

FILE NOTATIONS

Entered in NID File
Entered On S R Sheet
Location Map Pinned
Card Indexed
I W R for State or Fee Land

Checked by Chief PWB
Copy NID to Field Office
Approval Letter Am Unit
Disapproval Letter

COMPLETION DATA:

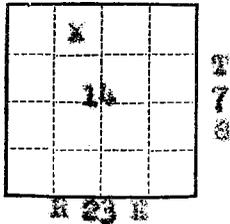
Date Well Completed 4-22-63 Location Inspected _____
OW WW _____ TA _____
Bond released _____
GW _____ OS _____ PA _____ State of Fee Land _____

LOGS FILED

Driller's Log 8-15-63
Electric Logs (No.) 4
E _____ I _____ E-I GR GR-N _____ Micro
Lat _____ M-L _____ Sonic _____ Other Am Unit bond

① Production Logging Well Data & Results

Copy H. L. C.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-011

Unit Red Wash

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 March 1, 1963

Well No. (21-148) 191 is located 693 ft. from [N] line and 1942 ft. from [EW] line of sec. 14

SW NE 1/4 SW 1/4 14 78 23E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Red Wash Utah Utah
(Field) (County or Subdivision) (State or Territory)

Kelly Rushing

The elevation of the ~~formation~~ above sea level is 5339 ft.

DETAILS OF WORK

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

It is proposed to drill a test well for oil or gas to be completed in the lower Green River formation.
10-3/4" casing to be cemented at ± 220'.
7" casing to be cemented below lowest productive interval with sufficient cement to reach 4000'.

- Tops: Green River - 2730'
- "A" Point - 4650'
- "K" Point - 5175'

Subject well to be drilled as part of the 1963 Plan of Development

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

By R. W. PATTERSON

Title Field Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5
Salt Lake City
LAND OFFICE _____
LEASE NUMBER _____
UNIT **Red Wash**

Page Three

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Red Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1963,

Agent's address P. O. Box 455 Company California Oil Co., Western Div.
Vernal, Utah Signed R. W. PATTERSON

Phone 789-2442 Agent's title Field Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE NW 14	7S	23E	191	(21-14B)						
			<p><u>Present Conditions</u> Depth: <u>5368'</u> PSTD: <u>5332'</u> Casing: <u>10-3/4", 40.5#, J-55 cmtd at 238' with 170 sacks.</u> <u>7", 23#, J-55 cmtd at 5368' with 400 sacks.</u></p> <p><u>Operations Conducted</u> Moved Signal Drilling & Exploration Inc and spudded March 8, 1963 at 2:00 A.M. Drilled 15" hole to 245'. Cemented 10-3/4" casing at 238' with 170 sacks regular cement. Drilled 9" hole to 5368'. Ran Schlumberger IES and Micro-Caliper logs. DST #1 (5220-5242) 60 min test. GTS in 3 min. (78.1 MCF/GPD on orifice well test using 1/2" choke - decreasing to 18.5 MCF after 28 min and 6.93 MCF after 55 min). Recovered 1490' oil. Pressures: IH 2652, ISI 2042, IFP 138, FFP 403, FSI 1967, FHP 2652. DST #2 (4689-4711) 60 min test. NGTS. Recovered 495' oil, 174' water. Pressures: IH 2505, ISI 1843, IFP 232, FFP 275, FSI 1555, FHP 2505. DST #3 (4480-4502) 30 min. GTS at final rate of 5.9 MCF/GPD. Recovered 174' oil, 60' mud filtrate. Pressures: IH 2385, ISI 1745, IFP 495, FFP 850, FSI 1745, FHP 2385. Cemented in place 7" casing at 5368' with 400 sacks regular cement. Released rig March 21, 1963.</p>							
SW NE 31	7S	24E	187	(32-31C)						
			<p><u>Present Conditions</u> Depth: <u>3366'</u> Casing: <u>8-5/8", 32#, J-55 cmtd at 222.36' with 230 sacks cement in 2 stages</u></p> <p><u>Operations Conducted</u> Moved in Signal Drilling & Exploration, Inc. Spudded at 1:15 P.M. 3-23-63. Drilled 12-1/4" hole to 226". Cemented in place 8-5/8" casing at 222.36' with 230 sacks regular cement and neat cement in 2 stages. Drilling 7-7/8" hole at 3366'.</p>							

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
Salt Lake City

LAND OFFICE _____
LEASE NUMBER _____ **Red Wash**
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Red Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1963,

Agent's address P. O. Box 455 Company California Oil Co., Western Div.
Vernal, Utah Signed R. W. PATTERSON
Phone 789-2442 Agent's title Field Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
										3 - 60° slots at 4704', spotted 150 gal MCA at 4704'. Sand-oil fraced slots at 4704' down casing with 12,000 gal BF #5/RC containing 12,000# 20-40 sand and .05#/gal Adomite. Avg rate 49 BPM at 2450 psi. Abrasijetted 3 - 60° horizontal slots at 4322'. Sand-oil fraced slots at 4322' down casing with 12,000 gal BF #5/RC containing 12,000# 20-40 sand and 0.05#/gal Adomite. Avg rate 44.8 BPM at 2650 psi. Ran production string. Ran rods, pump and hung well on.
SW NE 31	78	24E	187	(32-31C)						
										<p><u>Present Conditions</u> Depth: 5645' Casing: 8-5/8", 32#, J-55 cmtd at 222.36' with 230 sacks cmt in two stages.</p> <p><u>Operations Conducted</u> Drilled 7-7/8" hole to 5645'. Schlumberger ran IES, Micro-Caliper and Gamma Ray-Sonic logs. Ran DST #1 (4992-5009) 60 min test. NGTS. Recovered 3111' water. Pressures: IHH 2470, ISI 1924, IF 552, FF 1392, FSI 1817, FHH 2470. DST #2 (3895-3912) 60 min test. NGTS. Recovered 2381' water. Pressures: IHH 1945, ISI 1636, IF 265, FF 1023, FSI 1561, FHH 1945. DST #3 (3788-3805) 60 min test. NGTS. Recovered 3059' water. Pressures: IHH 1881, ISI 1508, IF 382, FF 1308, FSI 1476, FHH 1881. Plug as follows: (1) Laid 80 sack plug across interval 5050 to 4770'. (2) Laid 50 sack plug across interval 4300-4140. (3) Laid 80 sack plug across Basal F sands 4050-3770, (4) Laid 100 sack plug across Green River top from 2300-2100'. (5) Laid 100 sack plug 100' in and out of surface casing from 322 to 122'. (6) Laid 10 sack plug at surface with proper abandonment marker installed. Released rig 10:00 A.M. 4-11-63.</p>

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5
Salt Lake City
LAND OFFICE
LEASE NUMBER
UNIT Red Wash

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Red Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1963,

Agent's address P. O. Box 455 Company California Oil Co., Western Div.
Vernal, Utah

Signed R. W. PATTERSON

Phone 789-2442 Agent's title Field Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
DRILLING OPERATIONS										
SW SW 21	7S	23E	182 (14-21B)							
<u>Present Conditions</u>										
Depth: 5790' PSTD: 5745'										
Casing: 10-3/4", 40.5#, J-55 cmtd at 230' with 180 sacks. 7", 23#, J-55 cmtd at 5709', 5340' with 180 400 sacks.										
<u>Operations Conducted</u>										
None										
NE NW 14	7S	23E	191 (21-14B)							
<u>Present Conditions</u>										
Depth: 5368' PSTD: 5332'										
Casing: 10-3/4", 40.5#, J-55 cmtd at 238' with 170 sacks 7", 23#, J-55 cmtd at 5368' with 400 sacks										
<u>Operations Conducted</u>										
Moved in R&R rig to complete well. Ran Schlumberger CBL and GCL. Abrasi jetted 3 - 60° horizontal slots at 5235', spotted 150 gal MCA and broke down slots at 5235'. Sand-oil fraced slots at 5235' down casing with 12,000 gal BF #5/RC containing 12,000# 20-40 sand and .05#/gal Adomite. Avg rate 38.8 BPM at 2800 psi. Abrasi jetted 3 - 60° horizontal slots at 4987, 4971 and 4946'. Broke down slots at 4946' with 150 gal MCA. Abrasi jetted 3 - 60" slots at 4934', spotted 150 gal MCA. Sand-oil fraced slots at 4987, 4971, 4946 and 4934' down casing with 2 - 12,000 gal batches BF #5/RC containing 12,000# 20-40 sand and 0.05#/gal Adomite. Avg rate 46.5 BPM at 2400 psi. Abrasi jetted 3 - 60° horizontal slots at 4896, 4884 & 4875', broke down slots at 4884' with 150 gal MCA. Sand-oil fraced slots @ 4896, 4884 & 4875' down casing with 2 - 9,000 gal batches BF #5/RC, each containing 9,000# 20-40 sand & .05#/gal Adomite. Avg rate 53 BPM @ 2200 psi. Abrasi jetted										

NOTE.—There were 361,906 bbls runs or sales of oil; 364,374 M cu. ft. of gas sold; 414,535 gallons runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 USGS, SLC-2; OAGCC, SLC-1; GULF, Okla. City-1; Gulf, Casper-1; Caulkins-1; RLG-1; File-1
(January 1960)

HISTORY OF OIL OR GAS WELL

Signal Drilling & Exploration, Inc. moved in and rigged up. Spudded at 2:00 A.M. March 8, 1963. Drilled 15" hole to 245'. Set 10-3/4" casing at 238' with 170 sacks regular cement containing 2% CaCl₂. WOC 1 1/4 hrs.

March 9 - March 19, 1963

Drilled 9" hole to 5368'. Ran Schlumberger IES and Micro-Caliper logs. Ran DST #1 (5220-5242) 60 min test. GTS in 3 minutes, S.I. 30 mins. T.O. on 2nd flow with GTS immediately (78.1 MCFGPD on orifice well test using 1/2" choke - decreasing to 18.5 MCF after 28 mins and 6.93 MCF after 55 mins). (Used 1/4" choke on 28 min test, 1/8" choke on 55 min test). Recovered 1490' oil. Pressures: IH 2652, ISI 2042, IFP 138, FFP 403, FSI 1967, FHP 2652.

March 20, 1963

Ran DST's #2 and 3.

DST #2 (4689-4711) 60 minute test. NGTS. Recovered 495' oil and 174' water. Pressures: IH 2505, ISI 1843, IFP 232, FFP 275, FSI 1555, FHP 2505.

DST #3 (4480-4502) 30 minute test. GTS in 4 minutes. Estimated flow: 2 MMCFPD. Gauged 2nd flow test at 4.1 MMCFPD (and rising) after 8 minutes; 4.25 MMCFPD (and rising) after 9 minutes; 5.9 MMCFPD after 22 minutes. Recovered 174' oil and 60' mud filtrate (resistivity = 3.0 at 66° F). Pressures: IH 2385, ISI 1745, IFP 495, FFP 850, FSI 1745; FHP 2385.

March 21, 1963

Cemented in place 7" casing at 5368' with 400 sacks regular cement. Tagged float collar at 5331.8'. Released rig at midnight.

April 11, 1963

Moved in R&R rig to complete well. Ran Schlumberger CBL and GCL. Schlumberger effective depth = 5325'.

April 12, 1963

Abrasijetted 3 - 60° horizontal slots at 5235'. Spotted 150 gals MCA. Sand-oil fraced slots at 5235' down casing with 12,000 gal BF #5/RC containing 12,000# 20-40 sand and .05#/gal Adomite. Avg rate - 38.8 BPM at 2800 psi.

April 13, 1963

Abrasijetted 3 - 60° slots at 4987, 4971 and 4946', spotted 150 gal MCA at 4946'.

April 14, 1963

Shut down.

April 15, 1963

Abrasijetted 3 - 60° horizontal slots at 4934', spotted 150 gal MCA. Sand-oil fraced slots at 4987, 4971, 4946 and 4934' down casing with 24,000 gal batches BF #5/RC containing 24,000# 20-40 sand and .05#/gal Adomite. Avg rate = 46.5 BPM at 2400 psi. Abrasijetted 3 - 60° horizontal slots at 4896 and 4884', spotted 150 gal MCA at 4884'.

April 16, 1963

Abrasijetted 3 - 60° horizontal slots at 4875'. Sand-oil fraced slots at 4896, 4884, and 4875' down casing with 18,000 gal batches BF #5/RC, containing 18,000# 20-40 sand and .05#/gal Adomite. Avg rate = 53 BPM at 2200 psi. Abrasijetted 3 - 60° slots at 4704', spotted 150 gal MCA. Sand-oil fraced slots at 4704' down casing with 12,000 gal BF #5/RC containing 12,000# 20-40 sand and 0.05#/gal Adomite. Avg rate = 49 BPM at 2450 psi.

WELL NO. 191 (21-14B)

PROPERTY: Section 14B

RED WASH FIELD

April 17, 1963

Abrasijetted 3 - 60° horizontal slots at 4322', sand-oil fraced slots at 4322' down casing with 12,000 gal HF #5/RC containing 12,000# 20-40 sand and 0.05#/gal Adomite. Avg rate = 44.8 BFM at 2650 psi.

April 18, 1963

Ran production string

April 19, 1963

Ran rods, pump. Hung well on. Released rig.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	238'	170	Displace		
7"	5368'	400	Displace		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to 5368 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

~~May 11, 1963~~, 19____ Put to producing April 22, 1963
 The production for the first 24 hours was 250 barrels of fluid of which 99% was oil; _____%
 emulsion; 1% water; and _____% sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

L. R. Lorenzen _____, Driller H. Moore _____, Driller
C. R. Brandon _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2750	2750	Shale and Sand
2750	5368	2618	Sand and Shale
TGR	2750	(+2589)	
"G"	4335	(+1004)	
"H"	4594	(+745)	
"I"	4786	(+553)	
"J"	5084	(+255)	
"K"	5210	(+129)	

FOLD MARK

A.

Copy H. L. E.

*DMB
2*

	X	
	14	

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R 23 E

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-081
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	X	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

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

Vernal, Utah June 10, 19 63

Well No. (21-148) 191 is located 693 ft. from N line and 1942 ft. from W line of sec. 14
NE 1/4 NW 1/4 14 7S 23E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Red Wash Uintah Utah
(Field) (County or Subdivision) (State or Territory)

Kelly Bushing

The elevation of the ~~shrinkflange~~ above sea level is 5339 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. Locate zone of gas entry by testing with straddle packers.
2. Exclude zone by cement squeezing.
3. Return well to production.

Present Production: 286 BOPD, 3 MWPD, 2443 MCF/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, SEC-3; OAGCC, SEC-1; Gulf, Okla. City-1; Gulf, Casper-1; Conkins-1; Humble-1; HLG-1; Pile-1

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. U-081

Unit Red Wash

X		
	14	

2
7
8

R 23 E

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	X
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 July 26, 1963

Well No. (21-14B) 191 is located 693 ft. from [N] line and 1942 ft. from [W] line of sec. 14
NE 1/4 NW 1/4 14 7S 23E SLBM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Red Wash Uintah Utah
(Field) (County or Subdivision) (State or Territory)

Kelly Bushing

The elevation of the ~~surface~~ above sea level is 5339 ft.

DETAILS OF WORK

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

The following work was performed on the subject well to exclude gas entry.

1. Determined zone of gas entry as K slots 5235 by testing with straddle packers.
2. Excluded K slots by setting a CI BP at 5200'.
3. Returned well to production.

Production: Before - 286 BOPD, 3 BWPD, 2443 MCF/D
 After - 85 BOPD, 15 BWPD, 499 MCF/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

By

R. W. Patterson
R. W. PATTERSON

USGS, SLC-3; OROCC, SLC-1; Gulf, Okla. City-1; Gulf, Casper-1; Coulkins-1; Humble-1; HLG-1; File-1

Title Field Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE	U-081
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	Red Wash
9. WELL NO.	191 (21-14B)
10. FIELD OR WILDCAT NAME	Red Wash
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Sec. 14, T7S, R23E
12. COUNTY OR PARISH	Uintah
13. STATE	Utah
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD)	GL 5326.92'

1. oil well gas well other

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: 1942' FWL & 693' FNL NENW
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

- REQUEST FOR APPROVAL TO:
- TEST WATER SHUT-OFF
 - FRACTURE TREAT
 - SHOOT OR ACIDIZE
 - REPAIR WELL
 - PULL OR ALTER CASING
 - MULTIPLE COMPLETE
 - CHANGE ZONES
 - ABANDON*
- (other) Return to Production

SUBSEQUENT REPORT OF:

RECEIVED

DEC 13 1982

DIVISION OF
OIL, GAS & MINING

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

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

The K sand in RWU 191 (21-14B) was shut off to exclude gas entry; However, a substantial amount of oil production was also shut off. It is proposed to drill CIBP and return well to production.

See attached procedure

Well has been shut-in since 1972.

No additional surface disturbances required for this activity.

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

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 December 9, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RWU NO. 191 (21-14B)
RED WASH/MAIN AREA

Workover Procedures:

1. POOH w/ rods, pump, and tubing.
2. CO to 5300 (Present PB @ 5189).
3. ^{ISOLATE AND} Swab K sand @ 5235 for one day. Notify Denver w/ results. Break down w/ acid if necessary.
4. Repeat Step 3 for I_D, I_E sands @ 4934-87.
5. Repeat Step 3 for I_B, I_C sands @ 4875-96.
6. Repeat Step 3 for H_D sand @ 4704.
7. RIH w/ production string. Land pump below bottom perf and return well to production.

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

2. NAME OF OPERATOR

Chevron USA, 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: 1942' FWL & 693' FNL NENW

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) Return to Production	<input type="checkbox"/>	<input type="checkbox"/>

5. LEASE

U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Red Wash

9. WELL NO.

191(21-14B)

10. FIELD OR WILDCAT NAME

Red Wash

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

Sec. 14, T7S, R23E

12. COUNTY OR PARISH | 13. STATE

Uintah

Utah

14. API NO.

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

GL 5326.92

(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 K sand in RWU 191(21-14B) was shut off to exclude gas entry in 1972. A substantial amount of oil production was also shut off. The CIBD was Drld. out and the well was returned to production as follows:

- | | |
|--|------------|
| 1. MIRU, POOH W/PMP & RODS. | 3-MMS |
| 2. ND TREE, NU BOPE, POOH W/2-7/8" TBG. | 2-State |
| 3. RIH W/BIT & SCRPR. C/O TO PBTD @ 5187'. | 3-Partners |
| 4. DOC 5187-97' POOH W/BIT & SCRPR. | 1-Sec 723 |
| 5. RIH W/RBP & PKR. STRADDLE NOTCH @ 5235'. ATTMP TO SWB & TST NOTCH. | 1-JAH |
| 6. SWB & TST NOTCH. RESET RBP & PKR @ 5030. SWB & TST PERFS 4934-4987, 4896, 4884, 4875, 470 | 1-File |
| 7. PERFD 4670-4672 2 SPF. SWB & TSTD INTRVL. BRKDWN PERFS SPOTTED 500 GAL 15% HCl on PERFS SWBD PERFS. | |
| 8. PERFD 4488-92 W/2 SPF. SWBD PERFS. PERFD 4361-63 W/2 SPF SWBD PERFS. | |
| 9. RETURN WELL TO PRODUCTION. | |

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

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

SIGNED Erin Leonard TITLE Engineering Asst. DATE April 13, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

U-081
Well No. 191-(21-14B)
Uintah, Utah

- 2 -

April 13, 1983

Present Status:

	Bo Cumm	BW CUMM	MCFD CUMM
Date: 12/82	177475	838842	1057634

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 ~~drill proposals~~)

1. oil well gas well other

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: 1942' FWL & 693' FNL, NENW
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Red Wash

9. WELL NO.
191 (21-14B)

10. FIELD OR WILDCAT NAME
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 14, T7S, R23E

12. COUNTY OR PARISH Uintah 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
GL 5326.92

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)	<input type="checkbox"/>		<input type="checkbox"/>

RECEIVED

MAY 29 1984

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

**DIVISION OF OIL
GAS & MINING**

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

It is proposed to fracture stimulate perfs 4361-63.

- 3 - BLM
- 2 - State
- 3 - Partners
- 1 - S. 724C
- 1 - Field
- 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 May 23, 1984

(This space for Federal or State office use)

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

RWU NO. 191(21-14B)
RED WASH/MAIN AREA

LOCATION

NE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 14, T7S, R23E, SLB&M
Uintah County, Utah

DEPTH

TD: 5368'
PBD: 4440'

CASING DETAIL

Baker guide shoe	1.38
1 jt 7" 23# J-55 csg	33.29
Baker Flexiflo fillup collar	1.51
163 jts 7" 23# J-55 csg	5335.20
	Less 3.38
Landed	<u>5368.00</u>

TUBING DETAIL

KB	12.00
Stretch	1.00
1 jt 2-7/8"	31.73
2-7/8" tbg pup	10.00
134 jts 2-7/8"	4249.15
BAC	2.35
2 jts 2-7/8"	63.55
PSN	1.10
Slotted jt	31.20
	<u>4402.08</u>

ROD DETAIL

PR	30'
1-1" x 6' pony	
44-1" x 25' rods	
51-7/8" x 25' rods	
78-3/4" x 25' rods	
Pump # R-273	

RWU NO. 191(21-14B)
RED WASH/MAIN AREA

WORKOVER PROCEDURE

1. MIR & RU.
2. Hot oil well. POOH w/rods and pump. ND wellhead.
NU Chevron Class II-B BOPE and test same.
3. Release BAC and POOH w/production string.
4. RIH w/bit and 7" csg scraper and CO to PBTD @ 4440'. POOH w/bit
and scraper. *Pressure Test CIBP @ 4450 SDW*
5. PU & RIH w/pkr hydrotesting to 5000 psi. *▲* Set pkr @ 4340 and establish
injection rate into perfs 4361-63 and check for communication with notch
@ 4322. If communication exists, consult supervisor.
6. Pump fracture stimulation into perfs 4361-63 w/11,000 gal YF4G (or equiva-
lent) containing 15,000 lb 20/40 sand according to the attached treatment
schedule (maximum pressure 5000 psi). Shut well in to allow frac to
dissipate.
7. Release and POOH w/pkr.
8. RIH w/notched collar and CO sand. POOH w/notched collar.
9. RIH w/production string. ND BOPE & NU wellhead. RIH w/pump
and rods.
10. Pressure test tbg and pump and turn well over to Production.

JMB 5-14-84

RWU NO. 191(21-14B)
RED WASH/MAIN AREA

Fracture Stimulation Detail

Fracture treat perms 4361-63' down 2-7/8" tbg w/11,000 gal YF4G (or equivalent) carrying 15,000 lb 20/40 sand at 10 BPM (use lower rate if possible). Estimated HHP is 1100. Dowell nomenclature is used here.

Fluid System: YF4G - 3% KCL containing per 1000 gal:

40 # J111 gelling agent
1 gal F75 surfactant
1 gal U66 mutual solvent
2 gal L55 clay stabilizer
1.2 # L10 crosslinker
0.25 gal M76 bactericide
1 gal M38W Silica control agent
Breaker & activator as required

Scale Inhibitor: 1 drum Champion Chemicals T-55
mixed w/10 bbl 3% KCl.

Treatment Schedule

<u>Event</u>	<u>Volume</u>	<u>Fluid</u>	<u>Sand Conc.</u>	<u>Sand Type</u>	<u>Sand Wt.</u>
Prepad	500	3% KCl	-	-	-
SIS	475	1 drum T-55 w/ 10 bbl 3% KCl	-	-	-
Prepad	500	3%KCL	-	-	-
Pad	5,000	YF4G	2	-	-
SLF	1,500	YF4G	1	20/40	1,500
SLF	1,500	YF4G	2	20/40	3,000
SLF	1,500	YF4G	3	20/40	4,500
SLF	1,500	YF4G	4	20/ 0	6,000
Flush	±1,100	3% KCl	-	-	-

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

6. LEASE DESIGNATION AND SERIAL NO.

U-081

POW

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

080403

7. UNIT AGREEMENT NAME

Red Wash Unit

8. FARM OR LEASE NAME

RWU

9. WELL NO.

#191

10. FIELD AND POOL, OR WILDCAT

Red Wash

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

Sec. 14, T7S, R24E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
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/4 NW/4

14. PERMIT NO. 15. ELEVATIONS (Show whether DP, RT, GR, etc.)

43-047-15093

GR 5327'

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

NOTICE OF INTENTION TO:

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

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

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

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

It is proposed to perforate and fracture treat the Gh sand and selectively acidize the Ft and Ga sands and return the well to production.

- MIRU. N/D Wellhead. N/U. BOPE.
- Pull production equipment.
- Perforate the Gh (4428' - 4438').
- Fracture treat the Gh (4428'-4438').
- Acidize the Gb (4361'-4363') w/1000 gal 15% HCL.
- Acidize the Ft (notch at 4322') w/1000 gal 15% HCL.
- Run production equipment.
- N/D BOPE, N/U Wellhead.
- RDMO.

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

DATE: 8-3-87

BY: John R. Bay

3-BLM
3-State
1-EEM
3-Drlg
1-File

I, I hereby certify that the foregoing is true and correct

SIGNED

J. Watson

TITLE Office Assistant

DATE 7/27/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

AUG 3 1987

DIVISION OF OIL
GAS & MINING

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

U-081

POW

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

101318

7. UNIT AGREEMENT NAME

Red Wash Unit

8. FARM OR LEASE NAME

Red Wash Unit

9. WELL NO.

#191 (21-14B)

10. FIELD AND POOL, OR WILDCAT

Red Wash

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

Sec. 14, T7S, R24E

USE

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

1. OIL WELL GAS WELL OTHER

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

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

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

NE 1/4 NW 1/4

14. PERMIT NO.
43-047-15093

15. ELEVATIONS (Show whether DP, RT, OR, etc.)
5327' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well 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 #191 was perforated, acidized and fracture stimulated as follows:

- MIR 9-11-87. N/D wellhead, N/U BOPE.
- Pulled production equipment. Cleaned out to PBDT at 4450'.
- Perforated G_H (4428-38') at 4 SPF.
- Fracture stimulated G_H (4428-38') with 10,000# 20/40 and 7500# 12/20 sand.
- Acidized G_B (4361-63) and F_T (4322) each with 1000 gal 15% HCl.
- Scale inhibitor treated G_B (4361-63) and F_T (4322).
- Ran production equipment.
- Released rig 9-20-87 and turned well over to production.

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

OCT 7 1987

DIVISION OF OIL
FIELD OPERATIONS

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

SIGNED

J. Watson

TITLE Office Assistant

DATE 9/30/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

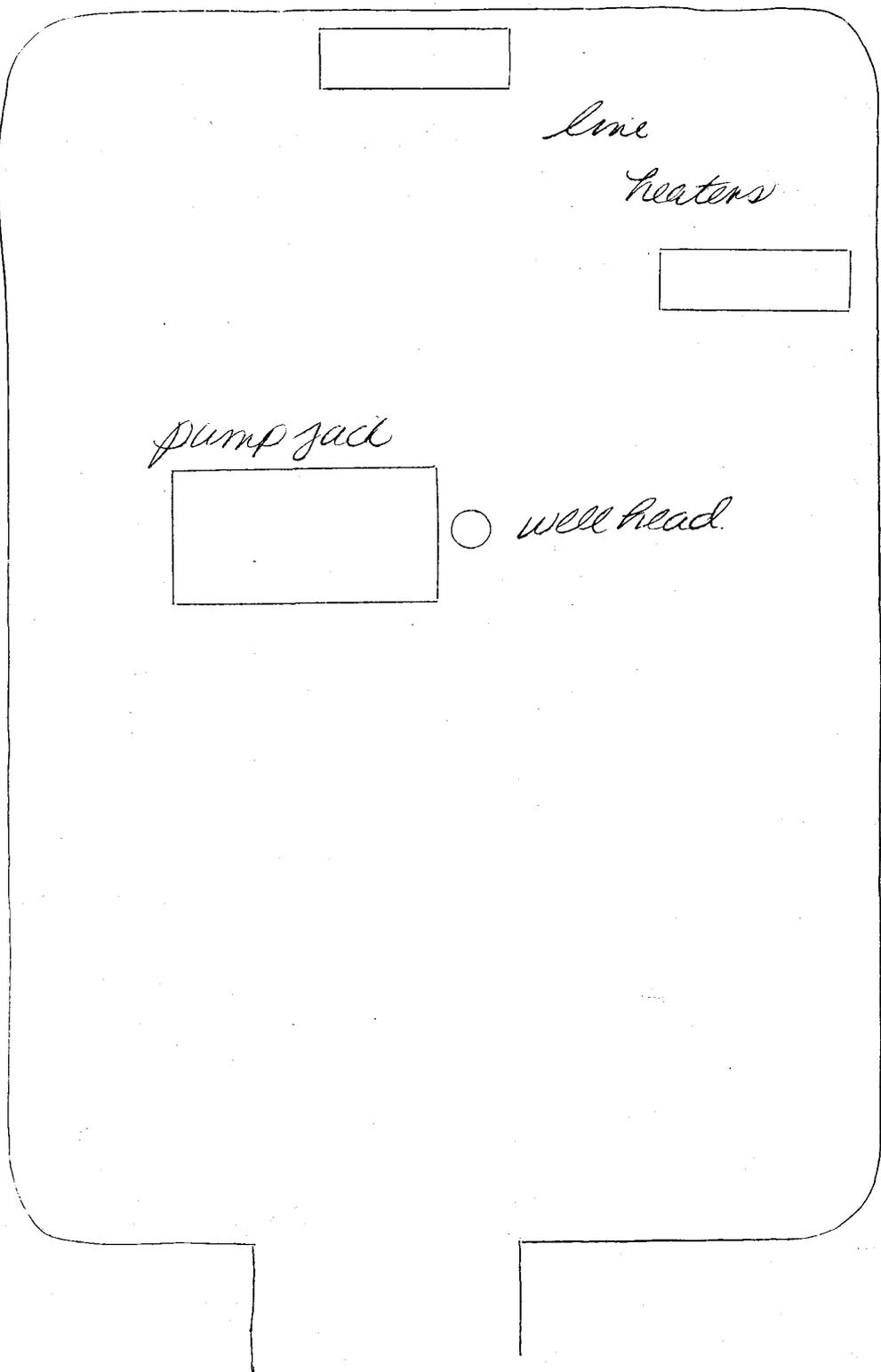
*See Instructions on Reverse Side

Rwu 191

21-14B

Sec 14, FSO, 23E

Hubly 9/28/88



42-381 50 SHEETS 5 SQUARE
42-382 100 SHEETS 5 SQUARE
42-389 200 SHEETS 5 SQUARE
MADE IN U.S.A.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED
APR 10 1990

DIVISION OF
OIL, GAS & MINING

5. Lease Designation and Serial No.

U-081

6. If Indian, Alliance or Tribe Name

7. If Unit or C.A. Agreement Designation

Red Wash Unit

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Chevron U.S.A. Inc., Room 13097

3. Address and Telephone No.

P. O. Box 599, Denver, CO 80201

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

693 FNL, 1942 FWL (NE $\frac{1}{4}$ NW $\frac{1}{4}$)
S14-T7S-R23E

8. Well Name and No.

191 (21-14B)

9. API Well No.

43-047-15293

10. Field and Pool, or Exploratory Area

Green River

11. County or Parish, State

Uintah, UT

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

Shoot or acidize

(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.)

Propose to add perfs and acidize RWU 191 as follows:

- MIRU. Pull rods & pump. N/D wellhead. N/U BOPE and test. Pull prod. tubing.
- Clean out to PBTD @ 4450' with bit & scraper.
- Perforate the G_D 4378-4383' @ 4 spf, 90° ph correlated to the Schl. IEL 3/19/63.
- RIH w/ RBP & PKR. Break down the G_D perfs to ensure open.
- Acidize G_H perfs 4428-38 w/ 400 gal 50/50 diesel/xylene and 500 gal 15% Fe acid. Swab back for FER and oil cut.
- Acidize G_D perfs 4378-83 w/ 500 gal 15% FE-acid. Swab back.
- Acidize G_B perfs 4361-63 w/400 gal 50/50 diesel/xylene and 500 gal 15% Fe acid. Swab back.
- Acidize F_t perfs 4322' w/400 gal 50/50 diesel/xylene and 500 gal 15% Fe acid. Swab back.
- Rerun producing tubing. N/D BOPD. N/U wellhead. Run rods & pump.
- RD MOL TWOTP.

OIL AND GAS	
DRN	RIF
JRB ✓	GLH
DTS	SLS

- 3-BLM
- 3-State
- 2-Partners
- 1-EEM
- 1-RBN
- 2-Dr1g
- 1-JLW

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

Signed [Signature]

Title Technical Assistant

Date 4/3/90

(This space for Federal or State office use)

2-TAS	Title
2-MICROFILM	
4-FILE	

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

DATE 4-27-90
BY [Signature]

Approved by _____
Federal approval of this action
is required before commencing
operations

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. Lease Designation and Serial No.

U-081

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

JUL 05 1990

7. If Unit or C.A. Agreement Designation

Red Wash Unit

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Chevron U.S.A. Inc., Room 13097

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)

693 FNL & 1,942' FWL NE 1/4 NW 1/4
Sec. 14, T7S, R23E

8. Well Name and No.

191 (21-14B)

9. API Well No.

43-047-15293

10. Field and Pool, or Exploratory Area

Red Wash-Green River

11. County or Parish, State

Uintah, UT

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

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

Shoot or acidize

(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.)

RWU #191 was worked over as follows:

1. MIRU Gudac WSU 5/25/90. ND WH eq. POOH w/rods. NU & tst. BOPE. POOH w/tbg. rods & pmp.
2. C/o w/bit & scraper to PBD @ 4,445.
3. Perf G_D 4,378'-4,383'. TIH w/tools. P-test csg. to 500 psi. Tst. tbg & tools to 2,000 psi.
4. Acid wash tbg. w/400 gals. 15% HCl.
5. Pump into perfs 4,378'-4,383'. Had comm. w/perfs 4,361'-4,363'(Gb). Reset tools.
6. Acidized perfs 4,428'-4,438' w/500 gals. 15% Fe acid. Swabbed back acid.
7. Acidized perfs 4,322', 4,361'-4,363' & 4,378'-4,383' w/1,500 gals. 15% Fe acid. Swabbed back load.
3-BLM 1-Sec. 724C
3-State 1-Sec. 724R
8. RIH w/prod. tbg. Set TAC. LND tbg.
2-Partners 1-JLW
9. TIH w/pump & rods. Spaced out rods.
1-EEM
1-RBN
2-Dr'g.
1-PLM
10. RD Gudac WSU 5/31/90. TWOTP.

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

Signed

J. B. Watson

Title Technical Assistant

Date 6/19/90

(This space for Federal or BLM office use)

Approved by

Conditions of approval, if any:

Title

Date

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. Inc.

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)
693' FNL, 1942' FWL (NE/NW)
Section 14, T7S-R23E

5. Lease Designation and Serial No.
U-081

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Red Wash

8. Well Name and No.
191 (21-14B)

9. API Well No.
43-047-15293

10. Field and Pool, or Exploratory Area
Red Wash

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>Shut In</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 9/1/91 the subject well is shut in.

RECEIVED
SEP 19 1991
DIVISION OF
OIL GAS & MINING

3-BLM
3-State
1-JRB
1-Well File
1-JLW
1-REK
1-Sec 724R
1-COS
2-Partners

14. I hereby certify that the foregoing is true and correct
Signed [Signature] Title Permit Specialist Date 9/13/91

(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 <input checked="" type="checkbox"/> Well Gas <input type="checkbox"/> Well <input type="checkbox"/> Other <input type="checkbox"/>	5. Lease Designation and Serial No. U-081
2. Name of Operator Chevron U.S.A. Inc.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 100 Chevron Road, Rangely, Colorado 81648 (303) 675-3700	7. If Unit or CA, Agreement Designation REDWASH UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 693' FNL & 1942' FWL, NE 1/4 NW 1/4 SEC. 14, T7S, R23E	8. Well Name and No. RWU # 191
	9. API Well No. 43-047-15293
	10. Field and Pool, or Exploratory Area REDWASH, UTAH
	11. County or Parish, State UINTAH, UTAH

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

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

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

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

IT IS PROPOSED TO PLUG & ABANDON THE ABOVE WELL AS FOLLOWS:

1. POOH W\ 2 7/8" TBG.
2. SET 7" CIRC @ +/- 4250', SQ PERFS 4322'-4438' W\ 100 SXS H CMT, TOP CIRC W\ +/- 3 BBLs.
3. DISPLACE 7" CSG W\ +/- 9.0 PPG MUD.
4. PERF 7" CSG @ 2750'-2748' & 240'-238'.
5. SET 7" CIRC @ +/- 2700', SQ PERFS 2748'-2750' W\ 100 SXS H CMT, TOP CIRC W\ +/- 3 BBLs.
6. BREAK CIRCULATION DOWN 7" CSG THRU PERFS 238'-240' AND OUT 10 3/4" X 7" ANNULUS.
7. CEMENT W\ 125 SXS OR SQUEEZE TO 500 PSI.
8. ND WELLHEAD, CUT CSG, AND INSTALL P & A MARKER.
9. RDMOL, NOTIFY PRODUCTION DEPT. TO RECLAIM LOCATION.

RECEIVED
OCT 02 1991
DIVISION OF OIL GAS & MINING
DATE 10/3/91
BY J. Matthews

14. I hereby certify that the foregoing is true and correct
Signed J.D. Howard Title Drilling Technologist Date 09-27-91

(This space for Federal or State office use)

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

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JOB LOG

Wardwell

FORM 1013R-2

CHART NO.	TIME	RATE (BPM)	MOTOR (RPM)	PLANNED	PRESSURE (PSI)		DESCRIPTION OF OPERATION AND DETAILS
					TUBING	CASING	
	08:25	3	0			400	St. Release w. 250 - 19
	08:54	3	91				End Release w. 250 - 19
	08:54	3	0				St. displacement
	08:58	3	12			350	End displacement From 250 to 288
							hand down tubing
							Act 288
							pick up Fall Base RT 25 FT
	10:50	2	0				St pump down Fall Base
	10:54	2	0				Hole Full
	10:54	1 1/2	0			500	Try to get circ up 40% surface
	11:06	2	18			500	End Pump down
							Act 238 at 512
	12:23	2	0			0	pick up Fall Base RT 25 FT
		2	0				St pump down Fall Base
	12:27	2	9			1000	Hole circ up 10% casing
	12:27						End pump
							Wipe down
							pick up Fall Base RT 25 FT
	13:13	1 1/2	0				St CMT 150 SK class
	13:24	1 1/2	24			100	End pump cmt
							cut off well head
							pump cmt down casing 1/2 200
							Run hole 1st etc
	14:05						Cmt to surface on 5 1/2 cwy
							Surface leg 238 to surface
							Release from job
							thanks Blanchard & crew.

JOB LOG

Cherton USA

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PRESSURE (PSI)	DESCRIPTION OF OPERATIONS AND MATERIALS	
					TUBING	CASING
Chart # 2			0	150	St pump	Down 5 1/2" Casing
			4	200	End pump	Down 5 1/2" Casing
						Come up 10 3/4" well
						Shut in 10 3/4" well on head
			0	850	St pump	5 1/2" Casing
			2	850	End pump	5 1/2" Casing
				850	hold	10 PSI 3 mins hold o/c
	14:53	2	0	100	St pump	Down 5 1/2" Casing
	14:53	2	0	100	End pump	Down 5 1/2" Casing
	14:59	2	12	1000		circ up 10 3/4" Casing
					Trip in with Full Bone pattern	
	16:11				Fast Down Casing 1000' Cum. up 10 3/4"	
				1000	Test Tubing 1000' hold o/c	
					Est Casing 500'	
Chart # 3					" "	250' All Cum.
					" "	125' up 10 3/4"
						60'
						30'
						15'
		16:50				" "
						Release For Day
	04:00					Call out 11-15-91
	06:30					on hoc with Truck & crew
						Set up for Job
						Sting Retainer 2630
						Prof 2748 2750
Chart # 4	07:58	1 1/2	0	1500	St Fresh Water	Broke @ 1500
	08:05	2	10	800	End Fresh Water	230M + 800
	08:08	2	0	1000	St CM + 100SK H. 2% 344Hcl	15% CFR-3
	08:13	3 1/2	19	450	End CM + mix	16.4 pp.g.
	08:13	3 1/2	0	450	St Displacement	
	08:14	3 1/2/30	3	450	Slow Rate to 3	
	08:16	1/2	9	450/300	Slow Rate to 2	
	08:17	2/1 1/2	11	300	Slow Rate to 1 1/2	
08:19	1 1/2	13 1/2	450	Sting out		
						lay down 35'
						St Reverse @ 2580 Ft

JOB LOG

WELL NO. 2811 CASE NO. 13058 PERM NO. 112
 COMPANY USIT

FORM 2013 REV. 11/13

CHART NO.	TIME	RATE (BPM)	DEPTH (FT)	TEMP (°F)	THICKNESS OF CASING	OPERATION AND REMARKS
	4:00					Call out
	6:30					ONLINE WITH PRODUCTION
						Setup for job
	09:34	2	0			St. Fill Tubing TOC 4293
	09:36	2	5			END Fill Tubing TOC 4223
	09:36				3000	Test Tubing TOC 4188
	09:40				3000	END Tubing
	09:41	2 1/2	0			St. Fill Casing
	09:52	2 1/2	25			END Fill Casing
	09:52				1000	st Test Casing
	09:52				1000	END Test Casing
	10:09	4	0		0	St. Injection Test
	10:05	5	20		850	END Injection Test TOC 4125
	10:10	3	0		0	St. CMT 10000 1 1/2" TOC 4134
	10:15	4	19		450	END CMT mix 15 1/2" TOC 4134
	10:15	5	0		250	St. Displacement TOC 4134
	10:18	5	15		500	CMT at bottom pret.
	10:20	5 / 2 1/2	19		650 / 400	Slow Rate to 2 1/2
	10:20	2 1/2 / 1 1/2	20		450 / 250	Slow Rate to 1 1/2
	10:21	1 1/2	22		250	String out kept 3300 CMT on top RI lay down 3 JT
	10:28	3	0		500	St. Reverse TOC 4163
	11:08	3	109		500	END Reverse got 1/2 BB CMT out
	11:11	S	0		1000	St. 9.99 Brine Spot TOC 4163
	11:22	S	56		1000	END 9.99 Brine to 2750
	11:22	S	0		1000	St. Displacement
	11:25	S	14		1000	END Displacement
						lay down tubing + Trip out hole Pret @ 2748 to 2780
	13:26		0		0	5" pump down 5 1/2 casing
					0	END pump down 5 1/2 casing
	13:31		10		0	Cite up 10 3/4 surface Set Retainer 2870 Trip in hole
	14:21	1/4	0		1000	St. Injection Test
	14:24	1/4	1		1000	END Injection Test Cmt up 5 1/2 casing

CUSTOMER
Chevron USA

WELL DATA

FIELD Redwash WELL NO. 5-112-1 UNIT NO. 102M

FORMATION NAME	WEIGHT	SIZE	PROF.	MAXIMUM PSI ALLOWABLE
FORMATION THICKNESS	23	2	0	1000
INITIAL PROD. DATE	LOGS			
PRESENT PROD. DATE	TUBING	11-15-91	2	4000
COMPLETION DATE	OPEN HOLE			SHOTS/FT.
PACKER TYPE <u>Baker</u>	PERFORATIONS		4322	4439
BOTTOM HOLE TEMP.	PERFORATIONS		2744	2750
MISC. DATA	PERFORATIONS		288	238

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-14-91</u>	DATE	DATE	DATE <u>11-15-91</u>
TIME <u>04:00</u>	TIME <u>06:30</u>	TIME	TIME <u>14:05</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Blanchard</u>	<u>409CP</u>	<u>Venna</u>
<u>COOK</u>	<u>3784</u>	<u>Venna</u>
	<u>7060</u>	<u>Venna</u>
<u>OAKY</u>	<u>4649</u>	<u>Duncan</u>
	<u>7706</u>	

MATERIALS

TREAT. FLUID DENSITY LB/GAL-AM

DISPL. FLUID DENSITY LB/GAL-AM

PROP. TYPE SIZE LB

ACID TYPE GAL

SURFACTANT TYPE GAL IN

NE AGENT TYPE GAL IN

FLUID LOSS ADD. TYPE GAL-LB IN

GELLING AGENT TYPE GAL-LB IN

FRIC. RED. AGENT TYPE GAL-LB IN

BREAKER TYPE GAL-LB IN

BLOCKING AGENT TYPE GAL-LB

PERFPAC BALLS TYPE QTY.

OTHER

OTHER

DEPARTMENT GMP

DESCRIPTION OF JOB PTA

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X C. Blanchard

HALLIBURTON OPERATOR Blanchard COPIES REQUESTED

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>100</u>	<u>premix AG 250</u>	<u>B</u>	<u>.2% 344 Hal.</u>	<u>.15% CFR3</u>	<u>1.06</u>	<u>16.4</u>
<u>2</u>	<u>11</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
<u>3</u>	<u>150</u>	<u>premix AG 250</u>	<u>D</u>	<u>2% Ca C4</u>		<u>11</u>	<u>11</u>

PRESSURES IN PSI

CIRCULATING DISPLACEMENT

BREAKDOWN MAXIMUM

AVERAGE FRACTURE GRADIENT

SHUT-IN: INSTANT 5-MIN. 15-MIN. HYDRAULIC HORSEPOWER

ORDERED AVAILABLE USED AVERAGE RATES IN BPM

TREATING DISPL. OVERALL CEMENT LEFT IN PIPE

FEET REASON

SUMMARY

VOLUMES

PRESLUSH: BBL-GAL TYPE

LOAD & BKDN: BBL-GAL

TREATMENT: BBL-GAL

CEMENT SLURRY: BBL-GAL

TOTAL VOLUME: BBL-GAL

REMARKS

see job 40995

LEASE
Redwash

WELL NO

191

JOB TYPE

PTA

DATE

11-14-91

BULK MATERIALS DELIVERY AND TICKET CONTINUATION

A Division of Halliburton Company

DATE 11-13-91	CUSTOMER ORDER NO.	WELL NO. AND FARM 191 Red Wash	COUNTY Wintah	STATE Nc
CHARGE TO Chevron	OWNER Same	CONTRACTOR B-866779		
MAILING ADDRESS	DELIVERED FROM Vernal, Or.	LOCATION CODE 55685	PREPARED BY L. Smith	
CITY & STATE	DELIVERED TO Location	TRUCK NO. 4647-7706	RECEIVED BY	

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
		L	D		QTY.	MEAS.	QTY.	MEAS.				
504-043	516.00272			Premium AG-250 Cement	200	sk			8.86	1,772	00	
507-778	516.00227			Half-344 Mixed .22	38	lb			20.30	771	40	
507-153	516.00161			CFR-3 Mixed .152	28	lb			4.15	116	20	
504-043	516.00272			Premium AG-250 Cement	150	sk			8.86	1,329	00	
509-406	890.50812			Calcium Chloride on site	3	sk			32.50	97	00	
504-043	516.00272			Premium AG-250 Cement	75	sk			8.86	664	50	
					Returned Mileage Charge	TOTAL WEIGHT		LOADED MILES	TON MILES			
					SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET				
500-207				SERVICE CHARGE			75	1.15		86	55	
							350	1.15		402	50	
500-306				Mileage Charge	32,966		30					
				TOTAL WEIGHT					.80			
No. B966779					CARRY FORWARD TO INVOICE				SUB-TOTAL		5717 22	

HALLIBURTON SERVICES
Energy Services Group

A Division of Halliburton Company

TICKET

NO. **11954-7**

FORM 1908 R-11

WELL NO. - FARM OR LEASE NAME 191 Red Wash		COUNTY Uintah	STATE Utah	CITY / OFFSHORE LOCATION Red Wash	DATE 11-14-91	
CHARGE TO HEURUM USA		OWNER Same		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
ADDRESS		CONTRACTOR Gudbeck		LOCATION 1 WENNOI	CODE 55685	
CITY, STATE, ZIP		SHIPPED VIA TRUCK	FREIGHT CHARGES <input type="checkbox"/> FTD <input type="checkbox"/> COLLECT		LOCATION 2	CODE
WELL TYPE 01	WELL CATEGORY 02-06	WELL PERMIT NO.	DELIVERED TO LOC		LOCATION 3	CODE
TYPE AND PURPOSE OF JOB 115 PTA		WELL PERMIT NO. B-	ORDER NO. T2-RW1066-EAM		REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accordance with the rates and terms stated in Halliburton's current price lists. Payment is due by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
200-117				MILEAGE 3788 7060	30	miles			2.60	78 00
209-134				Pump charge	4438	FT				1845 00
201-027				additional hours	3	Hrs			230	690 00
				11-15-91						
200-119				Mileage crew	60	miles			1.35	81 00
209-134				Pump charge	2750	FT				1600 00

THIS IS NOT AN INVOICE

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-966779**

5719 35

WAS JOB SATISFACTORILY COMPLETED? _____
 WAS OPERATION OF EQUIPMENT SATISFACTORY? _____
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____
 X C. Blanchard
 CUSTOMER OR HIS AGENT (PLEASE PRINT)
 X _____
 CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.
Blanchard
 HALLIBURTON OPERATOR
 HALLIBURTON APPROVAL _____
 CUSTOMER

SUB TOTAL
 8311 35
 APPLICABLE TAXES WILL BE ADDED ON INVOICE.

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 Gas <input checked="" type="checkbox"/> Well <input type="checkbox"/> Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-081
2. Name of Operator Chevron U.S.A. Inc.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 100 Chevron Road, Rangely, Colorado 81648 (303) 675-3700	7. If Unit or CA, Agreement Designation REDWASH UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 693' FNL & 1942' FWL, NE 1/4 NW 1/4 SEC. 14, T7S, R23E	8. Well Name and No. RWU # 191
	9. API Well No. 43-047-15293
	10. Field and Pool, or Exploratory Area REDWASH, UTAH
	11. County or Parish, State UINTAH, UTAH

12. CHECK APPROPRIATE BOX(es) 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.)

THE ABOVE WELL WAS PLUGGED AS FOLLOWS:

- MIRU, FLUSH CSG & TBG W\ HOT OIL & WTR, PULL RODS, ND WH, NU & TEST BOPE.
- REMOVE PRODUCTION TBG. SCRAPE 7" CASING TO 4448'.
- SET 7" CIRC @ 4243'. CEMENT SQUEEZE PERFS 4322'-4438' TO 250 PSI. SPOT 3 BBLS ON CIRC. (100 SXS "H" TOTAL)
- DISPLACE 7" CASING 4163'-2750' W\ 9.1 PPG BRINE.
- PERF 7" CASING 2748'-50' (4 JPF). SET 7" CIRC @ 2670'.
- TEST 7" CSG, CIRC OUT 7" TO 10 3/4" CSG. ISOLATE 7" CSG LEAK @ +\ - 10'.
- CEMENT SQUEEZE PERFS 2748'-50' TO 400 PSI & SPOT 3 BBLS ON CIRC. (100 SXS TOTAL)
- DISPLACE 7" CASING W\ 9.1 PPG BRINE 2578'-288'.
- PERF 7" CSG @ 288'-290'. ATTEMPT TO CIRC. (NO RETURNS). PERF @ 238'.
- SET 7" FB PKR @ 25', CIRC 150 SXS "H" THRU 10 3/4" CSG TO SURFACE.
- TOP 7" & 10 3/4" CSG W\ CMT TO SURFACE & CUT CSG.
- INSTALL P & A MARKER & RIG DOWN.
- NOTIFY PRODUCTION DEPARTMENT TO RECLAIM LOCATION.

14. I hereby certify that the foregoing is true and correct.
Signed J.D. Howard *J.D. Howard* Title Drilling Technologist Date 11-27-91

(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

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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. 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)

RECEIVED

MAR 26 1993

**DIVISION OF
OIL GAS & MINING**

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Various

8. Well Name and No.
See Below

9. API Well No.
43-047-15293

10. Field and Pool, or Exploratory Area
Various

11. County or Parish, State
Uintah, Utah

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

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

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

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

We propose to use compost from the Chevron Red Wash compost project to mix with the existing soil prior to reseeding as follows:

1. Prior to spreading compost material, Chevron will furnish a analysis including TPH (Total Petroleum Hydrocarbon) showing that these levels are below 3%.
2. Lay down a 4"-6" layer of compost on the existing location and till into soil until compost is thoroughly mixed with existing soils.

Proposed locations where compost mixing would be done:

RWU #20	U-02025	589' FNL, 731' FEL, NE/NE-SEC.29-T7S-R23E
RWU #191	U-081	693' FNL, 1942' FWL, NE/NW-SEC. 14-T7S-R23E
WVFU #4	U-022158	1980' FNL, 980' FEL, SW/NE-SEC. 7-T8S-R22E
WVFU #19	U-057	552' FWL, 1966' FNL, SW/NW-S18-T8S-R22E

*** Accepted by the State
of Utah Division of
Oil, Gas and Mining
Date: 4-1-93
By: [Signature]**

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

Signed Diana Hough Title Opec. Assistant Date 03/25/93

(This space for Federal or State office use)

Approved by: Federal Approval of this Action is Necessary Title _____ Date _____

Conditions of approval, if any:

** Should meet DOGM cleanup levels after mixture*

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)
693' FNL, 1942' FWL, SEC. 14, T7S/R23E

5. Lease Designation and Serial No.
U-081

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #191 (21-14B)

9. API Well No.
43-047-15293

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

11. County or Parish, State
UINTAH, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input checked="" 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)

Wellsite was reclaimed on March 15, 1995 per BLM specifications.

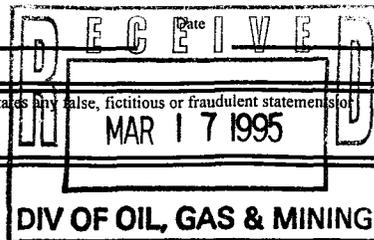
14. I hereby certify that the foregoing is true and correct.
Signed *Wanda Hough* Title Operations Assistant Date 3/16/95

(This space for Federal or State office use)

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

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

*See instruction on Reverse Side



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

UT931:TAThompson:tt:2/4/00

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: 8920007610								
UTU0566	4304715135	1 (41-26B) RED WASH	NENE	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304715141	10 (12-23B) RED WASH	SWNW	23	T 7S	R23E	OSI	CHEVRON U S A INCORPORATED
UTU0559	4304715219	100A (43-21A) RED WA	NESE	21	T 7S	R22E	WIW	CHEVRON U S A INCORPORATED
UTU0567	4304715220	101 (34-21B) RED WAS	SWSE	21	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0561	4304715221	102 (41-24A) RED WAS	SENE	24	T 7S	R22E	WIW	CHEVRON U S A INCORPORATED
UTU081	4304715222	103 (34-15B) RED WAS	SWSE	15	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0559	4304715223	104 (14-22A) RED WAS	SWSW	22	T 7S	R22E	ABD	CHEVRON U S A INCORPORATED
UTU0560	4304716487	105 (32-29A) RED WAS	SWNE	29	T 7S	R22E	P+A	CHEVRON U S A INCORPORATED
UTU02148	4304715224	106 (12-17C) RED WAS	SWNW	17	T 7S	R24E	ABD	CHEVRON U S A INCORPORATED
UTU0558	4304715225	107 (12-28A) RED WAS	SWNW	28	T 7S	R22E	P+A	CHEVRON U S A INCORPORATED
UTU0567	4304715226	108 (32-21B) RED WAS	SWNE	21	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU02025	4304715227	109 (21-28B) RED WAS	NENW	28	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304715142	11 (34-27B) RED WASH	SWSE	27	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU0559	4304715228	110 (23-23A) RED WAS	NESW	23	T 7S	R22E	POW	CHEVRON U S A INCORPORATED
UTU0561	4304715229	111 (32-24A) RED WAS	SWNE	24	T 7S	R22E	TA	CHEVRON U S A INCORPORATED
UTU0558	4304715230	112 (32-28A) RED WAS	SWNE	28	T 7S	R22E	POW	CHEVRON U S A INCORPORATED
UTU0558	4304715232	114 (41-28A) RED WAS	NENE	28	T 7S	R22E	P+A	CHEVRON U S A INCORPORATED
UTU02030	4304715233	115 (21-19B) RED WAS	NENW	19	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0558	4304715234	116 (23-28A) RED WAS	NESW	28	T 7S	R22E	P+A	CHEVRON U S A INCORPORATED
UTU0560	4304716488	117 (14-21A) RED WAS	SWSW	21	T 7S	R22E	P+A	CHEVRON U S A INCORPORATED
UTU0560	4304715236	119 (43-29A) RED WAS	NESE	29	T 7S	R22E	POW	CHEVRON U S A INCORPORATED
UTU082	4304716474	12 (41-24B) RED WASH	NENE	24	T 7S	R23E	ABD	CHEVRON U S A INCORPORATED
UTU02025	4304715237	120 (23-28B) RED WAS	NESW	28	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715238	121 (13-13B) RED WAS	NWSW	13	T 7S	R23E	PGW	CHEVRON U S A INCORPORATED
UTU081	4304715239	122 (24-14B) RED WAS	SESW	14	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTSL066446A	4304715240	123 (43-13A) RED WAS	NESE	13	T 7S	R22E	ABD	CHEVRON U S A INCORPORATED
UTU0558	4304715241	124 (14-28A) RED WAS	SWSW	28	T 7S	R22E	P+A	CHEVRON U S A INCORPORATED
UTU02030	4304715242	125 (34-19B) RED WAS	SWSE	19	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0560	4304715243	126 (41-29A) RED WAS	NENE	29	T 7S	R22E	POW	CHEVRON U S A INCORPORATED
UTU02030	4304715244	127 (12-19B) RED WAS	SWNW	19	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0559	4304715245	128 (32-23A) RED WAS	SWNE	23	T 7S	R22E	ABD	CHEVRON U S A INCORPORATED
UTU081	4304715246	129 (14-15B) RED WAS	SWSW	15	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304715143	13 (14-22B) RED WASH	SWSW	22	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTSL071965	4304715247	130 (32-27C) RED WAS	SWNE	27	T 7S	R24E	P+A	CHEVRON U S A INCORPORATED
UTU0559	4304715248	131 (41-22A) RED WAS	NENE	22	T 7S	R22E	P+A	CHEVRON U S A INCORPORATED
UTU0823	4304715249	132 (32-5F) RED WASH	SWNE	5	T 8S	R24E	ABD	CHEVRON U S A INCORPORATED
UTU0566	4304715250	133 (41-34B) RED WAS	NENE	34	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU02025	4304716489	134 (14-28B) RED WAS	SWSW	28	T 7S	R23E	ABD	CHEVRON U S A INCORPORATED
UTU0116	4304715251	135 (12-18B) RED WAS	SWNW	18	T 7S	R23E	ABD	CHEVRON U S A INCORPORATED
UTU02030	4304715252	136 (43-19B) RED WAS	NESE	19	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU02030	4304715253	137 (34-28B) RED WAS	SWSE	28	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU02025	4304715254	138 (41-30B) RED WAS	NENE	30	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU02025	4304716490	139 (43-29B) RED WAS	NESE	29	T 7S	R23E	ABD	CHEVRON U S A INCORPORATED
UTU081	4304715144	14 (14-13B) RED WASH	SWSW	13	T 7S	R23E	WIWS1	CHEVRON U S A INCORPORATED
UTU081	4304715255	140 (24-22B) RED WAS	SESW	22	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304715256	141 (11-27B) RED WAS	NWNW	27	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0571	4304716491	142 (12-33A) RED WAS	SWNW	33	T 7S	R22E	P+A	CHEVRON U S A INCORPORATED
UTU081	4304715257	143 (33-14B) RED WAS	NWSE	14	T 7S	R23E	POW	CHEVRON U S A INCORPORATED

Well Status Report
Utah State Office
Bureau of Land Management

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

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW	<input checked="" type="checkbox"/>	5-SJ
3. JLT		6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

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

01-01-2000

FROM: (Old Operator):

CHEVRON USA INC
 Address: 11002 E. 17500 S.
 VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300

Account No. N0210

TO: (New Operator):

SHENANDOAH ENERGY INC
 Address: 11002 E. 17500 S.
 VERNAL, UT 84078

Phone: 1-(435)-781-4300

Account N4235

CA No.

Unit: RED WASH

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
RWU 190 (34-29A)	43-047-16500	99998	29-07S-22E	FEDERAL	IW	PA
RWU 179 (43-33A)	43-047-15286	5670	33-07S-22E	FEDERAL	OW	PA
RWU 192 (41-33A)	43-047-15294	5670	33-07S-22E	FEDERAL	OW	P
RWU 178 (22-13B)	43-047-15285	5670	13-07S-23E	FEDERAL	OW	TA
RWU 191 (12-27B)	43-047-15293	99998	14-07S-23E	FEDERAL	IW	PA
RWU 194 (12-14B)	43-047-15296	5670	14-07S-23E	FEDERAL	OW	P
RWU 189 (41-16B)	43-047-15292	5670	16-07S-23E	STATE	OW	P
RWU 188 (23-20B)	43-047-15291	5670	20-07S-23E	FEDERAL	OW	TA
RWU 180 (31-23B)	43-047-15287	5670	23-07S-23E	FEDERAL	OW	TA
RWU 193 (43-24B)	43-047-15295	5670	24-07S-23E	FEDERAL	GW	P
RWU 184 (23-26B)	43-047-15290	5670	26-07S-23E	FEDERAL	OW	TA
RWU 19 (34-26B)	43-047-15148	5670	26-07S-23E	FEDERAL	GW	P
RWU 176 (31-28B)	43-047-15283	5670	28-07S-23E	FEDERAL	OW	TA
RWU 177 (42-28B)	43-047-15284	5670	28-07S-23E	FEDERAL	OW	TA
RWU 20 (41-29B)	43-047-15149	5670	29-07S-23E	FEDERAL	OW	PA
RWU 181 (34-30B)	43-047-15288	5670	30-07S-23E	FEDERAL	OW	P
RWU 186 (12-30B)	43-047-16499	99998	30-07S-23E	FEDERAL	IW	PA
RWU 198 (21-33B)	43-047-15300	5670	33-07S-23E	FEDERAL	OW	PA
RWU 196 (23-17C)	43-047-15298	5670	17-07S-24E	FEDERAL	GW	P
RWU 195 (43-18C)	43-047-15297	5670	18-07S-24E	FEDERAL	OW	PA
RWU 18 (41-19C)	43-047-15147	5670	19-07S-24E	FEDERAL	GW	PA
RWU 197 (43-21C)	43-047-15299	5670	21-07S-24E	FEDERAL	OW	PA

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 Communization 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") Proj:** 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:** 09/18/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 09/18/2000
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.: 159261960

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:
