' with sufficient cement to exclude all potential oil or gas zones.**

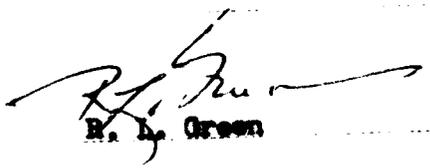
Estimated top of Green River 2871'
Estimated top of Wasatch 5740'

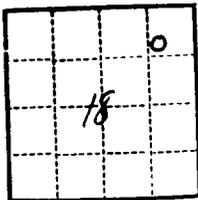
(APPROVAL IS CONDITIONAL UPON COMPLIANCE WITH THE TERMS ATTACHED HERETO)

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

Company **The California Co.**

Address **Box 455**
Vernal, Utah

By 
R. L. Green
Title **Engr. In Charge**



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **U-02148**
Unit **Red Wash**

Approval expires 12-31-52.
FEB 1 - 1953

ORIGINAL FORMS SENT TO ORDER
SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Vernal, Utah, January 30, 19**53**

Well No. **22** is located **695.5** ft. from **N** line and **695.5** ft. from **E** line of sec. **18**

N 7 2 Sec. **18** **T 7 S** **R 21 E** **S 12 M**
(Twp.) (Range) (Meridian)
Red Wash **Utah** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation ~~5733.45~~ above sea level is **5733** ft. **KB (Zero)**

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 Ground Elevations is **5719.55'**

The Derrick Floor Elevation is **5731.45'**

The Kelley Bushing Elevation is **5733.45'**

This well was spudded at 11:30 P. M., 1-26-53.

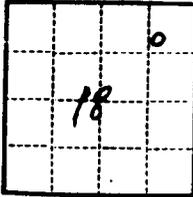
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The California Company**
Address **P. O. Box 455**
Vernal, Utah

By **R. L. Green**
Title **Engr. in Charge**

APPROVED FEB 1 1953

(Copy 1)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ORIGINAL FORWARDED TO OMSPER

Land Office **Salt Lake City**
Lease No. **1-02148**
Unit **Red Wash**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report of Running 9-5/8" X Casing	X

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

Vernal, Utah, January 30, 1953

Well No. **22** is located **695.5** ft. from **N** line and **695.5** ft. from **E** line of sec. **18**

18 **18** **18** **18** **18**
(Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Red Wash **Winteh** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation ~~111111111111~~ above sea level is **5733** ft. **KB** (Zero)

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)

Ran 10 fts. 9-5/8", N-80, 40#, LMC casing; and 7 fts. 9-5/8", J-55, 36#, ST&C cng. Landed at 535.83', and cemented with 320 sacks to surface. Ran four centralizers at 530', 471', 361', and 290'. Had good cement returns.

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

Company **The California Company**

Address **P. O. Box 455**

Vernal, Utah

By **R. L. Green**

Approved **FEB - 1953**

Title **Engr. In Charge**

(Orig. Sgd.) **H. C. Coover**

Shot used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from ~~Surface~~ feet to 5726 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

~~Started~~ _____, 1953 Put to producing April 6, 1953
 The production for the first 24 hours was 116 barrels of fluid of which 99.7 % was oil; _____ %
 emulsion; _____ % water; and .3 % sediment. Gravity, °Bé. 29° @ 60° F.

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Earl Batcher _____, Driller Frank L. Nishi _____, Driller
George Stewart _____, Driller _____, Driller

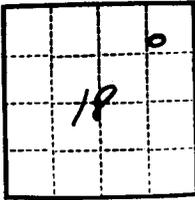
FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	3000	3000	Shale with sand streaks
3000	3865	765	Shale and sand
3765	3790	25	Shale and lime
3790	4500	710	Shale and lime with sand streaks
4500	4540	40	Sand
4540	4700	160	Shale and lime
4700	4730	30	Sand
4730	5100	370	Shale and lime with sand streaks
5100	5225	125	Sand and shale
5225	5420	195	Shale
5420	5465	45	Sand and shale
5465	5523	58	Shale with sand streaks
5523	5726	203	Sand and shale

FROM

(OVER)

10-3094-2



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. 5-02148
Unit Red Wash

UNIQUELY IDENTIFIED TO CROPPER

MAR 23 1953

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Complete Well	X

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

Vernal, Utah, March 20, 1953

Well No. 22 is located 695.5 ft. from N line and 695.5 ft. from E line of sec. 18

NE 1/4 NE 1/4, Sec. 18
(1/4 Sec. and Sec. No.)

T 7 S
(Twp.)

R 24 E
(Range)

S15M
(Meridian)

Red Wash
(Field)

Utah
(County or Subdivision)

Utah
(State or Territory)

The elevation 5733 ft. KB (Zero) above sea level is 5733 ft. KB (Zero)

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)

After well is drilled to a depth of \neq 5726', Schlumberge electric log will be run. Straddle DST's will be run to test zones 5625-5641'; 5526-5544'; and 5357-5385'. Intend to run 7" OD, 23#, J-55 casing to the TD and cement with 300 sks. of cement containing Strata-crete followed with 75 sks. of slo-set cement. After WOC for 48-72 hours, casing will be cleaned out to the float collar and tested with 1500 psi. for 30 min. Gamma Ray log will be run and the zones, 5540-5550'; 5552'-5562'; 5569-5578'; and 5588-5596', will be perforated with 4 bullets and 4 jets per foot. Tubing will be run and the well swabbed before releasing the rig.

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

Company The California Company

Address P. O. Box 455

Vernal, Utah

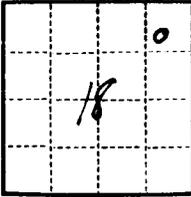
By

R. L. Green

Title

Engr. In Charge

ALP



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **U-02148**
Unit **Red Wash**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	DST #1	X

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

Vernal, Utah, March 23, 1953

Well No. **22** is located **695.5** ft. from **(N)** line and **695.5** ft. from **(E)** line of sec. **18**

NE 1/4 NE 1/4, Sec. 18
(1/4 Sec. and Sec. No.)

T 7 S
(Twp.)

R 24 E
(Range)

SLEM
(Meridian)

Red Wash
(Field)

Uintah
(County or Subdivision)

Utah
(State or Territory)

The elevation ~~of the bottom of the hole~~ above sea level is **5733** ft. **KB (Zero)**

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)

Test Interval 5625-41'. Straddle test, no WC, no choke, TO 1 hr., SI 30 min. Had faint steady blow thruout test. Rec. 100' of slightly gas and water cut mud with a few specks of oil.

	IF	FF	SI	HH
BT	25	95	985	2600
FRD	0	0	950	2700

Bomb below bottom packer showed packer held.

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

Company **The California Company**

Address **P. O. Box 455**

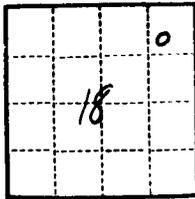
Vernal, Utah

By

R. L. Green
R. L. Green

Title

Eng'r. In Charge



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-02148
Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	IST #2	X

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

Vernal, Utah, March 23, 1953

Well No. 22 is located 695.5 ft. from 131 line and 695.5 ft. from 131 line of sec. 18
NE
NE 1/4 Sec. 18 T 7 S R 24 E SLM
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Red Wash Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation ~~1111111111~~ above sea level is 5733 ft. **KB (Zero)**

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)

II 5526-44', Straddle Test. No choke, no WC, TO 1 hr., SI 30 min., had good blow thruout test with gas to surf. in 65 min. Very small vol., burned with orange flame. Rec. 340' of 10% oil cut mud (20% gas cut), 340' of 27° API clean oil, and 380' of 20% mud cut oil. Excessive mud due to having to reseal packer while opening tool. No water noted in fluid recovered.

	IF	FF	SI	HH
BT	285	355	2035	2635
PRD	No Chart PRD Sub Plugged.			

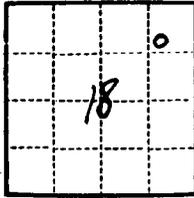
Bomb below bottom packer showed packer held.

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

Company The California Co.

Address Box 455
Vernal, Utah

By R. L. Green
Title Engr. In Charge



(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **N-02148**
Unit **Red Wash**

ORIGINAL FORM USED TO COVER

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	DST #3	X

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

Vernal, Utah, March 23, 1953

Well No. **22** is located **695.5** ft. from **[N]** line and **695.5** ft. from **[E]** line of sec. **18**

11E

11E

Sec. 18

T 7 S

R 24 E

S 10 M

(4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Red Wash
(Field)

Uintah
(County or Subdivision)

Utah
(State or Territory)

The elevation ~~of the well~~ above sea level is **5733** ft. **KB (Zero)**

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)

TI 5357-85', Straddle Test. No choke, no WC, TO 1 hr., SI 30 min. Had good blow thruout test. Rec. 60' water cut mud, and 3340' of water with H₂S odor with specks of oil thruout.

	IF	FF	SI	HH
BT	235	1540	1930	2595
FRD	450	1500	1900	2650

Bomb below bottom packer showed packer held.

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

Company **The California Company**

Address **Box 455**

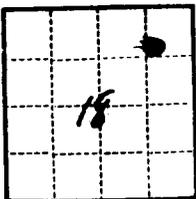
Vernal, Utah

By

R. L. Green

Title

Engr. In Charge

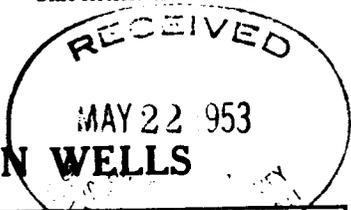


(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **U-02148**
Unit **Red Wash**

ORIGINAL FORWARDED TO CASPER



SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Vernal, Utah, May 20, 1953

Well No. **22** is located **695.5** ft. from **N** line and **695.5** ft. from **E** line of sec. **18**

NE 1/4 NE 1/4, Sec. 18
(1/4 Sec. and Sec. No.)

T 7 S
(Twp.)

R 24 E
(Range)

S1EM
(Meridian)

Red Wash
(Field)

Uintah
(County or Subdivision)

Utah
(State or Territory)

The elevation ~~of the device level~~ above sea level is **5733** ft. **KB (Zero)**

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)

At a TD of 5726', ran 7" O.D. 2 3/4 J-55 Japanese and French casing. Landed at 5726'. Cemented with 300 sacks of cement with strata-crete followed by 75 sacks of sls-set cement. WOC 4:10 a.m., 3-17-53. Drilled out float collar and cement to the PBD of 5655'. Perforated 5528-47', 5553-80', 5590-96', and 5628-38' with 4 bullets and 4 jets per foot.

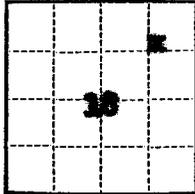
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The California Company**
Address **P. O. Box 455**
Vernal, Utah

By **F. L. Merry** *F. L. Merry/sp*
Title **Field Supt.**

Approved **MAY 23 1953**
(Orig. Sgd.) *H. C.*

District Engineer *H. C.*



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-02148

Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	
<u>Notice of Intention to Sand Oil</u> <input checked="" type="checkbox"/>	

Squeeze

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

Vernal, Utah January 16, 1957

Well No. 22 is located 695.5 ft. from N line and 695.5 ft. from E line of sec. 18

NE 1/4 18 T 7 S R 24 E S12M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation ~~of the derrick floor~~ above sea level is 5733 ft. K.F. (Zero)

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 Sand Oil Squeeze the perforations 5528 - 5638 with 300 barrels Sand Oil. Sand Oil mix to be ^{1 2/3} Wash Ottawa sand per gallon B. F. #5.

There will be no change in the tubing string.

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

Company The California Company

Address P. O. Box 455

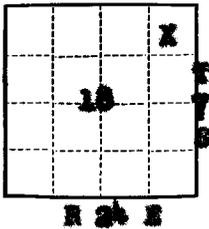
Vernal, Utah

By J. T. COCKER

Title District Superintendent

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City
Lease No. U-02145
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 September 28, 1962

(42-18C)
Well No. 22 is located 695.5 ft. from [N] line and 695.5 ft. from [E] line of sec. 18
NE 1/4 NE 1/4 18 78 24E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
(Field) (County or Subdivision) (State or Territory)

The elevation of the Kelly Dushing above sea level is 5733 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:

1. Clean out well to 5635'.
2. Wash existing perfor with 430 bbls hot crude (300°F).
3. Perforate casing at 5088-1/2 and 5075'.
4. Shut test new perfs.
5. Free or cement squeeze new perfs depending on shut results.
6. Return well to production

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

Company California Oil Company, Western Division

Address P. O. Box 455

Vernal, Utah

Original Signed by
R. W. PATTERSON

By R. W. PATTERSON

Title Field Superintendent

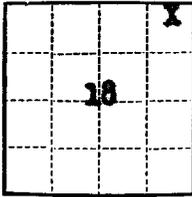
USGS, SEC-3; OAGOC, SEC-1; Galf, Denver-1; Conkline-1; NLS-1; File-1

478

Land Office Salt Lake City
Lease No. U-02148
Unit Red Wash

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



R24E

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.....	X
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 February 18, 1963

Well No. (41-18C) 22 is located 695.5 ft. from {N} line and 695.5 ft. from {E} line of sec. 18

NE 1/4 NE 1/4 18 78 24E SLBM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Red Wash Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ Kelly Rushing above sea level is 5733 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)

Work Performed:

1. Washed existing perfs with hot crude.
2. Ran Schlumberger Gamma-Collar Log.
3. Perforated at 5075 & 5082 1/2 w/ 5-way jets.
4. Acidized & swab tested perfs 5075 & 5082 1/2.
5. Sand-oil fraced perfs 5075 & 5082 1/2 down tubing.
6. Swab tested perfs 5075 & 5082 1/2.
7. Returned well to production.

Production before: 73 BOPD, 7 BWPD, 78 MCFD

Production after: 243 BOPD, 4 BWPD, 155 MCFD/D

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

Company California Oil Company, Western Division

Address P. O. Box 455

Vernal, Utah

Original Signed by
R. W. PATTERSON

By R. W. PATTERSON

Title Field Superintendent

USGS-3; O&GCC-1; Gulf in Oklahoma City-1; Caulking-1; R. L. Green-1; File-1.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN 1. ATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Chvron Oil Company, Western Division</p> <p>3. ADDRESS OF OPERATOR P. O. Box 455, Vernal, Utah 84078</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 695.5 FHL, 695.5 FHL, Sec. 18, T7N, R24E, S12M</p> <p>14. PERMIT NO.</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. U-02148</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME Red Wash</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. Unit #22 (42-18C)</p> <p>10. FIELD AND POOL, OR WILDCAT</p> <p>11. SEC., T., R., M., OR BLE, AND SURVEY OR AREA Sec. 18, T7N, R24E, S12M</p> <p>12. COUNTY OR PARISH Uintah</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 5733'</p>	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Convert to Water Injection <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

It is proposed to convert subject well to water injection service as follows:

1. Clean out to FRED and displace w/ water.
2. Run Cement Bond Log. Recement when and as warranted.
3. Perf at 5492 and 5497' (Ky) w/ tandem 5-way jets.
4. Breakdown and frac Ky 5492 & 5497'.
5. Selectively pump test L₁-L₂(g) blank 5628-5596. Recement if and as warranted.
6. Selectively acidize; wash w/ Malco "suds"; swab "suds" back and determine injectivity into following perms: 5075 & 5082 (I₁) 5528-47 (L), 5553-80 (L₁ & L_{2a}), 5590-96 (L_{2a}) and 5628-38 (L₁).
7. Change out tubing head and hydrotest in with injection string and casing packer.
8. Set packer, install tree and begin water injection.

Present Production: 50 BOPD, 1 MOPD, 99 MCFD.

APPROVED BY UTAH OIL AND GAS
CONSERVATION COMMISSION

DATE: 1-6-66 by [Signature]
CHIEF PETROLEUM ENGINEER

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

SIGNED **R. W. PATTERSON** TITLE **Unit Superintendent** DATE **1-5-66**

(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 THE STATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Convert to Water Injection		5. LEASE DESIGNATION AND SERIAL NO. U-02148
2. NAME OF OPERATOR Chevron Oil Company, Western Division		6. INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 455, Vernal, Utah		7. UNIT AGREEMENT NAME Red Wash
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 695.5' FWL, 695.5' FKL, Sec. 18, T78, R24E, S18N		8. FARM OR LEASE NAME
14. PERMIT NO. KB-5733'		9. WELL NO. Unit #22 (41-18C)
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 18, T78, R24E, S18N
		12. COUNTY OR PARISH Blanch
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Convert to Water Injection <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Subject well was converted to water injection service on 1-19-66 as follows:

- Cleaned out to FBTD and displaced w/ water.**
- Ran GBL.**
- Perforated at 5492 and 5497 (K_g) w/3-way tandem jets. Broken down K_g perfs. Treated and ran injection tests on perfs 5075 and 5082½ (I_g), 5492 and 5497 (K_g), 5528-47 (L), 5553-80 (L_A & L_{AB}), 5590-96 (L_{AB}) and 5628-38 (L_C).**
- Changed out tubing head and hydrotasted in w/ injection string and packer.**
- Set packer, installed tree and began water injection.**

Prior Production: 50 BOPD, 1 MWPD, 99 MEWD.

Initial Injection: 1573 MWPD at 0 psi.

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

SIGNED **R. W. PATTERSON** R. W. PATTERSON TITLE **Unit Superintendent** DATE **3-28-66**

(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 1. DATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Convert to Water Injection		5. LEASE DESIGNATION AND SERIAL NO. U-02148
2. NAME OF OPERATOR Chevron Oil Company, Western Division		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 455, Vernal, Utah		7. UNIT AGREEMENT NAME Red Wash
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 695.5' FNL, 695.5' FKL, Sec. 18, T7S, R24E, S18M		8. FARM OR LEASE NAME
14. PERMIT NO. KB-5733'		9. WELL NO. Unit #22 (41-13C)
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA Sec. 18, T7S, R24E, S18M
		12. COUNTY OR PARISH Utah
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Convert to Water Injection <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Subject well was converted to water injection service on 1-19-66 as follows:

- Cleaned out to PFTD and displaced w/ water.**
- Ran GBL.**
- Perforated at 5492 and 5497 (K_y) w/5-way tandem jets. Broke down K_y perfs. Treated and ran injection tests on perfs 5075 and 5082½ (I_g), 5492 and 5497 (K_y), 5528-47 (L), 5553-80 (L_A & L_{AR}), 5590-96 (L_{AR}) and 5628-38 (L_C).**
- Changed out tubing head and hydrotested in w/ injection string and packer.**
- Set packer, installed tree and began water injection.**

Prior Production: 50 BOFPD, 1 BWPD, 99 MCFD.
Initial Injection: 1573 BWPD at 0 psi.

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

SIGNED R. W. PATTERSON TITLE Unit Superintendent DATE 1-28-66

(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

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: 695.5' FNL & 695.5 FEL NENE
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT 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 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) <u>UIC Compliance & Profile Control</u>			

5. LEASE <u>U-02148</u>
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME <u>Red Wash</u>
8. FARM OR LEASE NAME
9. WELL NO. <u>22(41-18C)</u>
10. FIELD OR WILDCAT NAME
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 18, T7S, R24E</u>
12. COUNTY OR PARISH <u>Uintah</u>
13. STATE <u>Utah</u>
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) <u>KB 5733'</u>

(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.)*

The purpose of this workover is to bring RWU 22(41-18C) into compliance with UIC regulations. In addition to providing compliance with UIC regulations, this job will improve the injection profile of this well. Please see attached procedure.

RECEIVED

OCT 04 1982

DIVISION OF
OIL, GAS & MINING

3-MMS
2-State
3-Partners
1-Fld Foreman
1-Sec 723
1-File

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 September 28, 1982

(This space for Federal or State office use)

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

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 10/13/82
BY: [Signature]

RWU NO. 22 (41-18C)
 Red Wash/Main Area
 CRD2-2953
September 7, 1982

Present Status

The well is currently injecting thru the annulus and tubing.

Open Perfs

5075 I _F 30)		5528-47 L _A 50-L _B 30)	
5082½ I _F 50)		5553-80 L _B 40-L _C 30)	
5492 K _F 10)	Annulus	5590-96 L _D 20-50)	Tubing
5497 K _F 30)		5628-38 L _F 05-20)	

Injectivity Surveys show a poor tubing injection profile.
 K_F perfs are probably taking all of the annulus injection.

Tubing Detail:

KBTH	13.80
BWH	0.85
Stretch	2.50
15 jts 2½" 6.5 # J-55 tbg	463.66
2½" tbg pup	9.85
159 jts tbg as above	5020.37
Baker Model E pkr	3.50
tubing landed @	<u>5514.53</u>

RWU NO. 22 (41-18C)
RED WASH/MAIN AREA
CRD2-2953
September 7, 1982

Workover Procedures:

1. Monitor SI tubing pressure to determine kill fluid weight.
2. Backflow well until water cleans up.
3. Kill well, POOH w/ injection string, and CO to PBTB.
4. Perforate the following interval w/ 2 shots/ft using maximum penetration charges in casing gun. Depths are from Schlumberger IES log dated 03/13/53.

4886-4870 H_F 23-67 16 ft 32 shots
5. Isolate perfs 4886-4870 and break down w/ 500 gal 15% HCl w/ 10 gal/M FE-1A iron sequestering agent, 50 gal/M Parasperse paraffin dispersant, 2 gal/M Tri-S surfactant, 5 gal/M HC-2 suspending agent, 50 #/M spacer sperser dispersant, and 2 gal/M HAI-55 corrosion inhibitor. Over displace acid 50 bbls.
6. RIH w/ SIE string as follows: Note that new tubing is to be installed.
top packer @ ± 4800
top mandrel @ ± 5140
bottom packer @ ± 5300
bottom mandrel @ ± 5400
Add packer and mandrel between H_F and I_E perfs.
Circulate inhibited packer fluid and freeze blanket into place.
Note: Side pocket mandrels should be run w/ valve blanks. After hanging well off, run wireline service to replace blanks w/ largest possible valves. Tubing is to be landed with NO-GO and standing valve @ ± 5620 to facilitate logging with chokes in mandrels.
7. Return well to injection at maximum rate at 1500 psi.

P ✓
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G

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other Wtr 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: 695.5' FNL & 695.5' FEL NENE
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-02148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash Unit

8. FARM OR LEASE NAME

9. WELL NO.
22(41-18C)

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 18, T7S, R24E

12. COUNTY OR PARISH Uintah 13. STATE Ut.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 5733'

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 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) <u>Compliance with UIC Regulations</u>			

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

DIVISION OF

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.)*

Work was done on this well to bring it into compliance with UIC Regulation.

1. MIRU, ND TREE. NU BOPE.
2. POOH W/INJECTION STRNG, C/O TO PBDT (5655').
3. CIRC HOLE CLEAN, REV. HOLE CLEAN.
4. RIH W/CSG CALIPER AND INSPECTION LOGS F/TD TO 4700'.
5. PERF 4870-86' RIH W/RBP & PKR.
6. ACIDIZE PERFS 4870-86' W/500 GALS 15% HCl.
7. RIH W/SIE STRING, T/PKR 4803'
T/Mandrel 4934'
BTM PKR 5327'
BTM MANDREL 5458'

- 3-MMS
- 2-State
- 3-Partners
- 1-MEC
- 1-Sec. 723
- 1-File

Note: Present Statue:
Date BOPD WTR Gas
12/82 cumm 410546 8633 743655

8. RIH & SET STND VALVE, LAND TBG, RIH & SET PKRS & TST SAME, ND BOPE, NU TREE, RD MOL.
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE Engineering Asst DATE February 10, 1983

(This space for Federal or State office use)

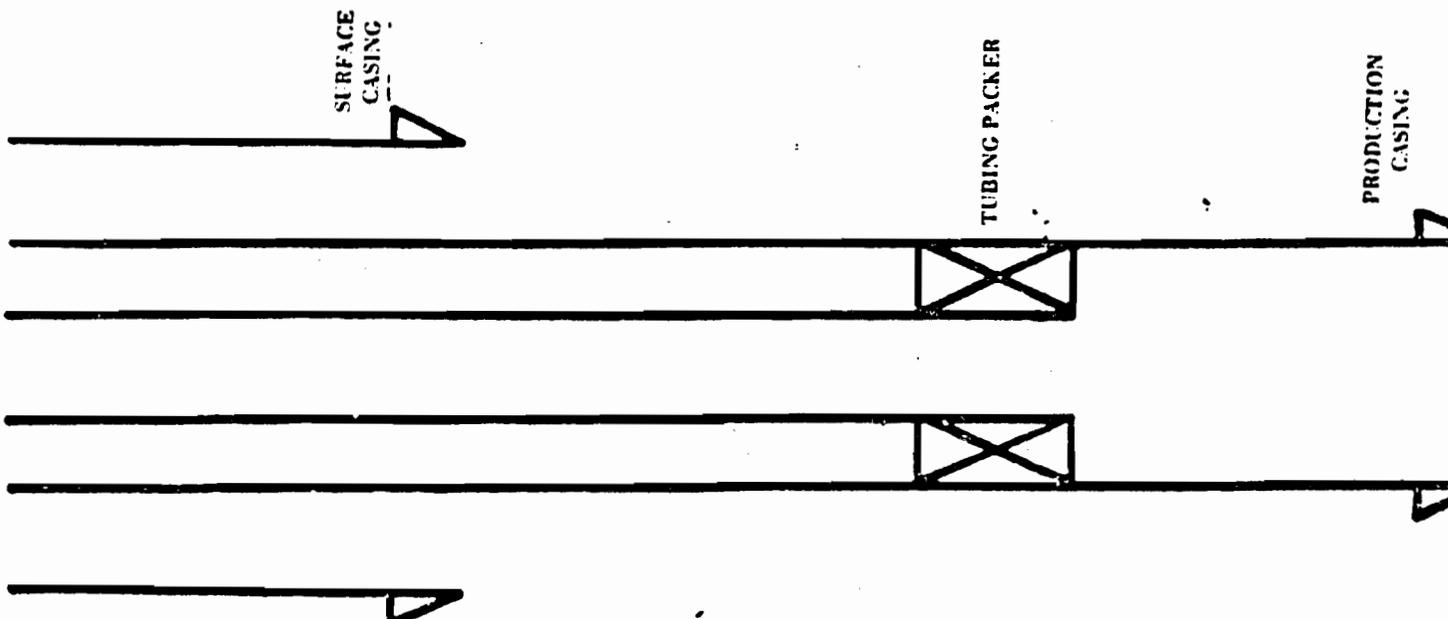
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	9-5/8"	536	320	surface	returns
Intermediate					
Production	7"	5726	375	3900	CBL
Tubing	2-7/8"	5621	Name - Type - Depth of Tubing Packer Baker FH packers @ 4803, 5004, and 5328		
Total Depth 5726	Geologic Name - Inj. Zone Green River		Depth - Top of Inj. Interval 4870	Depth - Base of Inj. Interval 5638	

SKETCH - SUBSURFACE FACILITY



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. 22 WELL
 SEC. 18 TWP. 7S RANGE 24E
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-02148</u>	Well No. <u>22 (41-18C)</u>	Field <u>Red Wash</u>	County <u>Uintah</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NE 1/4 NE 1/4</u> Sec. <u>18</u> Twp. <u>7S</u> Rge. <u>24E</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>11/18/82</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 <u>oil & gas</u>	
Location of Injection Source(s) <u>Fresh water from the Green River</u>	Geologic Name(s) and Depth of Source(s) <u>Not applicable</u>		
Geologic Name of Injection Zone <u>Green River</u>	Depth of Injection Interval <u>4870</u> to <u>5638</u>		
a. Top of the Perforated Interval: <u>4870</u>	b. Base of Fresh Water: <u>2700</u>	c. Intervening Thickness (a minus b) <u>2170</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <u>(YES)</u> NO			
Lithology of Intervening Zones <u>sand-shale</u>			
Injection Rates and Pressures Maximum = <u>2500 B/D</u> , Working = <u>800</u> B/D Maximum = <u>3000 psi</u> , Working = <u>2000</u> psi			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent			
<u>Bureau of Land Management, State of Utah</u>			<u>JUL 29 1983</u>
<u>1400 University Club Building</u>			
<u>136 East South Temple</u>			
<u>Salt Lake City, Utah 84111</u>			

State of Colorado)

R. H. Elliott
Applicant

County of Denver)

R. H. ELLIOTT

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.

Subscribed and sworn to before me this 19 day of July, 1983
 My commission expires July 5, 1987.

SEAL My Business address is:
700 South Colorado Blvd.

Luis J. Thompson
 Notary Public in and for Colorado

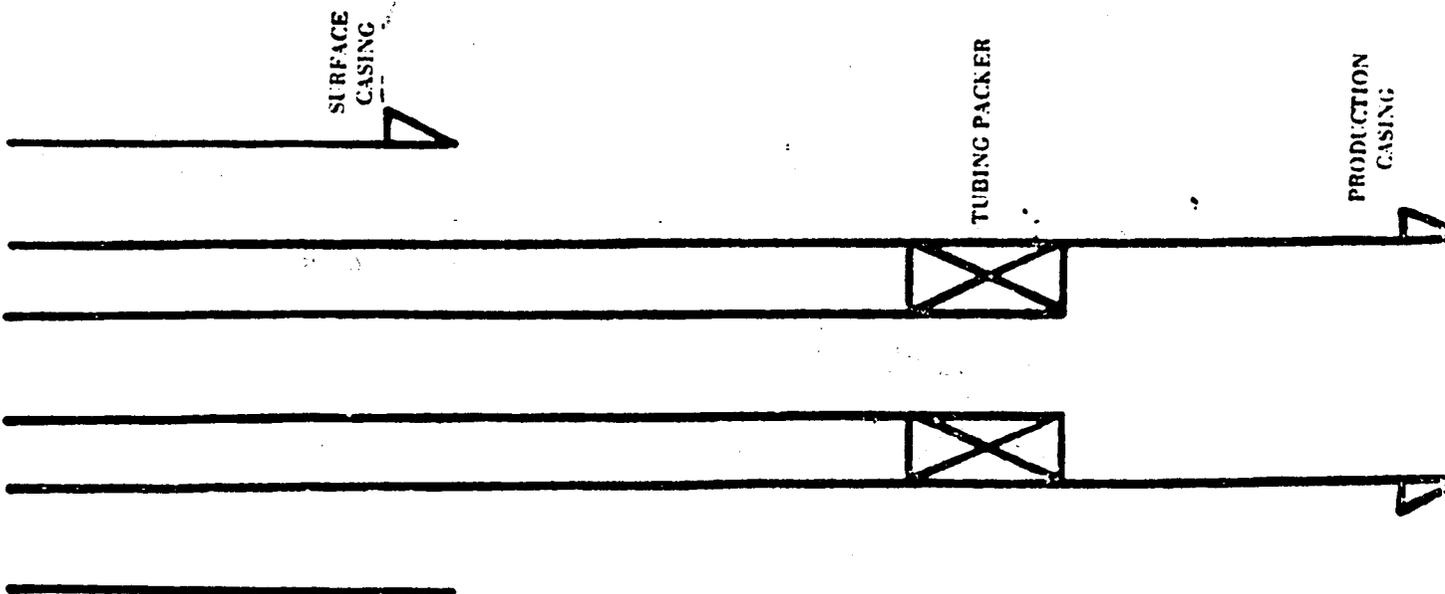
My commission expires 08-08-80222

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

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	9-5/8"	536	320	surface	returns
Intermediate					
Production	7"	5726	375	3900	CBL
Tubing	2-7/8"	5621	Name - Type - Depth of Tubing Packer Baker FH packers @ 4803, 5004, and 5328		
Total Depth 5726	Geologic Name - Inj. Zone Green River	Depth - Top of Inj. Interval 4870	Depth - Base of Inj. Interval 5638		

SKETCH - SUBSURFACE FACILITY



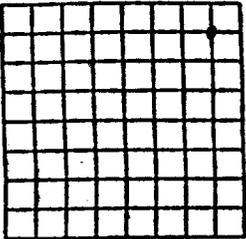
Form UIC-2

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

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

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

API NO 43-047-05548
840 Acres



Lease Well Correlate and Outline Lease

COUNTY Uintah SEC. 18 TWP. 7S RGE. 24E
COMPANY OPERATING Chevron U.S.A. Inc.
OFFICE ADDRESS P. O. Box 599
TOWN Denver STATE ZIP CO 80201
FARM NAME Red Wash WELL NO. 22
DRILLING STARTED 1/26 19 53 DRILLING FINISHED 3/12 19 53
DATE OF FIRST PRODUCTION 4/6/53 COMPLETED 3/23/53
WELL LOCATED NE $\frac{1}{4}$ NE $\frac{1}{4}$
1944 FT. FROM SW OF $\frac{1}{4}$ SEC. & 1944 FT. FROM NW OF $\frac{1}{4}$ SEC.
ELEVATION DERRICK FLOOR 5731.45 GROUND 5718

COUNTY
LEASE NO.

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	5700			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sex	Fillup	Top
9-5/8"	40# 36#	J-55	536	1200	320	-	surface
7"	23#	J-55	5726	1000	375	-	3900

Packers set Depth 4803, 5004, 5328

TOTAL DEPTH 5726

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	1	2	3
Green River			
SPACING & SPACING ORDER NO.	40-acre spacing		
CLASSIFICATION (Oil; Gas; Dry; Inf. Well)	Enhanced recovery		
PERFORATED	4870-86	5497	5628-38
INTERVALS	5075	5528-47	
	5083	5553-80	
	5492	5590-96	
ACIDIZED?	All perforated intervals		
FRACTURE TREATED?	5075-5638		

INITIAL TEST DATA

Date	4-53		
Oil. bbl./day	139		
Oil Gravity	28		
Gas. Cu. Ft./day	151	M CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	1086		
Water-Gbl./day	0		
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.

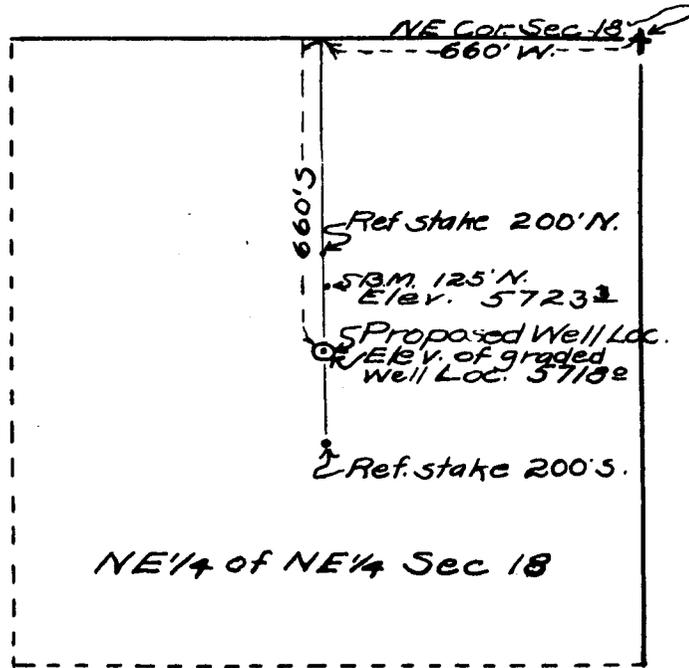
My Telephone (303) 691-7437 R.H. Elliott - Area Prod. Supt.
Name and title of representative of company
My commission expires July 5, 1987
Business address is: _____
Subscribed and sworn before me this 19 day of July, 19 83
Denver, CO 80222
Lais J. Thompson

File

Red Wash Unit #22

PLAT SHOWING
PROPOSED LOCATION OF THE CALIFORNIA
COMPANY WELL IN THE NE¹/₄ OF THE NE¹/₄
SECTION 18, TOWNSHIP 7 SOUTH, RANGE
24 EAST, SALT LAKE BASE AND MERIDIAN

Scale of Plat 1" = 400 ft.

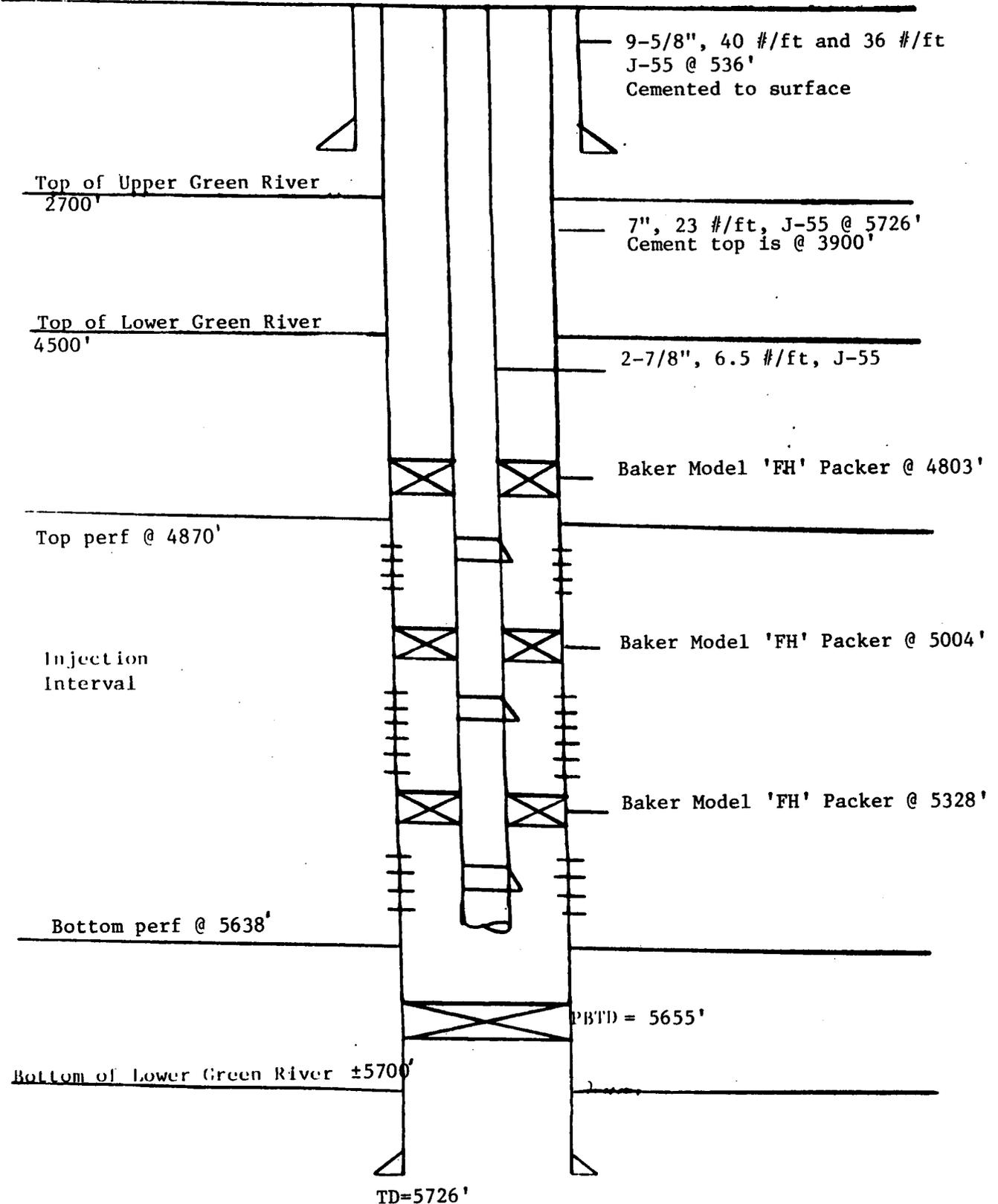


I, Leon P. Christensen of Vernal, Utah do hereby certify that this plat correctly shows the proposed location of the well shown hereon as surveyed by me on November 18, 1952, and levels run December 6, 1952; that said location is at a point 660 feet West and 660 feet South of the Northeast corner Section 18, Township 7 South, Range 24 East, Salt Lake Base and Meridian.

Leon P. Christensen

*Location moved
50' S 45' W from center
1/4 1/4 section per
memo dated 11-19-52
written by OMR*

Ground Level 5718'



Red Wash Unit 22 (41-18C)
Wellbore Schematic

CBL DESCRIPTIONS

Injection Well

RWU No. 22 (41-186)

The CBL indicates poor cement quality from TD (5646') to 5430'. Good to fair bond does exist from 5430'-5100' and from 4320' to the cement top at 3900'. Good and poor bond alternates from 4320'-5100' with very good intervals from 4360'-4410' and 4525'-80'. The injection interval is from 4870'-5638'.

Offset Producers

RWU No. 71 (21-18C)

A cement bond log is not available for No. 71 (21-18C). The cement top is calculated to be at \pm 3475'. The production interval is 5552'-5726'.

RWU No. 76 (32-18C)

Bonding is good above 3590'. The cement bond log shows a fair bond from 3590' to 3650' and a poor bond from 3650' to 3820'. The bond is fair from 3820' to 4070', with short intervals of poor bonding. From 4070' to total depth, the bond is of good overall quality, except for intervals of fair bond at 4110' to 4150', 4200' to 4240', 4295' to 4350', and intervals of poor bond at 4610' to 4620', 4660' to 4680', 4730' to 4740', 4770' to 4780', 4800' to 4830', and 4860' to 4880'. Cement top is at \pm 3470'. The gross perforated interval is 4794' to 5582'.

RWU No. 87 (21-17C)

No. 87's CBL indicates fair cement bonding from the cement top at 3570' to 4400'. Below 4400', the bond is generally good with poorly bonded sections at 5440'-5450' and 5490'-5530'. The gross perforated interval is 4837'-5537'.

RWU No. 106 (12-17C)

The CBL indicates the cement top is at \pm 4100'. The bond from 4100' to 4482' is generally poor in nature. Bonding is good to fair from 4482' to 5420' with poor sections from 4630' to 4648' and 4808' to 4848'. Producing interval is from 4804' to 5013'.

RWU No. 243 (42-18C)

The CBL indicates poor cement bond from TD (5400') to the cement top at 4345' with intervals of good to fair bond from 5125'-5335', 4720'-4830', and 4345'-4575'. The production interval is 4432'-5298'.

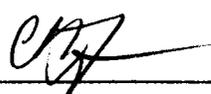
CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

* * * * *

Operator: Chertron Well No. 41-18C (22)
 County: Ventura T 75 R 24E Sec. 18 API# 43-047-05548
 New Well Conversion Disposal Well Enhanced Recovery Well

	YES	NO
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	<u>Greenner & Ventura</u>	
Analysis of Injection Fluid	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>5460</u>
Analysis of Water in Formation to be injected into	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>21,667</u>
Known USDW in area	<u>Ventura & Greenner</u> Depth <u>2700</u>	
Number of wells in area of review	<u>4</u> Prod. <u>3</u> P&A <u>0</u>	Water <u>0</u> Inj. <u>1</u>
Aquifer Exemption	Yes <input checked="" type="checkbox"/> NA <input type="checkbox"/>	
Mechanical Integrity Test	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
	Date _____	Type _____

Comments: Top of cement 3900' Bottom 5726'

Reviewed by: 

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. LEASE DESIGNATION AND SERIAL NO.
U-02148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash Unit

8. FARM OR LEASE NAME
RWU

9. WELL NO.
22 (41-18C)

10. FIELD AND POOL, OR WILDCAT
Red Wash - Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR ARMA
S. 18, T7S, R24E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER Water Injection

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
NE, NE 695.5' FNL and 695.5' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,733' KB

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"/>	PCLL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) Recomplete <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

It is proposed to recomplete water injection well as follows:

- MIRU. Kill well. N/D tree. NU BOPE.
- Pull injection string.
- Clean out to PBDT at 5,655'.
- Perforate 5,420'- 30' (K_d) w/4 SPF.
- Selectively isolate, acidize, and swab zones as follows:
 - 5,420'-30' (K_d) with 1,000 gal. 15% HCL
 - 5,075'-5,083' (I_e) with 1,000 gal. 15 HCL
 - 4,870'-86' (H_f) with 1,000 gal. 15% HCL
- Install 3 pkr selective injection equipment.
- Displace annulus with corrosion inhibited packer fluid. Land tubing.
- ND BOPE. NU tree. Set packers.
- Pressure test annulus for UIC compliance.
- RDMO. Place well on injection.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
 DATE: 9/14/87
 BY: [Signature]
 3-BLM
 3-State
 2-Partners
 1-EEM
 1-MKD
 3-Drlg.
 1-File

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

SIGNED [Signature] TITLE Office Assistant DATE September 4, 1987
 (This space for Federal or State office use)

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

SEP 14 1987

*See Instructions on Reverse Side

DIVISION OF OIL
GAS AND MINING

RECEIVED
OCT 2 1987

Copied
10/21/87

Form 3160-5
November 1983
Formerly 9-331)

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER Water Injection

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
695.5' FNL, 695.5' FEL (NE, NE)

14. PERMIT NO. _____

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
5,733' KB

5. LEASE DESIGNATION AND SERIAL NO.
U-02148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME
RWU

9. WELL NO.
22 (41-18C)

10. FIELD AND POOL, OR WILDCAT
Red Wash - Green River

11. SEC., T., R., W., OR BLK. AND SURVEY OR AREA
S. 18, T7S, R24E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

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

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

RWU #22 was recompleted and returned to injection on October 12, 1987 as follows:

- MIRU B.C. #5 on October 5, 1987. Killed well. N/D tree. N/U BOPE.
- Pulled injection string. Cleaned out to 5,646'.
- Perforated 5,420'-30' (K_D) with 4 SPF.
- Acidized K_D perms with 1,000 gals. 15% HCL. Swabbed back.
- Acidized I_E perms at 5,075', 5,083' with 1,000 gals. 15% HCL. Swabbed back.
- Acidized H_F perms at 4,870'-86' with 1,000 gals. 15% HCL. Swabbed back.
- Ran in hole hydrotesting selective injection equipment. Displaced hole with corrosion inhibited packer fluids. Set 'FH' packers at 5,450', 5,004' and 4,796'.
- N/D BOPE. N/U and test tree. Pressure test annulus to 1,000 psi for UIC compliance.
- Release rig and return well to injection.

3 - BLM
3 - State
2 - Partners
1 - EEM
1 - MKD
3 - Drlg.
1 - PLM
1 - Sec. 724-C
1 - COS
1 - UIC
1 - File

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

SIGNED J. Watson TITLE Office Assistant DATE October 15, 1987

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other *w/w*

2. Name of Operator
 CHEVRON U.S.A. 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)
 69⁵/₈ FNL, 69⁵/₈ FEL, SEC. 18, T7S, R24E

5. Lease Designation and Serial No.
 U - 02148

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
 RED WASH

8. Well Name and No.
 22 (41-18C)

9. API Well No.
 43-047-16483

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 STATUS
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

THIS 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 15 1992
 DIVISION OF
 OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct
 Signed *J.P. Wilton* Title PERMIT SPECIALIST Date 4/6/92

(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

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Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U-02148

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #22 (41-18C)

9. API Well No.
43-047-16483

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

11. County or Parish, State
Uintah, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

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

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

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

69⁵/₅ FNL, 69⁵/₅ NE/NE-S18-T7S-R24E

RECEIVED

SEP 30 1992

**DIVISION OF
OIL GAS & MINING**

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 checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input checked="" 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 propose to convert this shut-in water injector to a flowing gas well as follows:

1. Pull injection equipment and clean out well to +/-4800'.
2. Set CIBP at +/-4800' and dump 2 sx. cement on top. Conduct mechanical integrity test per EPA guidelines.
3. Run GR-CCL log.
4. Run packer on tubing and set packer at +/-4500'. Perforate the following zones through tubing: 4744-4752' (H), 4686-4698' (Gq), 4540-4554' (Gb/Gc) and 4522-4534' (G/Ga).
5. Flow-test well. Produce if economic. Otherwise, temporarily abandon and evaluate for permanent abandonment.

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

9/30/92

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

Signed Steven D. McPherson Title Petroleum Engineer Date 9/21/92

(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 ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

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

OCT 28 1992

RECEIVED

NOV 02 1992

DIVISION OF
OIL GAS & MINING

Ref: 8WM-DW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. J. T. Conley
Area Operations Supervisor
Chevron U.S.A. Inc.
P.O. Box 455
Vernal, Utah 840748

RE: Request to Convert Red Wash Unit
Water Injectors to Gas Producers:
a) RWU #22 (41-18C) UTO2427,
b) RWU #196 (13-17C) UTO2413,
Uintah County, Utah

Dear Mr. Conley:

Your September 21, 1992 request to convert the above-cited Red Wash Unit injectors to gas production status, together with your enclosed supporting documents have been reviewed. Your procedure for the proposed plug-back (from the current injection intervals), for the mechanical integrity pressure testing of the plugged-back wells, and for the recompletion of these two injection wells to gas producers is considered adequate to justify your request.

Be advised that your request and proposed procedures for conversion of these two injection wells to gas production status is hereby approved with the following provisions:

- 1) A documented, satisfactory, forty-five (45) minute Mechanical Integrity Test (MIT) is conducted on the plugged back portion of the well at a pressure of at least 500 psi [with no-greater-than ten (10) percent pressure loss]; and
- 2) A copy of six (6) months gas production records (as submitted to the State of Utah) is submitted to EPA for each plugged back well.

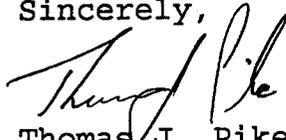
Mr. J. T. Conley
Area Operations Supervisor
Chevron U.S.A. Inc.
Page Two

Copies of the EPA Mechanical Integrity Test (MIT) forms are enclosed for your use. You are also requested to notify EPA at least two (2) weeks prior to your planned MIT so that we may have the opportunity to witness these tests.

You are further advised that EPA will not remove these wells from the UIC inventory until both items 1 and 2 (above) have been satisfied.

Please direct any questions and/or correspondence concerning this action to the attention of Gustav Stolz at Mail Code 8WM-DW, or you may telephone him at (303) 293-1416.

Sincerely,



Thomas J. Pike, Chief
UIC Implementation Section

Enclosures

cc: State of Utah, Division of Oil, Gas and Mining
Bureau Of Land Management, Vernal, UT
BIA, Ft. Duchesne, UT
Ute Tribe, Ft. Duchesne, UT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-02148

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #22 (41-18C)

9. API Well No.
43-047-16483

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

11. County or Parish, State
Uintah, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
Well Well Other

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)
69~~4~~ FNL, 69~~4~~ FEL, SEC. 18, T7S, R24E
695' 695'

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

Chana Baugh

Title

Oper. Assistant

Date

02/09/93

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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U-02148

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #22 (41-18C)

9. API Well No.
43-047-16483

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

11. County or Parish, State
Uintah, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
Well Well Other

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

3. Address and Telephone No.
P.O. Box 455, Vernal, Utah 84078 (801) 789-2442 JUL 12 1993

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
696' FNL, 696' FEL, SEC. 18-T7S-R24E

DIVISION OF
OIL GAS & MINING

RECEIVED

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

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

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The recompletion work on the subject shut-in water injector was completed and converted to a gas producer between 05/24/93 and 06/01/93 ✓

1. Attempted to release 3-packer; unsuccessful. Cut tubing at 4794' with 2 1/8" jet cutter.
2. Set CIBP at 4792'. Dump bail 2' cement on CIBP. Tested casing from 4790' to 500 PSI; good.
3. Set packer at 4416'.
4. Perforated through tubing with 2 JSPF at 4744-4762' (H/HA).
5. Set CIBP at 4725'.
6. Perforated through tubing with 2 JSPF at 4686-4696' (Gg), 4560-4568' (Gd), 4540-4554' (Gh/Gc), 4522-4534' (G/Ga).
7. Swab/flow test well.
8. Return well to production.

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

Signed

Shana Hough

Title

Oper Assistant

Date

06/17/93

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:

*Tax credit
10/29/93*

ENTITY ACTION FORM - FORM 6

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
<input checked="" type="checkbox"/> C	99996	05670	43-047-16483	RWU 22 (41-18C)	NENE	18	7S	24E	UINTAH	1-26-53	6-1-93
WELL 1 COMMENTS: *CONVERTED FR WIW TO PGW EFF 6-1-93. (RED WASH UNIT/BASAL GREEN RIVER P.A.)											
C	99996	05670	43-047-15298	RWU 196 (23-17C)	NESW	17	7S	24E	UINTAH	5-15-64	5-14-93
WELL 2 COMMENTS: *CONVERTED FR WIW TO PGW EFF 5-14-93. (RED WASH UNIT/BASAL GREEN RIVER P.A.)											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

L. CORDOVA (DOGM)
Signature
ADMIN. ANALYST Title 8-3-93 Date
Phone No. () _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-02148

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #22 (41-18C)

9. API Well No.
43-047-16483

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

11. County or Parish, State
Uintah, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
Well Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
696' FNL, 696' FEL, SEC. 18, T7S, R24E

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

TYPE OF SUBMISSION	TYPE OF ACTION
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	<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 propose to P&A the subject well per the attached procedure.

RECEIVED

AUG 02 1993

RECEIVED BY THE DIVISION OF
OIL, GAS, AND MINING

DIVISION OF
OIL GAS & MINING

DATE: 8-3-93
BY: [Signature]

14. I hereby certify that the foregoing is true and correct.
Signed: [Signature] Title: Oper. Assistant Date: 07/30/93

(This space for Federal or State office use)

Approved by: Federal Approval of [Signature] Title: _____ Date: _____
Conditions of approval, if any: Action is Necessary

**RED WASH UNIT
UINTAH COUNTY, UTAH**

**RED WASH UNIT #22 (41-18C)
PLUGGING PROCEDURE**

1. MIRU. ND WH AND NU SOPE.
2. TOH WITH KILL STRING.
3. SET CIBP AT 4400' AND DUMP BAIL 35' OF CLASS H CEMENT ON TOP. DISPLACE WELLBORE WITH 9.2 PPG BRINE TO -2800'.
4. NOTE - OIL SHALE INTERVAL WHICH BLM NORMALLY REQUIRES TO BE COVERED DOES NOT APPEAR TO EXIST AT THIS LOCATION. CAP TOP OF THE GREEN RIVER FORMATION (2896') FOR NEXT PLUG. PERFORATE AT 2996'; SET CICR AT 2896'; SQUEEZE -55 SX. CLASS H CEMENT THROUGH CICR; SPOT -25 SX. CLASS H CEMENT ON TOP OF CICR; AND CIRCULATE CLEAN. DISPLACE WELLBORE WITH 9.2 PPG BRINE.
5. PERFORATE AT 300' AND ESTABLISH CIRCULATION DOWN 7" CASING AND UP 7" X 9-5/8" ANNULUS. CEMENT CASING AND ANNULUS FROM 300' TO SURFACE USING -130 SX. CLASS H CEMENT.
6. CUT OFF WELLHEAD AND INSTALL DRY HOLE MARKER.
7. NOTIFY OPERATIONS TO REHABILITATE LOCATION PER BLM GUIDELINES.



PLUGGING AND ABANDONMENT PLAN

NAME AND ADDRESS OF FACILITY
 RED WASH UNIT
 PO BOX 455
 VERNAL UT 84078

NAME AND ADDRESS OF OWNER/OPERATOR
 CHEVRON USA PRODUCTION CO
 PO BOX 455
 VERNAL UT 84078

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES

STATE COUNTY
 UT UINTAH

PERMIT NUMBER
 UT02427

SURFACE LOCATION DESCRIPTION

NE 1/4 OF NE 1/4 OF SECTION 18 TOWNSHIP 7S RANGE 24E

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

Surface Location 696 ft. from (N/S) N line of quarter section
 and 696 ft. from (E/W) E line of quarter section

TYPE OF AUTHORIZATION

- Individual Permit
- Area Permit
- Rul.

Number of Wells 1

WELL ACTIVITY

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

Lease Name RED WASH UNIT

Well Number #22(41-18C)

CASING AND TUBING RECORD AFTER PLUGGING

METHOD OF EMPLACEMENT OF CEMENT PLUGS

SIZE	WT/LB. FT.	TO BE PLUG IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
9 5/8"	36	N/A	536	13 3/4"
7"	23	N/A	5726	8 3/4"

- The Balance Method
- The Dump Bailer 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)	7	7	7				
Depth to Bottom of Tubing or Drill Pipe (ft.)	4400	2996	300				
Sacks of Cement To Be Used (each sack)	7.3	72	130				
Slurry Volume To Be Pumped (cu. ft.)	7.7	75	138				
Calculated Top of Plug (ft.)	4365	2796	SURF				
Measured Top of Plug (tagged ft.)							
Slurry Wt. (Lb./Gal.)	16.4	16.4	16.4				
Type Cement or Other Material (Class III)	H	H	H				

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (If any)

From	To	From	To
SEE ATTACHED SCHEMATIC.			

Estimated Cost to Plug Wells

\$25000

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print)
 J.T. CONLEY
 RED WASH AREA TEAM LEADER

SIGNATURE
J.T. Conley

DATE SIGNED
 7-13-93



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

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

SEP 3 1993

RECEIVED
SEP 09 1993

Ref: 8WM-DW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

DIVISION OF
OIL, GAS & MINING

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

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

Dear Mr. Conley:

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

<u>RED WASH FIELD</u>	<u>EPA PERMIT NO.</u>
RWU #98 (21-22A)	UT2000-02359
RWU #22 (41-18C)	UT2000-02427 T. 7S, R. 24E, S-18 16483
RWU #105 (32-29A)	UT2000-02431
RWU #117 (14-21A)	UT2000-02432
RWU #146 (12-21A)	UT2000-02436

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

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

Sincerely,

Max H. Dodson, Director
Water Management Division

Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
696' FNL, 696' FEL, SEC. 18, T7S/R24E

5. Lease Designation and Serial No.
U-02148

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #22 (41-18C)

9. API Well No.
43-047-16483

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

11. County or Parish, State
UINTAH, UTAH

RECEIVED
DEC 25 1993
DIVISION OF
OIL, GAS & MINING

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

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

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

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

Subject well was P&A'd between 12/07/93 and 12/08/93 as follows:

1. Displaced hole with 9.2 brine from 4410' to 2800'.
2. ND wellhead and NU BOPE.
3. Set CIBP at 4395' and dump bailed 35' Class H cement on top. Perforated 3001' and 589' with 4 JSPF.
4. RIH with CICR to 2887' and attempted to set. Set CIBP at 2857'. Broke down perf at 3001'.
5. Cement perfs at 3001' with 85 sacks (244') of Class H cement. TOC at 2757'. Circulated hole clean with 9.2 brine.
6. Established circulation down casing and up annulus. Perf at 589'. Pumped 250 sacks Class H cement to surface. Hole stood full of cement.
7. Cut off wellhead, installed P&A marker and notified Operations to reclaim location.

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

14. I hereby certify that the foregoing is true and correct.
 Signed Chana Rough Title Operations Assistant Date 12/20/93

(This space for Federal or State office use)

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
696' FNL, 696' FEL, SEC. 18, T7S/R24E

5. Lease Designation and Serial No.
U-02148

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #22 (41-18C)

9. API Well No.
43-047-16483

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

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

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

We request approval to use compost from our Central Battery compost facility so supplement existing soils prior to seeding. Compost will have a TPH of less than 1%.

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

14. I hereby certify that the foregoing is true and correct.
Signed Shane Hough Title Operations Assistant Date 08/23/94

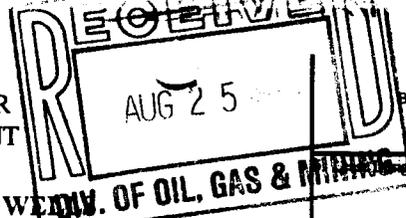
(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any _____

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



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

Designation and Serial No.
U-02148

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #22 (41-18C)

9. API Well No.
43-047-16483

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

11. County or Parish, State
UINTAH, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
696' FNL, 696' FEL, SEC. 18, T7S/R24E

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 _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

**We request approval to use compost from our Central Battery compost facility so supplement existing soils prior to seeding.
Compost will have a TPH of less than 1%.**

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

14. I hereby certify that the foregoing is true and correct.
Signed: Starka Hough Title: Operations Assistant Date: 08/23/94

(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

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

RECEIVED

NOV 03 1995

U-02148

DIV. OF OIL, GAS & MINING

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 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) 781-4302

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
696' FNL, 696' FEL, SEC. 18, T7S/R24E

5. Lease Designation and Serial No.
U-02148

6. Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #22 (41-18C)

9. API Well No.
43-047-16483

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

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

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

Subject wellsite was reclaimed per BLM specifications on October 26, 1994.

14. I hereby certify that the foregoing is true and correct.
Signed *Diane Rough* Title Field Compliance Specialist Date 11/1/95

(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

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

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

SUBMIT IN TRIPLICATE

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

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

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

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

5. Lease Designation and Serial No.

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

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

8. Well Name and No.

9. API Well No.

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

11. County or Parish, State
UINTAH, UTAH

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

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

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

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

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

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

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

Shenandoah Energy Inc.
By: 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 _____

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

RECEIVED

FEB 07 2000

DIVISION OF
OIL, GAS AND MINING

IN REPLY REFER TO
UT-931

February 4, 2000

Shenandoah Energy Inc.
Attn: Rae Cusimano
475 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)

[REDACTED]
Minerals Adjudication Group U-932
File - Red Wash Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:2/4/00

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
UTU081	4304715293	191 (12-27B)	RED WAS	NENW	14 T	7S	R23E P+A	CHEVRON U S A INCORPORATED
UTU0570	4304715294	192 (41-33A)	RED WAS	NENE	33 T	7S	R22E POW	CHEVRON U S A INCORPORATED
UTU082	4304715295	193 (43-24B)	RED WAS	NESE	24 T	7S	R23E PGW	CHEVRON U S A INCORPORATED
UTU081	4304715296	194 (12-14B)	RED WAS	SNNW	14 T	7S	R23E POW	CHEVRON U S A INCORPORATED
UTU02148	4304715297	195 (43-18C)	RED WAS	NESE	18 T	7S	R24E ABD	CHEVRON U S A INCORPORATED
UTU02148	4304715298	196 (23-17C)	RED WAS	NESW	17 T	7S	R24E PGW	CHEVRON U S A INCORPORATED
UTU080	4304715299	197 (43-21C)	RED WAS	NESE	21 T	7S	R24E ABD	CHEVRON U S A INCORPORATED
UTU02060	4304715300	198 (21-33B)	RED WAS	NENW	33 T	7S	R23E ABD	CHEVRON U S A INCORPORATED
UTU0559	4304715301	199 (43-22A)	RED WAS	NESE	22 T	7S	R22E WIW	CHEVRON U S A INCORPORATED
UTU082	4304716472	2 (14-24B)	RED WASH	SWSW	24 T	7S	R23E WIW	CHEVRON U S A INCORPORATED
UTU02025	4304715149	20 (41-29B)	RED WASH	NENE	29 T	7S	R23E P+A	CHEVRON U S A INCORPORATED
UTSL071965	4304715302	201 (32-28C)	RED WAS	SWNE	28 T	7S	R24E PGW	CHEVRON U S A INCORPORATED
UTU0558	4304715303	202 (21-34A)	RED WAS	NENW	34 T	7S	R22E WIWSI	CHEVRON U S A INCORPORATED
UTU093	4304715304	203 (32-26C)	RED WAS	SWNE	26 T	7S	R24E P+A	CHEVRON U S A INCORPORATED
UTU0561	4304715305	204 (23-25A)	RED WAS	NESW	25 T	7S	R22E POW	CHEVRON U S A INCORPORATED
UTU080	4304715306	205 (23-21C)	RED WAS	NESW	21 T	7S	R24E PGW	CHEVRON U S A INCORPORATED
UTU093	4304715307	206 (32-23C)	RED WAS	SWNE	23 T	7S	R24E P+A	CHEVRON U S A INCORPORATED
UTSL066791	4304715308	208 (32-22C)	RED WAS	SWNE	22 T	7S	R24E ABD	CHEVRON U S A INCORPORATED
UTSL071963	4304715309	209 (32-34C)	RED WAS	SWNE	34 T	7S	R24E P+A	CHEVRON U S A INCORPORATED
UTU081	4304715150	21 (32-14B)	RED WASH	SWNE	14 T	7S	R23E POW	CHEVRON U S A INCORPORATED
UTU0826	4304720014	212 (41-8F)	RED WASH	NENE	8 T	8S	R24E PGW	CHEVRON U S A INCORPORATED
UTU02060	4304720060	213 (41-33B)	RED WAS	NENE	33 T	7S	R23E WIWSI	CHEVRON U S A INCORPORATED
UTSL071965	4304720136	214 (14-27C)	RED WAS	SWSW	27 T	7S	R24E ABD	CHEVRON U S A INCORPORATED
UTU0558	4304730058	215 (43-28A)	RED WAS	NESE	28 T	7S	R22E WIW	CHEVRON U S A INCORPORATED
UTU0558	4304730103	216 (21-27A)	RED WAS	NENW	27 T	7S	R22E WIW	CHEVRON U S A INCORPORATED
UTU0558	4304730106	218 (12-34A)	RED WAS	SNNW	34 T	7S	R22E ABD	CHEVRON U S A INCORPORATED
UTU080	4304730149	219 (44-21C)	RED WAS	SESE	21 T	7S	R24E PGW	CHEVRON U S A INCORPORATED
UTU02148	4304716483	22 (41-18C)	RED WASH	NENE	18 T	7S	R24E P+A	CHEVRON U S A INCORPORATED
UTU082	4304730192	220 (22-23B)	RED WAS	SESW	23 T	7S	R23E TA	CHEVRON U S A INCORPORATED
UTU0933	4304730199	221 (13-27B)	RED WAS	NWSW	27 T	7S	R23E TA	CHEVRON U S A INCORPORATED
UTU0566	4304730200	222 (31-27B)	RED WAS	NWNE	27 T	7S	R23E TA	CHEVRON U S A INCORPORATED
UTU0559	4304730201	223 (44-21A)	RED WAS	SESE	21 T	7S	R22E P+A	CHEVRON U S A INCORPORATED
UTU081	4304730202	224 (44-22B)	RED WAS	SESE	22 T	7S	R23E TA	CHEVRON U S A INCORPORATED
UTU082	4304730212	225 (13-23B)	RED WAS	NWSW	23 T	7S	R23E TA	CHEVRON U S A INCORPORATED
UTU082	4304730249	226 (24-33B)	RED WAS	SESW	23 T	7S	R23E POW	CHEVRON U S A INCORPORATED
UTU0566	4304730257	227 (14-26B)	RED WAS	SWSW	26 T	7S	R23E TA	CHEVRON U S A INCORPORATED
UTU02025	4304730258	228 (21-34B)	RED WAS	NENW	34 T	7S	R23E POW	CHEVRON U S A INCORPORATED
UTU0566	4304730259	229 (43-26B)	RED WAS	NESE	26 T	7S	R23E TA	CHEVRON U S A INCORPORATED
UTU082	4304715151	23 (21-23B)	RED WASH	NENW	23 T	7S	R23E WIW	CHEVRON U S A INCORPORATED
UTU02148	4304730309	230 (14-18C)	RED WAS	SWSW	18 T	7S	R24E TA	CHEVRON U S A INCORPORATED
UTU0566	4304730310	231 (21-35B)	RED WAS	NENW	35 T	7S	R23E TA	CHEVRON U S A INCORPORATED
UTU0566	4304730311	232 (12-26B)	RED WAS	SNNW	26 T	7S	R23E TA	CHEVRON U S A INCORPORATED
UTU0823	4304730312	233 (12-25B)	RED WAS	SNNW	25 T	7S	R23E TA	CHEVRON U S A INCORPORATED
UTU082	4304730313	234 (32-24B)	RED WAS	SWNE	24 T	7S	R23E POW	CHEVRON U S A INCORPORATED
UTU02148	4304730314	235 (34-18C)	RED WAS	SWSE	18 T	7S	R24E POW	CHEVRON U S A INCORPORATED
UTU02149	4304730340	236 (21-19C)	RED WAS	NENW	19 T	7S	R24E PGW	CHEVRON U S A INCORPORATED
UTU0823	4304730341	237 (14-25B)	RED WAS	SWSW	25 T	7S	R23E POW	CHEVRON U S A INCORPORATED
UTU0566	4304730342	238 (32-35B)	RED WAS	SWNE	35 T	7S	R23E POW	CHEVRON U S A INCORPORATED
UTU0566	4304730343	239 (41-35B)	RED WAS	NENE	35 T	7S	R23E TA	CHEVRON U S A INCORPORATED

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS ✓
2. CDW ✓		580 ✓
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 N4235

CA No.

Unit: RED WASH

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
RWU 223 (44-21A)	43-047-30201	5670	21-07S-22E	FEDERAL	GW	PA
RWU 204 (23-25A)	43-047-15305	5670	25-07S-22E	FEDERAL	OW	P
RWU 218 (12-34A)	43-047-30106	5670	34-07S-22E	FEDERAL	GW	PA
RWU 222 (31-27B)	43-047-30200	5670	27-07S-23E	FEDERAL	GW	S
RWU 21 (32-14B)	43-047-15150	5670	14-07S-23E	FEDERAL	OW	P
RWU 224 (44-22B)	43-047-30202	5670	22-07S-23E	FEDERAL	GW	S
RWU 220 (22-23B)	43-047-30192	5670	23-07S-23E	FEDERAL	OW	TA
RWU 225 (13-23B)	43-047-30212	5670	23-07S-23E	FEDERAL	GW	S
RWU 226 (24-33B)	43-047-30249	5670	23-07S-23E	FEDERAL	GW	TA
RWU 227 (14-26B)	43-047-30257	5670	26-07S-23E	FEDERAL	OW	TA
RWU 221 (13-27B)	43-047-30199	5670	27-07S-23E	FEDERAL	OW	TA
RWU 228 (21-34B)	43-047-30258	5670	34-07S-23E	FEDERAL	OW	P
RWU 22 (41-18C)	43-047-16483	5670	18-07S-24E	FEDERAL	OW	PA
RWU 205 (23-21C)	43-047-15306	5670	21-07S-24E	FEDERAL	GW	S
RWU 219 (44-21C)	43-047-30149	5670	21-07S-24E	FEDERAL	GW	P
RWU 208 (32-22C)	43-047-15308	5670	22-07S-24E	FEDERAL	OW	PA
RWU 206 (32-23C)	43-047-15307	5670	23-07S-24E	FEDERAL	GW	PA
RWU 203 (32-26C)	43-047-15304	5670	26-07S-24E	FEDERAL	GW	PA
RWU 214 (14-27C)	43-047-20136	5670	27-07S-24E	FEDERAL	GW	PA
RWU 201 (32-28C)	43-047-15302	5670	28-07S-24E	FEDERAL	GW	P
RWU 209 (32-34C)	43-047-15309	5670	34-07S-24E	FEDERAL	GW	PA
RWU 212 (41-8F)	43-047-20014	5670	08-08S-24E	FEDERAL	GW	P

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
- 4. Is the new operator registered in the State of Utah: YES Business Number: 224885
- 5. If **NO**, the operator was contacted on: _____
- 6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000
- 7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000
- 8. **Federal and Indian Communitization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
- 9. **Underground Injection Control ("UIC") Pro;** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- 1. Changes entered in the **Oil and Gas Database** on: 09/19/2000
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 09/19/2000
- 3. Bond information entered in RBDMS on: N/A
- 4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

- 1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

- 1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
- 2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
- 3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

- 1. All attachments to this form have been **MICROFILMED** on: 3-2-01

FILING:

- 1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

