

FILE NOTATIONS

Entered in NID

Entered On-S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief AKH

Copy NID to Field Office

Approval Letter In Unit

Disapproval Letter

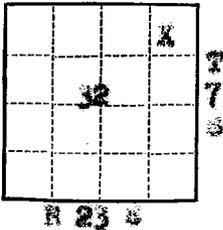
COMPLETION DATA:

Date Well Completed 8-11-201OW WW TA GW OS PA Location Inspected Bond released State of Fee Land

LOGS FILED

Driller's Log 11-10-201Electric Logs (No.) 4E I-E E-I GR GR-N Micro Lat. Mi-L Sonic Others Levee Bond Log

R-12



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-02025
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 June 14, 1961

Well No. (154) 41-32B is located 675 ft. from [N] line and 635 ft. from [E] line of sec. 32B
SA AW

NE 1/4 NE 1/4 32 7S 23E SLBM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the ~~depth~~ Kelly Rushing above sea level is 5493 ft.

DETAILS OF WORK

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

It is proposed to drill a well for oil or gas to be completed in the lower Green River Formation.

10-3/4" casing to be cemented at approximately 220'.

5-1/2" casing to be cemented below lowest productive sand with sufficient cement to reach to 4000'.

Top Green River - 2948'
"H" Point - 4852'
"K" Point - 5450'

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. L. GREEN*

Title Division Superintendent

USGS, SLC-3; OREGON-SLC-1; Gulf, Denver-1; Caulkins-1; LCS III-1; File-1

Original Signed
R. L. GREEN

MUDDING AND CEMENTING RECORD

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	221.15	170 sax	Ideal Construction		
5-1/2	5887.84	400 sax	regular		

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 surface feet to 5900 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing August 11, 1961

The production for the first 24 hours was 129 barrels of fluid of which 90 % was oil; _____ % emulsion; 10 % water; and _____ % sediment. Gravity, °Bé. 22.0
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. C. Woodrel _____, Driller J. C. McGarley _____, Driller
K. E. Kendall _____, Driller E. Bayendale Tool Pusher Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2815	2815	Shale and Sand
2815	5900	3085	Sand and Shale

WELL NO. 154 (41-32B)

PROPERTY: Section 32

RED WASH FIELD

HISTORY OF OIL OR GAS WELL

July 4, 1961

Kerr-McGee Oil Industries, Inc., moved in and rigged up. Did not cement 16" conductor. Spudded at midnight, July 4, 1961. Drilled 15" hole to 225'. Cemented 10-3/4" casing at 221' with 170 sacks ideal construction cement, mixed with 2% CaCl₂. NU BOP and tested to 1000 psi. Drilled out at 8:00 P. M. after WOC 12 hours.

July 5, 1961 to July 18, 1961

Drilled 7-7/8" hole 225' to 5430'. Picked up core barrel and ran in hole to cut core #1. Cut 21' of core when pump pressure reached 1600 psi. POOH, layed down core #1 (5430-5451). Cut and recovered 21'. WIH to cut core #2.

July 19, 1961 to July 20, 1961

Core #2 (5451-5541) cut and recovered 90'.

July 21, 1961

Core #3 (5541-5611) Cut and recovered 70'

July 22, 1961 to July 23, 1961

Drilled 7-7/8" hole from 5611 to 5900'

July 24, 1961

Ran Schlumberger induction ES from 5890' to 222' and microlog caliper from 5890' to 2000'. TGR 2815, G point 4605, H point 4835, I point 5038, J point 5300, K point 5430, Kb point 5510, L point 5710, Lc point 5821'.

DST #1 interval 5823-5842'. Opened tool at 4:43 A. M. for 2 min initial flow, next 45 min ICIP, Next 1 hour flow test, last 45 min FCIP. Had a steadily increasing blow of air to a max rate of 9 MCF/D in 25 min. Steadily decreasing slightly heading blow of air for next 33 min. To a minimum rate of 4 M/D. Gas to surface in 58 min at 4 M/D rate. Pulled and recovered 1742' rise, top 121' black HPP oil, next 91' oily mud (est. 5-10% oil) next 91' muddy water, bottom 1439' clear water. Samples 1530', 1439', and 720' above tool, at tool and ditch sample tested 1.3, 0.19, 0.19, 0.19, and 2.4 Ohm meters at 82°F resp.

	IH	ICIP	IF	FF	FCIP	FH
Top	2872	2250	200	804	2104	2822
Bottom	2931	2282	230	830	2139	2885

DST #2 Interval 5515-5542. Open tool at 12:00 P. M. for 3 min initial flow, 1 hr. ICIP, 1 hour flow test, and 1 hr FCIP. GTS in 56 min. Est. less than 1/2 M/D rate. Recovered 301 rise. In 4-1/2" DP and 256' of 6-1/4" OD DC's. Top 45' mud cut oil (est. 60% oil), next 170' oily mud, bottom 86' watery mud with a scum of oil. Samples 256', 170', 85' above tool, at tool, and ditch sample tested 4.01, 5.96, 3.50, 3.05 and 3.48 ohm meters at 82°F respectively.

pressures	IH	ICIP	IF	FF	FCIP	FH
Top	2722	2028	75	125	1855	2750
Bottom	2775	2040	84	145	1861	2775

DST # 3 interval 4850-4877. Opened tool at 7: 12 P. M. for 3 min initial flow, next 45 min ICIP, next 1 hr. flow test, and last 45 min FCIP. NCTS. Had a steadily increasing blow of air to a max rate of 5 MCF/D in 15 min. Steadily decreasing blow of air for next 45 min to a minimum rate of 4 MCF/D. Recovered 328' rise. Top 10' HPP oil, next 62' mud, bottom 256' gassy mud cut water with HPP oil flakes. Samples 256', 85' above tool, at tool, and ditch sample tested 3.45 @ 72°, 2.00 @ 74°, 0.86 @ 76°, and 3.48 @ 82°F respectively.

WELL NO 154 (41-32B)

PROPERTY: Section 32

RED WASH FIELD

Pressures	IH	ICIP	IF	FF	FCIP	FH
Top	2450	1805	72	125	1655	2400
Bottom	2450	1802	72	133	1660	2402

July 25, 1961

DSI#4 interval 4484-4500, opened tool at 1:20 A. M. for 3 min initial flow, next 45 min. ICIP, next 1 hr flow test, last 45 min FCIP. NGTS. Had a slight steady blow of air at est. 1/2 M/D. Recovered 440' rise. Top 94' muddy water. Bottom 346' water. Samples 436', 346', and 85' above tool, at tool, and ditch sample tested 3.06 @ 80°, 3.82 @ 80°, 4.52 @ 80°, 4.65 @ 78°, and 3.48 @ 82° Respectively.

Pressures	IH	ICIP	IF	FF	FCIP	FH
Top	2240	1730	65	235	1605	2240
Bottom	2280	1752	72	240	1610	2245

Conditioned hole to run casing. Treated mud with Hydrazine. Cemented 5-1/2" casing at 5888 with 400 sacks Ideal Construction cement. WOC 6:32 P. M. Picked up BOP. Cut off 5-1/2" casing. Cut and recovered 12.56'.

July 26, 1961

Drilled out cement to 5819'. Ran McCullough Gamma Ray Log from 5818' to 4500'. 5800 McCullough = 5802 Schlumberger. Ran Dowell Abrasijet Tools and collar locator. Landed 2-1/2" tubing at 5793'. Released rig at 7:00 P. M.

August 4, 1961

Moved in R & R rig for completion. Located collars at 5653-1/2', 5620-1/2', 5587, 5570-1/2', 5537-1/2', and 5505.

August 5, 1961

Rig off

August 6, 1961

Positioned jets at 5538 and cut 6 holes. Spotted 200 gal. acid across holes and broke down formation. Formation broke down at 3000 psi and took fluid at 8 BPM at 2800 psi. ISI 1450 psi. Positioned jets at 5533 and cut a horizontal notch at 6 RPM. Cut notch for 10 min. Tagged for sand. Found sand fill at 5878. Spotted 3600 # sand on bottom. Tagged full at 5537'. Spotted 200 gal. acid at 5533 and obtained breakdown; after standing for 15 min. Formation broke down at 2200 psi and took fluid at 12 BPM and 2400 psi. ISI - 700 psi. Positioned jets at 5528 and cut 6 holes. Circulated hole clean and tagged for sand. Found sand at 5537. Positioned jets at 5521 and cut 1 ft. Pump truck broke down. Had to wait 1 hr. and 45 min. for another truck. Finished cutting notch from 5521-5517. Spotted 400 gal. acid across holes at 5528 and notch at 5521-17'. Obtained breakdown at 1650 psi and 14.3 BPM. Displaced water in hole with burner fuel. Last 100 bbl. of Burner fuel was treated with Adomite. Started out of hole.

August 7, 1961

Finished POOH with tubing. Rigged up Dowell frac head to perform sand-oil frac down 5-1/2" casing with 25,000 gal #5 burner fuel containing 0.05 #/gal. Adomite, 19000# 20-40 sand, and 1800 # 12-16 Aluminum pellets. Average rate - 28.5 BPM. Average injection pressure 2700 psi. ISI - 1700 psi WIH with notched collar. Cleaned out hole to 5819'.

August 8, 1961

Ran in hole with production string. Ran 178 joints 2-1/2" tubing and landed at 5702'. Ran rods and pump. Hung well on. Released rig 6:00 P. M.

*copy
sent
file*

MS

Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. U-02025

Unit Red Wash

			X
	32		

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8

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

R 23 E

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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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

October 23, 1962

Well No. (41-32 B)
154 is located 675 ft. from {N} line and 635 ft. from {E} line of sec. 32

NE 1/4 NE 1/4 32
(1/4 Sec. and Sec. No.)

78
(Twp.)

23E
(Range)

SLBM
(Meridian)

Red Wash
(Field)

Uintah
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~derivation~~ KB above sea level is 5193 ft.

DETAILS OF WORK

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

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

1. Set cast iron BP at 5575' and cap with cement
2. Set packer at 1 5500' and begin water injection.

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

Company California Oil Company, Western Division

Address P. O. Box 455
Vernal, Utah

Original Signed by
R. W. PATTERSON

By R. W. Patterson

Title Field Superintendent

Send to file

Copy H. L. E

7

Form 9-331a
(Feb. 1951)

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

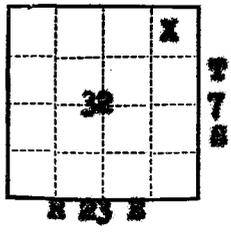
Land Office **Salt Lake City**

Lease No. **U-02025**

Unit **Red Wash**

(SUBMIT IN TRIPLICATE)

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.....	
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NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	X
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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 **April 3**, 19**63**

Well No. **(41-32B) 154** is located **675** ft. from **[N]** line and **635** ft. from **[E]** line of sec. **32**

NE 1/4 **NE 1/4** **32** **7E** **23E** **SLM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the ~~current~~ **Kelly Bushing** above sea level is **5493** ft.

DETAILS OF WORK

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

- The following well work was performed to convert subject well to water injection:
1. Run cement bond log, casing caliper log, casing profile potential log and casing inspection log.
 2. Set cast iron bridge plug at 5575' and cased with 2 sacks cement.
 3. Washed notches 5517 to 5521, holes 5535, 5528 and notch 5533' with 350 gal 8% Acetic acid with 10 gal Malco suds.
 4. Landed tubing with packer at 5506'. Injected 100 bbl water with 100 gal Malco suds.
 5. Started injecting water at ± 1600 BPD.

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 _____

Title **Field Superintendent**

USGS, SLG-3; OAGCC, SLG-1; Galf, Oka.City-1; Galf, Casper-1; Conlkins-1; Ruttram-1; SLG-1; File-1; Humble-1

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.

5. LEASE DESIGNATION AND SERIAL NO.

U-08025

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

1. OIL WELL GAS WELL OTHER **Water Injection**

2. NAME OF OPERATOR

CHRYSON OIL COMPANY, WESTERN DIVISION

3. ADDRESS OF OPERATOR

P. O. Box 455, Vernal, Utah

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

At surface

675' FWL & 635' FWL, Sec. 32, T7S, R23E, S12M

9. WELL NO.

Unit #154 (A1-328)

10. FIELD AND POOL, OR WILDCAT

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

Sec. 32, T7S, R23E

14. PERMIT NO.

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

5493 MD

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:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

Expose Adml. Sand

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

xx

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 expose Kp sand for water injection at subject well.

1. Drill out cement at 5559 and GHP at 5575. Clean out to ± 5800'.

2. Perforate at 5666 (Kp) w/ 3-way tandem jet and breakdown. Run GHP channel location survey. Cement off any undesirable channeling.

3. Perforate Kp sand at 5662, 5645 and 5635 w/ 3-way tandem jets and breakdown. Establish injection rate during breakdown.

4. RIN w/ injection string and BC packer. Set packer, install tree and commence injection.

Prior Injection: 250 MFPD at 2375 psi.

APPROVED BY UTAH OIL AND GAS
CONSERVATION COMMISSION

DATE 2-7-66 by R. W. Patterson
CHIEF PETROLEUM ENGINEER

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

Original Signed by

SIGNED R. W. PATTERSON R. W. PATTERSON

Unit Superintendent

DATE 2-3-66

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS, SLC-3; GAOCC, SLC-2, Gulf, Okla. City-1; Gulf, Casper-1; Humble, Denver-1; Fife-1, Gaultkins-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS 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 Water Injector		5. LEASE DESIGNATION AND SERIAL NO. U-01025																								
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 675' FWL and 635' FWL, Sec. 32, T7S, R23E, S14M		8. FARM OR LEASE NAME																								
14. PERMIT NO.	15. ELEVATIONS (Show whether DP, RT, GR, etc.) GL - 5481 KB - 5493	9. WELL NO. Unit #154 (41-325)																								
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT																								
<table border="0"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) Expose Additional Sand <input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> <td></td> <td></td> </tr> </table>		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) Expose Additional Sand <input checked="" type="checkbox"/>		(Other) <input type="checkbox"/>				11. SEC. T, B, M, OR BLE. AND SURVEY OR AREA Sec. 32, T7S, R23E, S14M
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"/>																							
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		12. COUNTY OR PARISH Utah																								
		13. STATE Utah																								

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

The following work was completed on subject well 2-17-66.

1. Drilled out cement at 5539' and GINP at 5575'. Cleaned out to 5800'.
2. Perforated at 5666' (Kp) w/ 5-way tandem jet. GWP channel location survey indicated no channeling. Broke down part 5666' w/ acid.
3. Perforated at 5635, 5647 and 5662 (Kp) w/ 5-way tandem jets, broke down and established injection rates.
4. RIN w/ injection string, set AC packer, installed tree and commenced injection.

Prior Injection: 290 MWD at 2375 psi.
Injection After Job: 2030 MWD at 1450 psi.

This is a single well injector. ✓

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

Original Signed By
SIGNED R. W. PATTERSON TITLE Unit Superintendent DATE April 13, 1966
R. W. PATTERSON

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other Water Injection

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

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 675' FNL & 635' FEL NE $\frac{1}{4}$ NE $\frac{1}{4}$
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-02025

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Red Wash

9. WELL NO.
154(41-32B)

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
S. 32, T7S, R23E

12. COUNTY OR PARISH Uintah 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
GL 5481'

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>plug and abandon</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.)*

It is proposed to plug and abandon
RWU 154(41-32B)

Pertinent data and a procedure for abandonment are attached.

Top GR - 2815'

- 3-BLM
- 2-State
- 3-Partners
- 1-S.723
- 1-JAH
- 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 20, 1983

(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: 5/31/83
BY: [Signature]

*See Instructions on Reverse Side

WELL DATA SHEET

RWU #154 (41-32B)

Location: NE $\frac{1}{4}$ NE $\frac{1}{4}$ S32, T7S, R23E, 675' FNL, 635' FEL, Uintah Co., Utah

TD: 5,900

PBTD: 5,800

Initial Completion (8/9/61) Oil well

Perfs: Vertical notch: 5,517-5,521

6 holes: 5,528 and 5,538

Horizontal notch: 5,533

Acidize and sand-oil frac

Initial production: 181 BOPD, 18 BWPD, 0 MCFD (Aug. 1961)

Casing Detail (7/26/61)

185 jts 5 $\frac{1}{2}$ " 15 $\frac{1}{2}$ "# J-55 8rnd ST&C new smls CF&I casing 5,889.84

Up - 2.00

Depth landed 5,887.84

Baker guide shoe on bottom joint and flexiflow fillup on top of second joint.

Workovers

1. Convert to water injection. Set cast iron bridge plug at 5,575 (12/13/62)
Production before: 24 BOPD, 0 BWPD, 83 MCFD (Nov. 1962)
Injection after: 1,735 BWIPD (Feb. 1963)
2. Sand-water frac to reduce injection pressure (4/1/65)
Injection before: 703 BWIPD (final tour report: 4/1/65)
Injection after: 703 BWIPD (final tour report: 4/1/65)
3. Drill out cast iron bridge plug at 5,575, perforate, acidize (2/18/66)
Perfs: 5-way tandem jets: 5,635, 5,645, 5,662, 5,666
Injection before: 250 BWIPD (final tour report: 2/18/66)
Injection after: 2,830 BWIPD (final tour report: 2/18/66)

Current Zone of Completion

Open Perfs

Vertical notch:	5,517-5,521	KB
6 holes:	5,528	KB
Horizontal notch:	5,533	KB
6 holes:	5,538	KB
5-way tandem jets:	5,635	KF

RWU #154 (41-32B)

5,645	KF
5,662	L
5,666	L

Excluded Perfs

No excluded perfs

Tubing Detail: (5-23-67)

KB - TH	12.20
BWH	0.65
Stretch - 22,000# Tension	2.50
173 jts 2-1/2" EUE Tbg	5,485.84
Sub & Pkr (Baker Model AC)	2.35
Notched Collar	0.44
	<u>5,503.98</u>

RWU NO. 154 (41-32B)
RED WASH/MAIN AREA

P & A Procedures

1. Backflow well. Check SITP to determine kill fluid weight.
2. MI & RU.
3. Kill well, NU BOPE, and POOH w/injection string.
4. CO to PBDT (5700)
5. Set cmt retainer @ \pm 5450. Sting into retainer and squeeze perfs 5517-5666 w/ at least 70 sx cmt (Leave 5 sx cmt on top of retainer).
6. Pressure test csg to 500 psi. Find any casing leaks.
7. Repair any casing leaks.
8. Perforate the following interval w/casing gun @ 4 spf. Depths picked from Schlumberger IES dated 7-23-61.

2860-62 2 ft 8 shots
9. Pump down casing into perfs 2860-62 not exceeding 500 psi. If perfs 2860-62 can't be pumped into, isolate perfs and break down w/50 bbl produced water. According to Schlumberger CBL (12-8-62), cmt top is @ \pm 3900.
10. Set cmt retainer @ \pm 2800. Sting into retainer and squeeze 2860-62 w/ at least 35 sx cmt (leave 5 sx cmt on top of retainer).
11. Pressure test casing and cmt retainer to 500 psi.
12. Set 10 sx cmt @ surface w/ 4" pipe, 4' above ground orange peeled on top. A steel plate should be welded on the 4" pipe w/ the following on it:

Chevron U.S.A. Inc.
Red Wash WI 154 (41-32B)
Sec. 32, T7S, R23E
675' FNL, 635' FEL (NE $\frac{1}{4}$ NE $\frac{1}{4}$)
Uintah County, Utah

Chevron



Chevron U.S.A. Inc.

700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

May 24, 1983

R. H. Elliott
Area Superintendent

Mr. Gilbert L. Hunt
UIC Geologist
State of Utah Natural Resources & Energy
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Dear Mr. Hunt:

In accordance with Rule 1-7, Section (f) of Cause No. 190-3, this letter will serve to notify the Division of Oil, Gas & Mining that Chevron U.S.A. Inc., as operator of Red Wash Unit in Uintah County, Utah, has shut-in nine water injection wells. Mr. M. K. DeBerry notified you of this matter by telephone on April 18, 1983.

Annulus pressure checks on 55 water injectors at Red Wash indicated that nine wells have problems not easily corrected. These wells were shut-in pending a workover:

No. 2	(14-24B)	SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 24, T7S, R23E
No. 7	(41-27B)	NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 27, T7S, R23E
No. 25	(23-23B)	NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 23, T7S, R23E
No. 105	(32-29A)	SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 29, T7S, R22E
No. 134	(14-28B)	SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 28, T7S, R23E
No. 154	(41-32B)	NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 32, T7S, R23E
No. 173	(21-21B)	NE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 21, T7S, R23E
No. 190	(34-29A)	SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 29, T7S, R22E
No. 202	(21-34A)	NE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 34, T7S, R22E

Two additional wells were shut-in as a result of casing integrity tests witnessed by your Mr. Jack Feight and Ms. Thalia Pratt on May 10-12, 1983. These wells were:

No. 14	(14-13B)	SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 13, T7S, R23E
No. 56	(41-28B)	NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 28, T7S, R23E

If you require additional information on this matter or have any questions, please contact Mr. Michael DeBerry at (303) 691-7313.

Yours very truly,

CHEVRON U.S.A. INC.

By R. H. Elliott

R. H. Elliott

RECEIVED
SEP 22 1983

PLUGGING RECORD

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

(801) 533-5771

RULE I-7 (g)

Form No: DOGM-UIC-6
640 Acres
N

DIVISION OF OIL & GAS & MINING

Notice: All questions on this form must be satisfactorily answered and mailed to the Division of Oil, Gas and Mining in duplicate and within 15 days after plugging is completed.

Company Operating Chevron U.S.A. Inc.
 Office Address P. O. Box 599, Denver, CO ZIP 80201
 County Uintah Sec. 32 Twp. 7S Range 23E
 Location in Section NE $\frac{1}{4}$ NE $\frac{1}{4}$ $\frac{1}{4}$ API No. 43-047-05335
 Farm Name Red Wash Well No. 154 (41-32B) Field Red Wash
 Character of Well (whether oil, gas, dry, injection or disposal) Injection

Locate Well Correctly and Outline Lease

Commenced Plugging 9/7/83 Finished 9/10/83 Total Depth 5900'

Have you filed a DOGM-UIC-2? yes If not, a DOGM-UIC-2 MUST BE attached.

Was permission obtained from the Division of OGM or its agents before plugging was commenced? yes

Name of Field Inspector N/A Perforations: 5517'-5666'

Signature of UIC Inspector _____

Name of Producing formation Green River Depth top ± 2700' Bottom ± 5700'

SAND OR ZONE RECORDS

CASING RECORDS

Formation	Content	From	To	Size	Put In	Pulled Out
<u>Green River</u>	<u>sand, shale</u>	<u>± 2700'</u>	<u>± 5700'</u>	<u>10-3/4"</u>	<u>222</u>	<u>-</u>
	<u>shaley sands</u>			<u>5-1/2"</u>	<u>5888</u>	<u>-</u>
	<u>limey sands</u>					

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the methods used in introducing it into the hole.

If cement or other plugs were used, state the character of same and depth placed:

Perforations from 5517'-5666' were excluded with 90 sx Class H cement with 10 sx (84') cement left on top of retainer at 5450'. The top of the Green River formation was then perforated at 2860'-2862' and squeezed with 60 sx Class H cement with 5 sx (42') cement left on top of retainer at 2800'. An 84' cement plug was set at surface.

Does the above conform strictly to the oil and gas regulations? Yes

REMARKS: Why plugged? ineffective injector If abandoned oil or gas well, state amount and date of last production 24 BOPD/OBWD/83 MCFPD 12/62

Plugging Contractor's Name and Address Halliburton Co., P.O. Box 399, Vernal, UT 84078

Correspondence regarding this well should be addressed to Chevron U.S.A. Inc., Attn: R. Sustakoski

Address P.O. Box 599, Denver, CO 80201

I, the undersigned, being 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.

R.H. Elliott - Area Prod. Supt 9/19/83
 Name and title of representative of company

Subscribed and sworn to before me this the _____ day of _____ 19 _____

Commission expires _____ Notary Public

Handwritten initials

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.
Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Red Wash
8. FARM OR LEASE NAME
9. WELL NO.
154 (41-32B)
10. FIELD AND POOL, OR WILDCAT
Red Wash
11. SEC., T., R., M., OR BLK. AND SURVY OR AREA
Sec. 32, T7S, R23E
12. COUNTY OR PARISH
Uintah
13. STATE
Utah

1. OIL WELL GAS WELL OTHER Dry Hole

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
675' FNL & 635' FEL (NENE)

14. PERMIT NO. KB 5481'

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

W1W
RECEIVED
SEP 26 1983
DIVISION OF OIL, GAS & MINING

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

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

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

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

Well was plugged and abandoned on September 7-10, 1983 as follows:

- MIR & RU. Released packer. NU BOPE and tested same.
- POOH w/2-7/8" tubing and Baker AC packer
- RIH w/csg scraper & bit to 5741'.
- RIH w/CICR and set at 5450.
- Cement squeezed perms 5517-5635 w/100 sxs H cmt, left 84' cmt on top of CICR.
- Perforated 2860-2862 w/2 shots/ft. Set CICR at 2800'.
- Cement squeezed perms 2860-2862 w/65 sx H cmt, left 42 sx cmt on top of retainer.
- ND BOPE. Set 84' surface plug w/10 sx H cmt.
- Set "Dry Hole" marker 4' above ground.

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

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

SIGNED *J.J. Humm* TITLE Engineering Assistant DATE September 26, 1983

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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)
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
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 ✓		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 166 (23-14A)	43-047-15276	5670	14-07S-22E	FEDERAL	OW	PA
RWU 146 (12-21A)	43-047-16492	99998	21-07S-22E	FEDERAL	OW	PA
RWU 175 (34-28A)	43-047-15282	5670	28-07S-22E	FEDERAL	OW	PA
RWU 149 (21-33A)	43-047-15262	5670	33-07S-22E	FEDERAL	OW	PA
RWU 155 (23-33A)	43-047-15266	5670	33-07S-22E	FEDERAL	OW	PA
RWU 159 (14-33A)	43-047-15269	5670	33-07S-22E	FEDERAL	OW	PA
RWU 163 (34-33A)	43-047-15273	5670	33-07S-22E	FEDERAL	OW	PA
RWU 171 (32-33A)	43-047-15279	5670	33-07S-22E	FEDERAL	OW	PA
RWU 160 (32-15B)	43-047-15270	5670	15-07S-23E	FEDERAL	OW	P
RWU 162 (12-20B)	43-047-15272	5670	20-07S-23E	FEDERAL	OW	TA
RWU 17 (41-20B)	43-047-15146	5670	20-07S-23E	FEDERAL	OW	TA
RWU 167 (23-21B)	43-047-15277	5670	21-07S-23E	FEDERAL	OW	P
RWU 147 (22-22B)	43-047-15260	5670	22-07S-23E	FEDERAL	OW	P
RWU 168 (23-24B)	43-047-15278	5670	24-07S-23E	FEDERAL	OW	TA
RWU 165 (32-26B)	43-047-15275	5670	26-07S-23E	FEDERAL	GW	S
RWU 164 (12-28B)	43-047-15274	5670	28-07S-23E	FEDERAL	OW	P
RWU 153 (14-29B)	43-047-15265	5670	29-07S-23E	FEDERAL	OW	P
RWU 158 (32-30B)	43-047-15268	5670	30-07S-23E	FEDERAL	OW	P
RWU 172 (21-30B)	43-047-15280	5670	30-07S-23E	FEDERAL	OW	TA
RWU 154 (41-32B)	43-047-16494	5670	32-07S-23E	FEDERAL	OW	PA
RWU 15 (32-17C)	43-047-15145	99998	17-07S-24E	FEDERAL	OW	P
RWU 152 (41-17C)	43-047-16493	5670	17-07S-24E	FEDERAL	GW	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: 09/11/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 09/11/2000
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: 03-09-01

FILING:

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

COMMENTS:

