

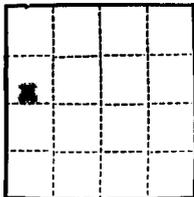
Scout Report sent out  
 Noted in the NID File  
 Location map pinned  
 Approval or Disapproval Letter  
 Date Completed, P. & A, or  
 operations suspended  
 Pin changed on location map  
 Affidavit and Record of A & P  
 Water Shut-Off Test  
 Gas-Oil Ratio Test  
 Well Log Filed

*in Unit*

10-31-59

<p>COMPLETION DATA:</p> <p>Well Completed <u>10-31-59</u> Location Inspected _____</p> <p>Y. <input checked="" type="checkbox"/> WW _____ TA _____ Bond released _____</p> <p>SW _____ CS _____ PA _____ State of Fee Land _____</p>	
<p>LOGS FILED</p> <p>Driller's Log _____</p> <p>Electric Log (No. <u>1-3</u>) _____</p> <p>E. _____ I. _____ E-I <input checked="" type="checkbox"/> GR. _____ GR-N. _____ Micro _____</p> <p>Lat. _____ Mi-L <input checked="" type="checkbox"/> Sonic _____ Others <u>to cement Port</u></p>	

Noted in NID File	<input checked="" type="checkbox"/>	Checked by Chief	_____
Location Map Sheet	<input checked="" type="checkbox"/>	Copy NID to Field Office	_____
Location Map Pinned	<input checked="" type="checkbox"/>	Approval Letter	<u>Unit</u>
Approval Letter Filed	<input checked="" type="checkbox"/>	Disapproval Letter	_____
State or Fee Land	_____		



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City  
Lease No. U-0998  
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)

August 12, 1959 Vernal, Utah, 1959

Well No. (107) 10-204 is located 650 ft. from [N] line and 560 ft. from [E] line of sec. 204  
1/4 corner of  
1/4 Sec. and Sec. No.) 204 (Twp.) 20N (Range) 12W (Meridian)  
Red Wash (Field) Utah (County or Subdivision) Utah (State or Territory)

The elevation of the  Kelly Junction above sea level is 5350 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 1/8" casing to be cemented approximately 205'.  
 7" casing to be cemented below lowest productive interval with sufficient cement to reach 4000'.

Top Green River	3065
"H" Point	2168
"K" Point	2760

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

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

Address P. O. Box 455

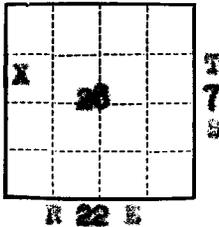
Vernal, Utah

By C. V. [Signature] 8/12/59

Title District Superintendent

(SUBMIT IN TRIPLICATE)

Land Office SALT LAKE CITY  
Lease No. U-0598  
Unit Red Wash



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	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 March 27, 1962

(12-28A)

Well No. 107 is located 197 1/2 ft. from N line and 568 ft. from W line of sec. 28

SW 1/4 NW 1/4 28 73 22E 36M

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

(Twp.)

(Range)

(Meridian)

Red Wash

Utah

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the Kellyushing above sea level is 5350 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)

1. Located water entry by water witch to be from perfs 5852-5897'.
2. Set retainer at 5844'. Squeezed 190 sacks of latex cement thru perfs 5852-5897'.
3. Perforated casing with 5 holes at 5830'. Set retainer at 5824'. Squeezed perfs at 5830' with 40 sacks of latex base cement.
4. Ran production tubing, rods and pump. Returned well to production.

	Production	
	Before	After
Oil	--	21
Water	100%	331
Gas	--	--

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

Original Signed by  
R. W. PATTERSON

Vernal, Utah

By R. W. PATTERSON

Title Field Superintendent

UEG-1, SEC-3; O&CC, SEC-1; Gulf, Denver-1; Conkings-1; RIG-1; File-1

*Capt. H. L. G.*

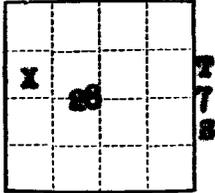
Land Office Salt Lake City

Lease No. U-0558

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

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

Vernal, Utah April 3, 1963

(12-28A)  
Well No. 107 is located 197 1/2 ft. from [N] line and 560 ft. from [E] line of sec. 28  
SW 1/4 NW 1/4 28 7E 22E SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Red Wash Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the Kelly Bushing above sea level is 5350 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)

1. Locate zone of water entry by "water witch" and cement bond log.
2. Exclude zone by cement squeezing.
3. Expose and free the J sand through 3 - 60" slots at 5637' and any other non-water sands which were covered with cement on the squeeze.
4. Clean out to 5810' and return well to production.

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

Company California Oil Company, Western Division

Address P. O. Box 455

Vernal, Utah

By

Checked and Approved by  
R. V. PATTERSON

Title Field Superintendent

USGS, SLC-3; OROCC, SLC-1; Gulf, Okla. City-1; Gulf, Casper-1; Gaultkins-1; Buttress-1; Humble-1; SLC-1; File-1

COMPLETION REPORT -- NEW WELL

04602

STANDARD OIL COMPANY OF CALIFORNIA

FIELD: Red Wash

PROPERTY: Section 28A

WELL NO: 12-28A (107)

Sec 28 T. 79 R. 22E SL B. & M.

LOCATION: 654' N and 568' E of W 1/4 corner of Section 28A.

LAND OFFICE: Salt Lake City

LEASE NO. : U-0558

ELEVATION: 5350' K.B.

K.B. is 12' above ground.

DATE: December 9, 1959

By C. V. CLATTERTON  
Superintendent, Producing Department

DRILLED BY: Kerr-McGee Oil Industries, Inc.

DATE COMMENCED DRILLING: August 12, 1959

DATE COMPLETED DRILLING: September 9, 1959

DATE OF INITIAL PRODUCTION: October 31, 1959

PRODUCTION:	Daily average, 1st	30	days	Gravity	25.9	° API	Pumping	X
	Oil	121	Bbbls.	T. P.	120	PSI	Flowing	
	Water	92	Bbbls.	C. P.	120	PSI	Gas Lift	
	Gas	57	Mcf.	Bean		164"		

SUMMARY

T.D.: 6450'

EFFECTIVE DEPTH: 6415'

CASING:

10 3/4" cmtd 236'  
7" cmtd 6433'

MARKERS:

TOR 3050'  
"H" 5195'  
"I" 5368'  
"J" 5628'  
"K" 5766'  
"L" 6100'

LOGS RUN:

Schlumberger Induction ES 6448-239'  
Micro-caliper 6454-2000'  
McCullough Gamma Ray 6412-5200'

PERFORATIONS: 5894-5897; 5880-5885, 5852-5872,  
5796-5817, 5785-5790, 5768-5780,  
5728-42 and 5630-40'.

DST's:

#1 - 6334 - 6350'  
#2 - 5880-5896'

WELL NO: 12-28A (107)

PROPERTY: Section 28A

RED WASH FIELD

Cemented 16" conductor at 23' with 25 sacks cement.

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

Spudded well 5:00 a.m. August 12, 1959, and drilled 15" hole 23' to 238'.

Ran 240.58' of 10 3/4" casing and cemented at 235.58' with 180 sacks Ideal construction cement mixed with 2% calcium chloride. Preceded cement with 10 bbl water and displaced with 21 bbl water. 25 min mixing and displacing cement.

Casing detail:

All 7 jts. or	223.58'	10 3/4", 40.5#, J-55, ST&C, Youngstown, Sals
	12.00'	in on landing jt.
	<u>235.58'</u>	

Drd 9" hole 238' to 5870'; 5632' drilled.

Lost circulation at 3440' and 4102-4130'.

August 29, 1959

Core #1 - 5870 - 5904', Rec 32'; 8 7/8" hole

5870 - 5874 - Gry sdy sltst w stks oil stn'd fn grn ss, golden mott flor & congl ss  
 5874 - 5879 - Brn oil ss, fn to med grn, fair odor, golden flor  
 5879 - 5882 - Dk gy sh w/stks & inclusions gry sdy sltst, NOSCF  
 5882 - 5886 - Gy sdy sltst w/stks lt brn oil stn'ng, golden flor on oil stains  
 5886 - 5890 - Brn oil ss, fn grn, fair odor, dull golden to golden flor  
 5890 - 5894 - Sdy sltst intbdd w/sh & occ stks oil stns  
 5894 - 5900 - Ss, gry, fn grn, limey, NOSCF, looks ti; last 6' badly broken w/vert frags  
 5900 - 5904 - No recovery

Core #2 - 5904 - 5471', Rec 70', 8 7/8" hole

5904 - 5909 - Gr ss, vy fn grn, slty, NOSCF, looks ti w/stks oil stn'ng @ 5900  
 5909 - 5919 - Brn oil ss, fn to vy fn grn, fair odor, golden flor  
 5919 - 5921 - Intbdd lt gy sdy sltst & gy claystn  
 5921 - 5927 - Ss, vy fn grn w/spotty stks of lt brn oil stn'ng & stks gry sltst; brittle core badly broken, looks ti  
 5927 - 5939 - Intbdd sltst & sh w/some free oil bleeding from bedding planes  
 5939 - 5947 - Ss, fn grn w/mottled oil stn'ng, mottled golden flor, looks ti  
 5947 - 5957 - Sh & sltst as 5925 - 39'.  
 5957 - 5964 - Ss, fn grn, lt brn oil stn'd, intbdd w/stks claystn and laminae of carbonaceous material, looks ti  
 5964 - 5971 - Gry sdy sltst & claystn w/stks fine grn ti oil stn'd ss, bri yel flor on ss

Core #3 - 5971 - 6051', Rec 90', 8 7/8" hole

5971 - 5987 - Gry sdy sltst & gry claystn; sltst bec wandier toward bottom  
 5987 - 6012 - Ss, gry, limey, fn grn, NOSCF  
 6012 - 6018 - Gy sdy sltst w/laminae gy sh  
 6018 - 6020 - Dk brn sh, dull brn flor  
 6020 - 6022 - Ss, fn grn, limey, w/scattered ostr, looks ti; bleeds gas  
 6022 - 6026 - Dk gy to black ostr, oolitic ls w/stks dk grn sh  
 6026 - 6028 - Ostr ss, fn grn, well cem, bleeds gas, NOSCF, very dull brn flor  
 6028 - 6041 - Ss, fn grn, limey in part, mottled oil stn'ng in upper part with stks oil stn'ng in lower part, flor as noted; even bri golden flor 6035-6040

WELL NO: 12-28A (107)

PROPERTY: Section 28A

RED WASH FIELD

6041 - 6043 - Ostracodal ss

6043 - 6061 - Sdy sltst

Core #4 - 6061 - 6097', Rec 36', 8 7/8" hole.

6061 - 6065 - Ss, fn to med grn, oil stn'd at top grading to sli mottled oil stn at bottom, good pet odor where stn'd, golden fluor in oil stns

6065 - 6087 - Dk olive grn sh and gy sdy sltst w/occ stks grn brn sh

6087 - 6095 - Lt gy sdy sltst w/laminae, incld and cross beds of dk gy carbonaceous sh, NOSCF

6095 - 6097 - Dk olive grn sh

Core #5 - 6097 - 6123', Rec 26', 8 7/8" hole

6097 - 6106 - Dk grn gry sh, bleeds gas on bedding planes, good pet odor

6106 - 6111 - Dolitic &amp; ostra lmstn, NOSCF, w/stk limey grn gry sh at 6110'

6111 - 6113 - Gry ostr ss, vy fn grn, limey, looks ti, NOSCF

6113 - 6118 - Lt brn oolitic &amp; ostr ss, fn grn, limey w/vert frags, good pet odor, golden flor, looks ti, free oil bleeding from core

6118 - 6123 - Gry sdy sltst w/stks dk grn gry sh, NOSCF

Drl'd 8 3/4" hole 6123 - 6450', T.D., 327' drilled.

September 6, 1959

Ran Schlumberger Induction ES log and recorded from 6448' to 239' and ran Micro-caliper log from 6454' to 2000'. TGR-3050', "H" - 5195', "I"-5368', "J"-5628', "K"-5766', "L"-6100'.

DST of interval 6334'-6350'. Ran Howco straddle tester. Set packers at 6329', 6334' and 6350'. Tool open 3 min, then took 30 min ICIP and 15 min flow test. Gas to surface in 3 min. Had a steadily incr blow of gas to a max rate of 2240 M/D when pulled loose.

DST #2 - Pulled up and reset packers at 5875', 5880' and 5896'. Tool open 1 hr. Had a light blow for 1 hr, gas from previous test. Took 1/2 hr FCIP. Rec. 1024' rise in 1/2" DP and 561' of 6 1/2" OD DC's. Top 289' clean gassy light oil, 32° API gravity, 48° pour point, bottom 735' gassy thin mud w/scum of oil. Samples 656, 561, 471, 384, 299, 213 and 125 above tools, and at tool and ditch sample tested 3.90, 1.80, 3.10, 3.00, 2.30, 2.00, 1.90, 2.60 and 4.30 ohmmeters @ 70°F respectively. Tool samples tested 125 g/g. Pressures

Pressures DST #1 - Top - IH-3258; ICIP-2550; IF-442; FF-651; FH-3192; Bottom - IH-3270; ICIP-2530; IF-468; FF-632; FH-3192.

Pressures DST #2 - Top - IH-3030; IF-270; FF-442; FCIP-1880; FH-2903; Bottom - IH-2980; IF-260; FF-412; FCIP-1862; FH-2961.

September 7, 1959

Cemented 7" casing at 6433' with 375 sax Ideal construction cement. Preceded cement with 10 bbl water. Did not have circ during job. 20 min mixing and 19 min displacing. Cement plug bumped under 1800 psi. Landed casing in "as cemented" position with 142,000# on hook.

Casing detail:

Bottom 20 jts or	825.89'	7", 23#, N-80, LT&C, incl shoe & Flexi Flo collar
Next 1 jt	17.34'	7", 23#, J-55, LT&C
Top 137 jts	5594.77'	7", 23#, J-55, ST&C, New, CP&I, Smls casing
Total	6438.00'	
	-5.00'	up
Landed	6433.00'	

WELL NO: 12-28A (107)

PROPERTY: Section 28A

RED WASH FIELD

September 8, 1959

Drilled out cement to 6415'.

Displaced hole fluid with water then displaced water with Rangely crude.

Ran McCullough Gamma Ray Collar log and recorded from 6412-5200'.

September 9, 1959

Schlumberger 5900 = 5898 McCullough.

Shot 4 - 1/2" M-2 bullet holes/ft through the following intervals - 5894-5897, 5880-5885, 5852-5872, 5796-5817, 5785-5790, 5768-5780, 5728-42 and 5630-40'.

Scraped above perms with Baker Rotovert csg scraper.

Set Baker retrievable bridge plug at 5960'.

Landed 2 1/2" EUE tubing at 5095'.

Crew released 9:00 p.m. September 9, 1959.

September 21, 1959

Dowell spotted 800 gal inhibited mud acid thru tubing from 5100' to 5960', let set 3 1/2 hrs. Started displacing acid into formation 1900 psi to 1100 psi first stage, 1200 psi to 1100 psi second stage and 1200 psi, no break on third stage.

Dowell sand oil squeezed zones 5630-40, 5728-42, 5768-80, 5785-90, 5796-5817, 5852-72, 5880-85, and 5894-5897' w/500 bbls burner fuel #5 mixed with 2 1/2#/gal of 20-40 Ottawa sand and .05#/gal Adomite, 100 ball sealers. Dropped 5 batches of 20 balls each after each 71 bbls of sand oil mix. Mixed 52 millicuries of radioactive sand with regular sand. Flushed with 185 bbls burner fuel. Max press - 2400 psi; Min press - 1800 psi; average rate - 26 BPM.

September 22, 1959

R&amp;R Well Service moved in and rigged up.

September 25, 1959

Ran McCullough Gamma-Collar log from 5200-6200', also perforations. Picked up some perforations, but not all of them. The log was run also to pick up radioactive sand deposited from sand oil squeeze. McCullough made 3 runs to complete log, had short in rope socket.

September 26, 1959

Ran tubing and rods.

Tubing detail:

1 - Gas anchor	29.95'
1 - Sub, J-55	10.18'
1 - PSN	1.10'
179 jts 2 1/2" EUE, J-55	5695.02'
	<u>5736.25'</u>
K.B. to tubing head	12.00
Total	<u>5748.25'</u>

R&amp;R Well Service released September 26, 1959.

T. R. HULL

610

*Cliff H. E.*

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

Form 9-381a  
(Feb. 1961)

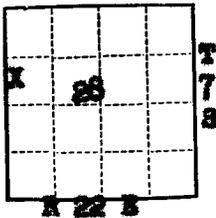
Land Office Salt Lake City

Lease No. U-0558

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.....
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 May 23, 1963

Well No. (12-28A) 107 is located 1974 ft. from 22E line and 568 ft. from 73 line of sec. 28

SW 1/4 NW 1/4 28 73 22E S12M

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Red Wash Utah Utah

(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~wellhead~~  Kelly Bushing above sea level is 5350 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.
1. Determined water entry from below 5817' by cement bond log and radio active tracer survey.
  2. Set retainer at 5750' and cement squeezed all perfs below with 100 sacks.
  3. Abrasijetted 3 - 60° slots at 5802' and thermoiled with 6200 gal 300°f Rangely cruds.
  4. Abrasijetted 3 - 60° slots at 5787 and 5772' and fraced.
  5. Abrasijetted 3 - 60° slots at 5736' and fraced.
  6. Abrasijetted 3 - 60° slots at 5637' and fraced.
  7. Cleaned out to 5810' and returned well to production.

Production: Before - 100% water  
 After - 232 BOPD, 131 BWP, 33 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

Title Field Superintendent

USGS, SLC-3; OMCC, SLC-1; Gulf, Okla. City-1; Gulf, Casper-1; Conkings-1;  
Humble-1; RLQ-1; File-1

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

SUBMIT IN TRIPLICATE\*  
(Other instructions reverse side)

Form approved.  
Budget Bureau No. 42-R144

5. LEASE DESIGNATION AND SERIAL NO.

U-0558

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Red Wash Unit

9. WELL NO.

#107 (12-28A)

10. FIELD AND POOL, OR WILDCAT

Red Wash Field

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

Sec. 28, T7S, R22E

SLBM

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

**SUNDRY NOTICES AND REPORTS ON RECEIVED**

(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  JAN 19 1973

2. NAME OF OPERATOR  
Chevron Oil Company - Western Division

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  
1974' FNL & 568' FWL (SW-1/4 NW-1/4)

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 5350'

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

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

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

The following well work is proposed:

1. Pull pump, rods & tubing.
2. Set Baker Model "K" cement retainer w/valve closed on wireline @ 5760'.
3. Straddle perf 5736' and acidize w/336 gal. inhibited 15% HCL.
4. Straddle perf 5637' and acidize w/336 gal. inhibited 15% HCL.
5. Run production tubing and land near 5700' +.
6. Run pump, rods and return to production.

Present Production: 14 BOPD, 366 BHPD, 10 MCFPD.

18. I hereby certify that the foregoing is true and correct  
SIGNED J. W. Greer TITLE Drilling Superintendent DATE 1/17/73

(This space for Federal or State office use)  
APPROVED BY [Signature] TITLE DISTRICT ENGINEER DATE JAN 23 1973  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

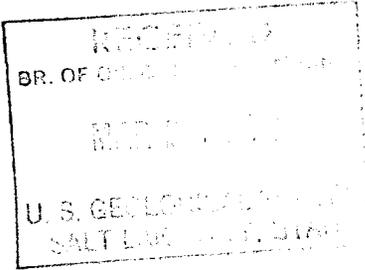
SUNDRY NOTICES AND REPORTS ON WELLS

(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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE NUMBER AND STATE NO. <b>U-0558</b>																				
2. NAME OF OPERATOR <b>Chevron Oil Company - Western Division</b>		6. IF INDICATED, WELL OR TOWER NAME																				
3. ADDRESS OF OPERATOR <b>P. O. Box 599, Denver, Colorado 80201</b>		7. UNIT AGREEMENT NAME <b>Red Wash</b>																				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>1974' FWL &amp; 568' FWL (SW-1/4 NW-1/4)</b>		8. FARM OR RANCH NAME <b>Red Wash Unit</b>																				
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>KB 5350'</b>	9. WELL NO. <b>#197 (Q1-28A)</b>																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WELL NAME <b>Red Wash Field</b>																				
<table border="0"> <tr> <th colspan="2">NOTICE OF INTENTION TO:</th> <th colspan="2">SUBSEQUENT REPORT</th> </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>REPAIR 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>REPAIR 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 checked="" type="checkbox"/></td> <td>REPAIR FLOWLINE <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) <b>Exclude K Sands</b></td> <td>REPAIR FLOWLINE <input type="checkbox"/></td> </tr> </table>		NOTICE OF INTENTION TO:		SUBSEQUENT REPORT		TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIR CASING <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	REPAIR FLOWLINE <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <b>Exclude K Sands</b>	REPAIR FLOWLINE <input type="checkbox"/>	11. SEC., TWP. OR R. & S. <b>Sec. 27 T. 17S. R. 26E</b>
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT																				
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>																			
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIR CASING <input type="checkbox"/>																			
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	REPAIR FLOWLINE <input type="checkbox"/>																			
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <b>Exclude K Sands</b>	REPAIR FLOWLINE <input type="checkbox"/>																			
		12. COUNTY AND STATE <b>Uintah Utah</b>																				

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of completion or recompletion. Report and log form.)

See the attached procedure:



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

SIGNED J. W. Greer TITLE Drilling Superintendent

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE ACTING DISTRICT ENGINEER

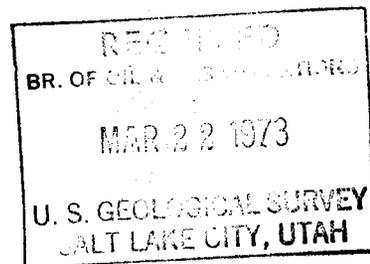
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

DATE 3/20/73  
DATE MAR 27 1973

1. Pulled rods, pump and tubing.
2. Set cast iron retainer @ 5760'.
3. Pumped into perfs 5772' and 5787' @ 3 BPM w/2200 psi. ISIP = 1000 psi.  
Blank 5736'-5772' ok.
4. Pumped into perfs 5736' @ 2 BPM w/9 bbls. 15% HCL w/500-1100 psi. Pressure broke to 900 psi and remained same. ISIP = 600 psi.
5. Pumped into perfs 5637' @ 2 BPM w/9 bbls. 15% HCL w/800 psi. ISIP = 500 psi.
6. Ran production string landing @ 5712'.
7. Ran rods and pump.

Production after workover: 72 BOPD, 264 BWPD, 22 BWPD.





**Chevron Oil Company**  
**Western Division**

Denver, Colorado  
 September 15, 1976

RWU #107 (12-28A)  
 CONVERT FROM GREEN RIVER OIL  
PRODUCER TO A WASATCH GAS PRODUCER

MR. E. T. KRYSUIK:

1. MIR & RU. HO annulus w/250 bbls RC. Unseat pump and flush tbg w/50 bbls RC. POOH w/pump & rods. Displace hole w/2% KCl water. NU BOPE & POOH w/tbg.
2. TIH w/6-1/8" bit, 4 - 4-3/4" DC & tbg. Drill out retainer @ 5760' and cement to 6410'. POOH.
3. TIH w/6-1/8" bit, scraper, and tbg to 6410'. POOH laying down tbg.
4. Run CBL w/Gamma Ray and collar locator from 6410 to 5900'.
5. GIH w/Baker Model "DB" Retainer production packer w/accessories (see attached) on wireline and set @ 6250'.
6. TIH w/Baker Seal Assembly, "F" Nipple & new 2-7/8" tbg. Displace annulus w/2% KCl water containing hydrozine, corrosion and scale inhibitors leaving 2% KCl water containing 2 gals/1000 gals CLA-STA (Halib) and 5 gals/1000 gals non-emulsifier. Sting into pkr @ 6250'. Test tbg, pkr and lower csg to 6000 psi.
7. ND BOPE, NU tree, release rig.
8. Perforate the following intervals w/2" gun - 2 JPF. Correct depths to Schlumbergers IE log (9-6-59).
 

6342-49	7'
6326-39	<u>13'</u>
	20'
9. Breakdown and acidize perms 6326-6349 w/1500 gals 15% HCl acid containing 5 gals/1000 gals non-emulsified and 2 gals/1000 gals CLA-STA (Halib). Drop one ball sealer every 50 gals of acid (total - 30 balls). Max. surface pressure 6000 psi. (NOTE: Annulus should be full and open to pit to determine communication.) Swab spent acid water back if necessary.
10. Flow well increasing rate gradually until stabilized.
11. Shut in well. GIH w/tandem pressure bombs and set into Baker "R" nipple. (NOTE: Bombs will have 72 hr clocks.) Flow well for 3 hrs w/chart. Shut

in well for the remaining clock time. GIH and retrieve bombs. If results indicate damage and/or low permeability, proceed to Step 12. Otherwise proceed to Step 13.

12. Frac intervals 6326-49 down tbg w/50,000 gals Versagel & 95,000 lbs 20/40 sand.

Base Fluid: 2% KCl water w/.1% TRI-S and .05% Adocide.  
Pre-pad: 2% KCl water w/.1% Surfactant, .2% CLA-STA & .05% Adocide.  
Gelled Fluid: Base fluid w/60# WG-12/1000 gals (crosslinked) and 30# WAC-9/1000 gals.

Estimate ± 15 BPM @ 5500 psi. Max. surface press. - 6000 psi.

- a) 7,500 gals pre-pad.
- b) 15,000 gals pad.
- d) 5,000 gals 1.0 ppg                    20/40                    5,000#
- d) 10,000 gals 2.0 ppg                    20/40                    20,000#
- e) 10,000 gals 3.0 ppg                    20/40                    30,000#
- f) 10,000 gals 4.0 ppg                    20/40                    40,000#
- g) Displace to perfs w/2% KCl water w/5# FR-20/1000 gals.
- h) Allow pressure to dissipate to formation.

13. Place well on production. Swab if necessary. (NOTE: A sinker bar run should be made after 7 days production to determine fill. CO fill if necessary.)

F. J. HARTLEY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R

**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 Oil Company - Western Division

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  
1974' FNL & 568' FWL (SW $\frac{1}{4}$ NW $\frac{1}{4}$ )

14. PERMIT NO. \_\_\_\_\_ 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 5350



5. LEASE DESIGNATION AND SERIAL NO.  
U-0558

6. IF INDIAN, ALLOTTEE OR TRIBE NAME \_\_\_\_\_

7. UNIT AGREEMENT NAME  
Red Wash Unit

8. FARM OR LEASE NAME  
Red Wash Unit

9. WELL NO.  
107 (12-28A)

10. FIELD AND POOL, OR WILDCAT  
Red Wash Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 28, T7S, R22E, S1

12. COUNTY OR PARISH Uintah 13. STATE Utah

16.

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL 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 checked="" type="checkbox"/>	(Other) _____	
(Other) <u>Convert to Gas Producer</u>		(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 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 plan to convert this well to a Wasatch gas producer per the attached. We anticipate no additional surface disturbances.

Present Status: Producing 25 BOPD, 370 BWPD from Green River formation.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: Oct. 13, 1976

BY: P. L. Ansell

3-USGS  
2-STATE  
1-EDB/WBH  
1-DLD  
3-PARTNERS  
1-JCB  
1-FILE

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

SIGNED J. A. Mishler

J. A. Mishler

TITLE Engineering Assistant

DATE 10-5-76

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_



**Chevron Oil Company**  
**Western Division**

1700 Broadway, P.O. Box 599, Denver, CO 80201

**CIRCULATE TO:**

- DIRECTOR
- PETROLEUM ENGINEER
- MINE COORDINATOR
- ADMINISTRATIVE ASSISTANT
- ALL

October 20, 1976

RETURN TO *Kathy J. [unclear]*  
FOR FILING  
*Tom*

Mr. Patrick L. Driscoll  
Chief Petroleum Engineer  
State of Utah  
Department of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116



Dear Mr. Driscoll:

Chevron Oil Company has previously notified you of our desire to convert the Red Wash Unit #107 (12-28A) well from an oil producer in the Green River formation to a gas producer in the Wasatch formation.

We request that this work be approved in order to fully recover the available hydrocarbon reserves that exist in the Red Wash Unit on a timely schedule and in an efficient manner with the wells which are available for the depletion of these reserves.

The gas reserves which we propose to develop from Unit Well #107 were confirmed by a DST conducted in the Wasatch gas sand in the subject well on 9-6-59. A gas rate of 2240 MCFD was obtained from this DST. Confirmation of a high gas potential in the Wasatch formation was established in 1975 when Red Wash Unit #223 (44-21A) was also tested in the Wasatch formation at a rate of 1283 MCFD. Through isopach mapping and reservoir data obtained from logs and DST's conducted in the Wasatch formation the estimated volumetric reserves are calculated to be 8 BSCF. The development of these gas reserves will help offset the steady decline of gas production from the Red Wash Unit and assist in supplying sufficient gas production to continue efficient operation of our gas processing and compression plant.

The Green River oil sands in Unit Well #107 have been depleted through subsequent workovers with the exception of those that are currently exposed. The Green River formation is currently being waterflooded and we feel that the oil reserves for this well will be recovered by other surrounding wells as the oil is swept towards them.

In view of the fact that current demands for natural gas are high, and that a substantial gas reserve does exist in the Wasatch formation as indicated from drill stem tests in the Unit #107 well and another well nearby, we as the Unit Operator of the Red Wash Field feel that the proposed work is in the best interests of the state, operator and royalty owners.

Sincerely yours,

T. L. Perryman  
Division Petroleum Engineer

SER:j1

*303  
292  
1400*

Nov. 12, 1976

Re: Red Wash Unit #107  
Chevron Oil Co.

A difficulty arose in Chevron Oil Co's application to convert unit well #107 to a Wasatch Gas Producer. The problem arose in the fact that basic information was differently slanted in letters of correspondence, to the U.S.G.S and to this office.

The problem has been resolved in a 3 way communicative call, and the fact has been established that:

- ① No loss of oil recovery will be incurred due to the proposed conversion.
- ② The indicated amount of flared gas is an aggregate estimate from edge wells, and the fact that this is not recovered first before this conversion takes place has no direct bearing on the efficient operation of this unit. It is satisfactory to both the State and the U.S.G.S that the above recompletion be allowed.



Conservation Division  
8440 Federal Building  
Salt Lake City, Utah 84138

CIRCULATE TO:

DIRECTOR \_\_\_\_\_  
PETROLEUM ENGINEER \_\_\_\_\_  
MINE COORDINATOR \_\_\_\_\_  
ADMINISTRATIVE ASSISTANT \_\_\_\_\_  
ALL \_\_\_\_\_

RETURN TO

*Kathy [unclear] Thi*

November 12, 1976

Mr. R. W. Patterson  
Area Supervisor  
Chevron Oil Company - Western Division  
P. O. Box 599  
Denver, Colorado 80201

Re: Red Wash Unit - Gas Completion  
Well No. 107 (12-28A)  
SW $\frac{1}{4}$  NW $\frac{1}{4}$ , Sec. 28-7S-22E, SLB&M  
Red Wash Field - Lease U-0558  
Uintah County, Utah

Dear Mr. Patterson:

A Sundry Notice submittal under date October 5, 1976 to convert the referenced well from a Green River formation oil producer to a Wasatch formation gas producer was received in this office October 7, 1976. A justification letter from Chevron Oil to the Chief Petroleum Engineer, State of Utah, Division of Oil, Gas, and Mining, states that the development of these gas reserves will help offset the steady decline of gas production from the Unit and assist in supplying sufficient gas production to continue operation of your gas processing and compression plant. We assume that the gas production from Well No. 107 will be essentially used as fuel gas.

We note from recent Lessee's Monthly Reports of Operations, Form 9-329 Reports, that approximately 3150 MCF/mo or 100 MCF/D of gas production is being vented/flared in the Red Wash Unit. This venting/flaring was initially recognized by our letter of April 18, 1975 in response to your request February 5, 1975. The April 18, 1975 letter approved the venting/flaring at Station 21-C to July 1, 1975, and was conditioned with additional supporting reasons for the request. Chevron requested by letter June 18, 1975, with supporting reasons pertaining to sales of the gas, for venting/flaring for an indefinite period. Our letter of July 11, 1975 extended the approval period to "a period not to extend beyond June 30, 1976." No further requests have been made for extension. We assume that the gas volume vented/flared currently being reported is at the same station (21-C).

The proposal to convert Well No. 107 to a gas producer for fuel gas, as we assume, prompts a concern for the vented/flared gas volumes. These volumes vented/flared are without approval since June 30, 1976. The letter justifying the venting/flaring related to sales, not fuel gas. You must renew your request for this venting/flaring. The request must also be justified on the basis of use of these vented/flared volumes for fuel gas. This office would be reluctant to allow fuel gas production from Well No. 107 and venting/flaring gas from Station 21-C.

The Plan of Development for the Red Wash Unit, February 10, 1976, includes duly completing the well with the Wasatch Gas Completion. We have no objection to the abandonment of the Green River Zone in Well No. 107. Oil from the Green River Zone in this area will be recovered from other wells (RWU Nos. 96, 116, 119, and 126 as result of the water flood sweep.) Attached is your approval copy of the Sundry Notice.

Sincerely yours,

(Orig. Sgd.) E. W. Guynn

E. W. Guynn  
District Engineer

Attachment

cc: Chief Engineer, State of Utah,  
Oil, Gas & Mining Div.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.

LAND OFFICE \_\_\_\_\_  
LEASE NUMBER U-0558  
UNIT \_\_\_\_\_

State Utah County Uintah Field Red Wash Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1977,

Agent's address P. O. Box 599 Company Chevron U.S.A. Inc.  
Denver, Colorado 80201

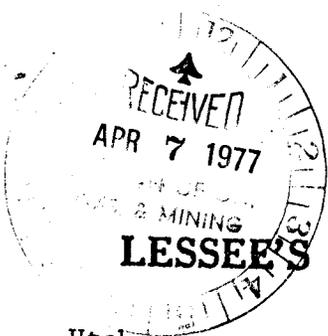
Phone (303) 292-1400 Signed J.J. Johnson  
Agent's title J.J. Johnson, Engineering Assistant

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)
Sec. 28 SW 1/4 NW 1/4	7S	22E	RWU 107	(12-28A)	Monthly Activity					
1/1 - 1/5/77					Drill on retainer at 5760'.					
1/6					Drilled out retainer, washed to 5791'.					
1/9					Drilled out retainer at 5824 & 5844.					
1/10					RIH w/csg scraper.					
1/12					RIH to run CBL - 6379 to 5900'.					
1/13					RIH w/tbg pkr set at 6250'.					
1/15					RIH w/Oil Well Perforators					
1/16					Perforated 6342-49, 6326-39, 2 shots/ft. Acidized perfs w/1500 gal 15% HCl.					
1/18					RU swabbing unit.					
1/19					Swabbing - testing - 16 BO, 5 BW, 1.0 MMCFD.					
1/20					Testing - 50 BO, 26 BW, 1 MMCFD					
1/21					Shut in 72 hr BHP test.					
1/26					Prep to swab					
1/27					Swabbing					
1/30					Swabbing - released swabbing unit					
1/31					Evaluating well.					

- 3 - USGS
- 2 - State
- 3 - Partners
- 1 - JCB
- 1 - EDB/WBH
- 1 - File

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.

LAND OFFICE \_\_\_\_\_  
LEASE NUMBER U-0558  
UNIT \_\_\_\_\_

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

P

State Utah County Uintah Field Red Wash Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1977,

Agent's address P. O. Box 599 Company Chevron U.S.A. Inc.  
Denver, Colorado 80201

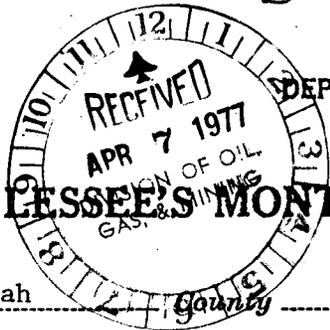
Phone (303) 292-1400 Signed J.J. Johnson  
Agent's title J.J. Johnson, Engineering Assistant

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE 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)
Sec. 28 SW 1/4 NW 1/4	7S	22E	RWU 107	(12-28A)	Monthly Activity					
				2/1/77	Evaluating					
				2/8	Prep to frac.					
				2/9	Prep to acidize.					
				2/10	Frac perms 6326-49 w/50,000 gal 3% HCl and 95,000# 20/40 sand.					
				2/13	RU swabbing unit. Swabbing.					
				2/14	Clean out to 5887					
				2/15	Clean out with foam & N2.					
				2/16	Pumped 5000 gal 3% HCl.					
				2/17	Prep to swab.					
				2/22-23	Swabbing					
				2/24-28	Evaluating					

- 3 - USGS
- 2 - State
- 3 - Partners
- 1 - JCB
- 1 - EDB/WBH
- 1 - File

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

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

LAND OFFICE \_\_\_\_\_  
LEASE NUMBER U-0558  
UNIT \_\_\_\_\_

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

P

State Utah County Garfield Uintah Field Red Wash Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1977,

Agent's address P. O. Box 599 Company Chevron U.S.A. Inc.

Denver, Colorado 80201 Signed J.J. Johnson

Phone (303) 292-1400 Agent's title J.J. Johnson, Engineering Assistant

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE 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)
Sec. 28 SW 1/4 NW 1/4	7S	22E	RWU 107	(12-28A)	Monthly Activity					
3/1				Evaluating						
3/16				Treated perms w/8000 gals			Rangely Crude.			
3/17-22				Swabbing						
3/29				Ran rods & pumps.						
3/30				Placed on production.						
3/31				Produced	19 BO, 11 BW,		GOR 1.7/1			
4/3				Produced	10 BO, 2 BW,		GOR 2.9/1			
Present Status:										
Testing and evaluating for possible further workover.										
3 - USGS										
2 - State										
1 - JCB										
3 - Partners										
1 - EDB-WBH										
1 - File										

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**

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

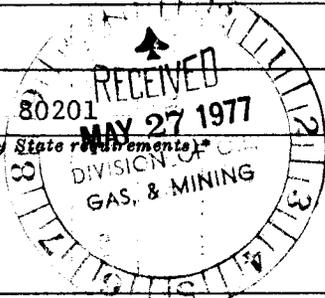
**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_ Well remains as an Oil Producer

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)\*  
At surface 1974' FNL & 568' FWL (SW $\frac{1}{4}$ NW $\frac{1}{4}$ )  
At top prod. interval reported below  
At total depth \_\_\_\_\_



5. LEASE DESIGNATION AND SERIAL NO.  
U-0558  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME \_\_\_\_\_  
7. UNIT AGREEMENT NAME  
Red Wash Unit  
8. FARM OR LEASE NAME  
Red Wash Unit  
9. WELL NO.  
107 (12-28A)  
10. FIELD AND POOL, OR WILDCAT  
Red Wash Field  
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
S 28, T7S, R22E, SLB&M  
12. COUNTY OR PARISH  
Uintah  
13. STATE  
Utah

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SPUDDED 12 Aug 1959 16. DATE T.D. REACHED 9 Sept 1959 17. DATE COMPL. (Ready to prod.) 31 Oct 1959 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* KB 5350 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD 6450 21. PLUG, BACK T.D., MD & TVD new 6410 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY ROTARY TOOLS Yes CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
6329-6349 25. WAS DIRECTIONAL SURVEY MADE? \_\_\_\_\_

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CBL (6379-5900) 27. WAS WELL CORDED? \_\_\_\_\_

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
Original 10-3/4	40.5#	240.58'	15"	180 sxs Ideal	
7"	23#	6344'	8-3/4"	375 sxs Ideal	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	6250	6250

31. PERFORATION RECORD (Interval, size and number)  
New perfs  
6342-49 2 shots/ft.  
6326-39

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6326-49	50,000 gal PSD, 95,000# 20/40 sand. 5000 gal 3% HCl 1500 gal 15% HCl

33.\* PRODUCTION

DATE FIRST PRODUCTION 31 Oct 1959 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-16-77	24	3/8"	→	11	15	3	1364/1

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→				30

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used on lease TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS \_\_\_\_\_

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.  
SIGNED J. J. Johnson TITLE Engineering Assistant DATE 5-25-77

\*(See Instructions and Spaces for Additional Data 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

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

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1974 FNL & 568' FWL (SW $\frac{1}{4}$ , NW $\frac{1}{4}$ )  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-0558

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.  
107(12-28A)

10. FIELD OR WILDCAT NAME  
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 28, T7S, R22E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.

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) Recomplete

**RECEIVED**

APR 01 1983

**DIVISION OF  
OIL, GAS & MINING**

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

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

It is proposed to recomplete this well to the Green River formation. A bridge plug will be set above wasatch perforations. Green River perforations and sands will be pump tested; J<sub>E</sub> and K sands will be swab tested. A bridge will be set to exclude water if necessary.

No new perms are to be added.

Current production is 2 BOPD and 117 BWPD.

**No additional surface disturbance 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 March 29, 1983

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

**RWU NO. 107 (12-28A)**  
**RED WASH/WEST AREA**

**WORKOVER PROCEDURES**

1. MI & RU.
2. NU BOPE and POOH w/tbg (if tbg won't sting out of pkr, cut tbg off right above pkr).
3. CO to 6,250 (T/Baker Model "DB" Retainer Production Packer).
4. Set CIBP @ +6,230 and cap w/5' cmt.
5. Pressure test squeezed K<sub>A</sub> perfs 5,852-97 to 500 psi (note squeezed perfs @ 5,830).
6. Isolate K notches 5,772-5,802 (set pkr @ +5,750, RBP @ +5,835) and establish an injection rate w/produced water. Check for communication w/J<sub>E</sub> notch 5,736. If communication occurs, isolate J<sub>E</sub>, K notches 5,736-802 and establish an injection rate w/produced water.
7. If communication didn't occur in Step 6, isolate J<sub>E</sub> notch 5,736 and establish an injection rate w/produced water. If communication occurred, omit this step.
8. Isolate J notch 5,637 and establish an injection rate w/produced water.
9. Swab test J<sub>E</sub>, K notches 5,736-5,802 together if communication occurred in Step 6. If communication didn't occur in Step 6, swab test K notches 5,772-5,802, then swab test J<sub>E</sub> notch 5,736. Notify Denver w/results.
10. Depending on results of Steps 5 and 9, a CIBP will either be set @ +5,845, +5,760, or +5,715, or will not be set at all. Per consultation w/Denver, set CIBP @ specified depth and cap w/5' cmt.
11. RIH w/production string and turn well over to RW 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 ~~well 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: 1974' FNL & 568' FWL SWNW  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

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

5. LEASE U-0558	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME Red Wash	
8. FARM OR LEASE NAME	
9. WELL NO. 107 (12-28A)	
10. FIELD OR WILDCAT NAME Red Wash	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28, T7S, R22E	
12. COUNTY OR PARISH Uintah	13. STATE Utah
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) GL 5338'	

(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.)\*

Please cancel Chevron's Sundry Notice to recomplate well to the Green River Formation dated March 25, 1983, approved April 7, 1983.

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

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

SIGNED J. J. Luman TITLE Engineering Asst. DATE September 13, 1984

(This space for Federal or State office use)

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

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

**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 ~~well 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: 1974' FNL & 568' FWL SWNW  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

5. LEASE  
U-0558

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.  
107 (12-28A)

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 28, T7S, R22E

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

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
GL 5338'

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) Returned to Production

SUBSEQUENT REPORT OF:

**RECEIVED**

**OCT 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.)\*

Fish was recovered and well was returned to production. (Work done 9/17-27/84).

1. MIR & RU. ND wellhead. NU BOPE.
2. RIH w/work string to top of fish at 5665'.
3. Worked on well and recovered fish.
4. RIH w/bit and casing scraper to 6225'.
5. RIH w/RTTS packer, set at 5601' and tested casing to 500 psi. Held ok. POOH.
6. ND BOPE. NU tree.
7. RIH w/production string to 5840'. Packer at 6250'.
8. ND BOPE. NU tree.

- 3 - BLM
- 2 - State
- 3 - Partners
- 1 - LRH
- 1 - LJT
- 1 - Sec. 724C
- 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 *J. Johnson* TITLE Engineering Asst. DATE Oct. 25, 1984

(This space for Federal or State office use)

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

RWU 107 (12-28A) (Continued)

- 9. RIH w/pump and rods.
- 10. Turned well over to production.

Status:	<u>Date</u>	<u>BOPD</u>	<u>BWPD</u>
	10/3/84	25	639
	10/4/84	38	649
	10/5/84	27	654
	10/6/84	26	698
	10/7/84	24	655

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL  
(Other instructions  
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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		<b>RECEIVED</b>  <b>AUG 19 1985</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-0558</b>
2. NAME OF OPERATOR <b>Chevron U.S.A. Inc.</b>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <b>P. O. Box 599, Denver, CO 80201</b>		7. UNIT AGREEMENT NAME <b>Red Wash</b>		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with an approved map. See also space 17 below.) At surface <b>1974' FNL &amp; 568' FWL (SW NW)</b>		9. WELL NO. <b>107 (12-28A)</b>		10. FIELD AND POOL, OR WILDCAT <b>Red Wash</b>
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, CR, etc.) <b>GL: 5338'</b>		11. SEC., T., R., H., OR BLK. AND SUBSET OR AREA <b>Sec. 28, T7S, R22E</b>
		12. COUNTY OR PARISH <b>Uintah</b>		13. STATE <b>Utah</b>

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"/>	PLUG OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input checked="" type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

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

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

It is proposed to exclude the Wasatch and the Green River "K" sands and open the I<sub>g</sub> sands; and fracture stimulate I<sub>E</sub>, J, and J<sub>E</sub> sands per the attached procedure.

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

DATE: 8/20/85  
BY: John R. Bay

3-BLM  
3-STATE  
1-FF  
3-SLI  
1-LLK

Federal approval of this action  
is required before commencing  
operations.

18. I hereby certify that the foregoing is true and correct  
SIGNED R. J. Mulpatrick TITLE Permit Coordinator DATE August 14, 1985

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

RWU 107 (12-28A)  
RED WASH UNIT/WEST AREA  
FRACTURE STIMULATION PROPOSAL

RECEIVED

AUG 19 1985

DIVISION OF OIL  
GAS & MINING

PROCEDURE:

1. MIR and RU.
2. N/D wellhead. N/U Chevron Class III BOPE and test.
3. POOH with sub pump.
4. RIH with bit and scraper to "DB" packer @ 6250'. (Note: possible fill or junk at 6225'. Do not rotate with scraper in hole.)
5. R/U and test lubricator. W/L set CICR at  $\pm 6200'$ .
6. RIH with stinger. Attempt to cement squeeze Wasatch perms 6326-49' with 150 sxs Class "G" cement tailored for depth and temp. Leave 20 feet of cement on retainer. (Note: If injection cannot be established through retainer POOH with stinger and cap retainer with 10 feet of cement with W/L bailer.)
7. R/U lubricator and test. Perforate the following intervals with 4" casing guns at 2 spf. (Correlate to Schlumberger IES Log dated 9/6/59 Run #1.)

<u>Interval</u>	<u>Feet</u>
5535-40'	5
5630-40'	10
5730-40'	10
	<hr/>
	25 feet - 50 shots

8. RIH with retrievable packer. Set same at  $\pm 5755'$ . Pump into perms at 5772'. Check blank 5772'-5740'.
  - a. If blank is competent, W/L set CIBP at  $\pm 5755'$ . Continue at step 9.
  - b. If blank fails, W/L set CIBP at  $\pm 5680'$ . Go to step 12.
9. RIH with RBP and packer. Test tools and tubing to 3500 psi in blank. Isolate perms 5730-40' and B/D with filtered 2% KCl fluid.
10. Repeat step 9 for perms 5630-40'.
11. Isolate perms 5630'-5740'. Fracture stimulate interval 5630'-5740' down 2-7/8" tubing as detailed on stimulation program for Zone #1. Keep annulus full during stimulation. Go to step 14.
12. RIH with RBP and packer. Test tools and tubing to 3500 psi in blank. Isolate perms 5630-40' and B/D with filtered 2% KCl fluid.
13. Fracture stimulate interval 5630-40' down 2-7/8" tubing as detailed on stimulation program for Zone #1b. Keep annulus full during stimulation.

RWU 107 (12-28A)  
RED WASH UNIT/WEST AREA  
FRACTURE STIMULATION PROPOSAL

PROCEDURE: (Cont'd)

14. SWI and allow gels to break.
15. Release packer. C/O sand to RBP and retrieve same.
16. Isolate interval 5535-40' with RBP and packer. B/D perfs with filtered 2% KCl fluid.
17. Fracture stimulate perfs 5535-40' down 2-7/8" tubing as detailed on stimulation program for Zone #2. Press annulus to 1000 psi during stimulation.
18. SWI and allow gels to break.
19. Release packer. C/O sand to RBP and retrieve same.
20. RIH with notched collar and C/O to CIBP at 5680' or 5755', per step 8.
21. RIH with production string. BAC @ ±5460', PSN @ ±5490', GA @ ±5520'.
22. N/D BOPE. N/U wellhead.
23. RIH with rods and pump. TWOTP.

*L Lee*  
*7/23/84*

RWU #107 (12-28A)  
 SW $\frac{1}{4}$ -NW $\frac{1}{4}$ , SEC. 28, T7S, R22E  
 UINTAH COUNTY, UTAH  
 MAY 21, 1985

FRACTURE STIMULATION DETAIL

Fluid System: Nowsco BetaGel-35 (or equivalent) with filtered 2% KCl water containing:

<u>Additive</u>	<u>Concentration</u>
NWP-12 Gelling Agent	35 lb/m
NCA-329 Crosslinker	2 gal/m
NPH-301 Buffer	2.5 lb/m
NPH-303 Buffer	1 lb/m
NBW-101 Breaker, Water	1 lb/m (est.)
NBW-104 Breaker aid	1 gal/m (est.)
NBA-575 Bactericide	0.2 gal/m
NFL-72 Oil soluble fluid loss agent	40 lb/m (Pad only)
NNE-257N Non-emulsifier	1 gal/m

Stimulation Treatment - Zone #1: Perfs 5630'-40', 5730'-40'  
 (32 ft gross, 20 ft net, 40 holes +  
 2 abrasijet slots)

1. Rig up service company to fracture stimulate down 2-7/8" tubing.
2. Conduct safety meeting with all personnel on location.
3. Pressure test all surface lines to  $\pm 5500$  psi.
4. Fracture treat perfs 5630'-40' and 5730'-40' with 12,500 gal. Nowsco BetaGel-35 (or equivalent) carrying 22,000 lb. 20/40 mesh sand in two stages as follows:

<u>Step</u>	<u>Event</u> (gal.)	<u>Volume</u>	<u>Fluid</u>	<u>Sand Concentration</u> (ppg.)	<u>Sand Type</u> (mesh)	<u>Sand Weight</u> (lb.)
1.	Prepad	1,000	2% KCl	--	--	--
2.	SIS	475	1 drum T-55 mixed with 10 bbl. 2% KCl	--	--	--
3.	Prepad	1,000	2% KCl	--	--	--
4.	PAD	3,000	BetaGel-35	40 lb/m NFL-72	FLA	
5.	SLF	1,000	BetaGel-35	1	20/40	1,000
6.	SLF	1,000	BetaGel-35	2	20/40	2,000
7.	SLF	1,000	BetaGel-35	3	20/40	3,000
8.	SLF	1,000	BetaGel-35	5	20/40	5,000
9.	Div.	500	2% KCl	100 lb. rock salt and 50 lb. BAF		
10.	Repeat steps 1 through 3.					
11.	PAD	1,500	BetaGel-35	--	--	--
12.	Repeat steps 5 through 8.					
13.	*Flush	$\pm 1,369$	2% KCl	--	--	--

\*Flush to top perforation.

RWU #107 (12-28A)  
 SW $\frac{1}{4}$ -NW $\frac{1}{4}$ , SEC. 28, T7S, R22E  
 UINTAH COUNTY, UTAH  
 MAY 21, 1985

Stimulation Treatment - Zone #1: (Cont'd)

Total Fluid Pumped: 19,319 gal. (460 bbl.)  
 Total Sand Pumped: 22,000 lb. 20/40 mesh

Maximum Pressure: 5,000 psi      Estimated Pressure: 2,500 psi  
 Maximum Rate: 10 bpm              Estimated Rate: 10 bpm  
 Maximum HHP: 1,225 hhp            Estimated HHP: 613 hhp

Estimated Discounted Cost: \$8,900

Stimulation Treatment - Zone #2: Perfs 5535'-40'  
 (12 ft gross, 5 ft net, 10 holes)

1. Rig up service company to fracture stimulate down 2-7/8" tubing.
2. Conduct safety meeting with all personnel on location.
3. Pressure test all surface lines to  $\pm$ 5500 psi.
4. Fracture treat perfs 5535'-40' with 6,500 gal. Nowsco BetaGel-35 (or equivalent) carrying 12,500 lb. 10/20 mesh sand as follows:

Event	Volume (gal.)	Fluid	Sand Concentration (ppg.)	Sand Type (mesh)	Sand Weight (lb.)
Prepad	1,000	2% KCl	--	--	--
SIS	475	1 drum T-55 mixed with 10 bbl. 2% KCl	--	--	--
Prepad	1,000	2% KCl	--	--	--
PAD	2,000	BetaGel-35	40 lb/m	NFL-72 FLA	
SLF	1,000	BetaGel-35	1	10/20	1,000
SLF	1,000	BetaGel-35	2	10/20	2,000
SLF	1,500	BetaGel-35	3	10/20	4,500
SLF	1,000	BetaGel-35	5	10/20	5,000
*Flush	1,346	2% KCl	--	--	--

\*Flush to top perforation.

Total Fluid Pumped: 12,321 gal. (286 bbl.)  
 Total Sand Pumped: 12,500 lb. 10/20 mesh

Maximum Pressure: 5,000      Estimated Pressure: 2,400 psi  
 Maximum Rate: 10 bpm          Estimated Rate: 10 bpm  
 Maximum HHP: 1,225 hhp        Estimated HHP: 588 hhp

Estimated Discounted Cost: \$5,300

RWU #107 (12-28A)  
 SW $\frac{1}{4}$ -NW $\frac{1}{4}$ , SECTION 28, T7S, R22E  
 UINTAH COUNTY, UTAH

Stimulation Treatment - Zone #1b: Perfs 5630'-40'  
 (16 ft gross, 10 ft net,  
 20 holes + 1 abrasijet slot)

1. Rig up service company to fracture stimulate down 2-7/8" tubing.
2. Conduct safety meeting with all personnel on location.
3. Pressure test all surface lines to  $\pm 5500$  psi.
4. Fracture treat perfs 5630'-40' with 6,500 gal. Nowco BetaGel-35 (or equivalent) carrying 12,500 lb. 10/20 mesh sand as follows:

<u>Event</u>	<u>Volume</u> (gal.)	<u>Fluid</u>	<u>Sand</u> <u>Concentration</u> (ppg.)	<u>Sand</u> <u>Type</u> (mesh)	<u>Sand</u> <u>Weight</u> (lb.)
Prepad	1,000	2% KCl	--	--	--
SIS	475	1 drum T-55 mixed with 10 bbl. 2% KCl	--	--	--
Prepad	1,000	2% KCl	--	--	--
PAD	2,000	BetaGel-35	40 lb/m NFL-72 FLA		
SLF	1,000	BetaGel-35	1	10/20	1,000
SLF	1,000	BetaGel-35	2	10/20	2,000
SLF	1,500	BetaGel-35	3	10/20	4,500
SLF	1,000	BetaGel-35	5	10/20	5,000
*Flush	1,369	2% KCl	--	--	--

\*Flush to top perforation.

Total Fluid Pumped: 10,344 gal. (246 bbl.)  
 Total Sand Pumped: 12,500 lb. 10/20 mesh

Maximum Pressure: 5,000	Estimated Pressure: 2,400 psi
Maximum Rate: 10 bpm	Estimated Rate: 10 bpm
Maximum HHP: 1,225 hhp	Estimated HHP: 588 hhp

Estimated Discounted Cost: \$5,300

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

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

4  
5

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, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any well agreements.  
See also space 17 below.)  
At surface  
1974' FNL & 568' FWL (SW $\frac{1}{4}$ , NW $\frac{1}{4}$ )

RECEIVED

SEP 18 1985

DIVISION OF OIL  
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
U-0558

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.  
107 (12-28A)

10. FIELD AND POOL, OR WILDCAT  
Red Wash

11. SEC., T., R., N., OR BLK. AND  
SUBVY OR AREA  
Sec. 28, T7S, R22E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether SP, ST, OR, etc.)  
GL: 5338'

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 COMPLETION <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(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.)\*

Work began August 27, 1985, to squeeze cmt. the Wasatch and lower Green River perms in RWU #107 (12-28A) and open the Upper Green River intervals.

- Moved in and rigged up Gudac Well Service pulling unit. ND WH. NU and tested BOPE. POOH w/ sub pump. Ran in hole w/ bit and scraper to 6220'. Set CICR at 6202'. Could not pump in. Dump bailed 10' of cmt. on top of CICR at 6202'.
- Perforated Green River intervals 5535'-40', 5630'-40' and 5730'-40' with 2 cjpf. Set CIBP at 5755'. PBTB: 5755'.
- Fracture treated perms 5630'-5640' & 5730'-5740' with 12,500 gals gel wtr. and 22,000# sand. Acidized perms 5535'-5540' w/ 500 gals 15% HCL. Fracture treated perms 5535'-5540' w/ 11,218 gals gel wtr. and 6700# sand. Cleaned out well to PBTB (5755'). Ran tubing. ND BOPE. NU WH. Ran pump and rods. RDMO pulling unit.

Work completed September 4, 1985.

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

SIGNED *R. G. Patrick* TITLE Permit Coordinator DATE Sept. 16, 1985

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

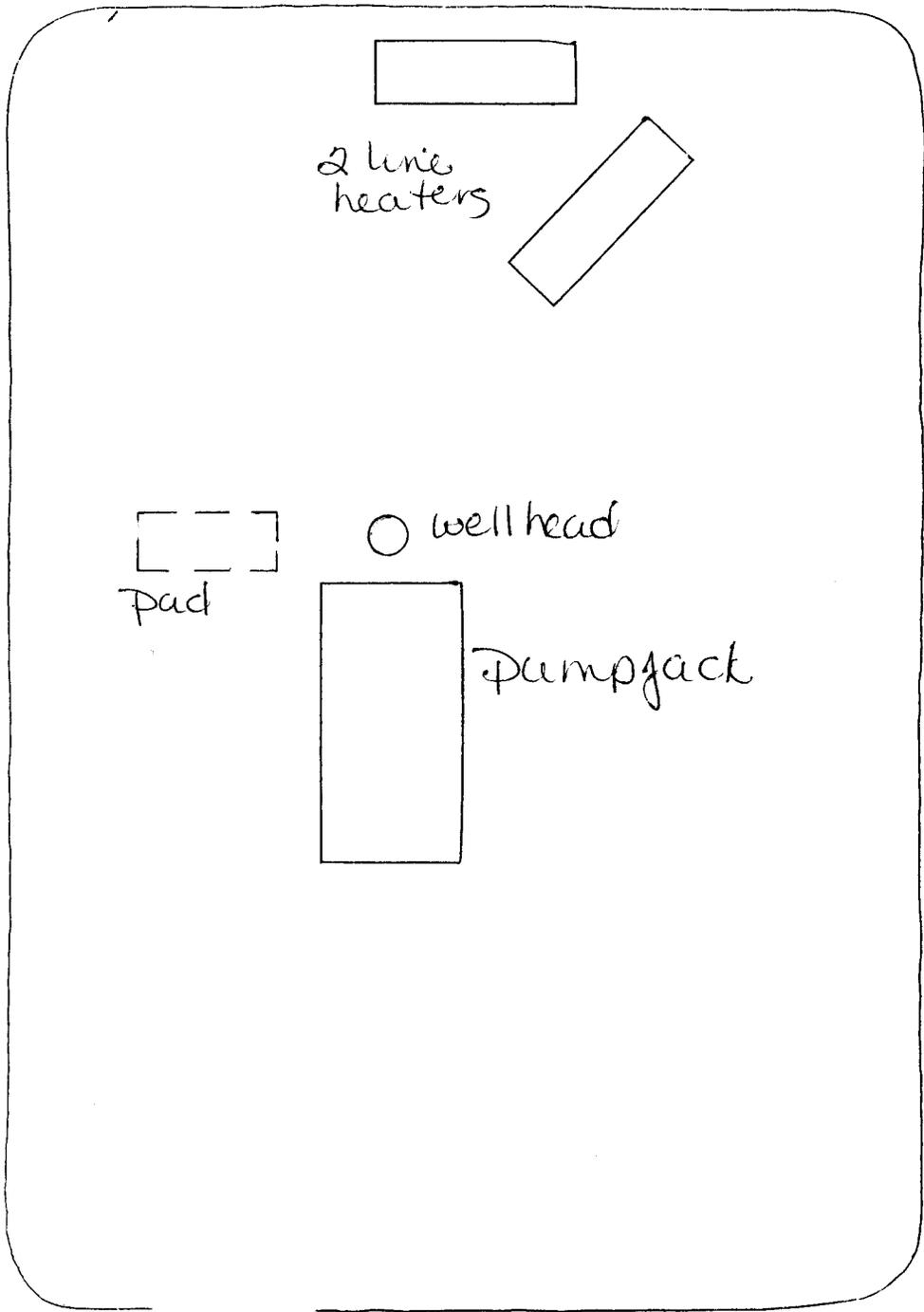
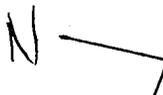
\*See Instructions on Reverse Side

15225

RWU 107

Sec 28, TFS, R22E

Chubly 5/8/89



MICROFICHE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.  
~~U-0806~~ U-0558

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
RWU #107 (12-28A)

9. API Well No. 15025  
43-047-30025

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

11. County or Parish, State  
Uintah, Utah

SUBMIT IN TRIPLICATE

1. Type of Well  
Oil  Gas   
Well  Well   Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1974 FSL  
1992 FSL, 665 FWL, SEC. 13, T8S, R21E  
508 FWL 75 28E

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

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

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

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

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

RECEIVED

FEB 18 1993

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
Signed Steve Hough Title Oper. Assistant Date 02/10/93

(This space for Federal or State office use)

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



**Chevron U.S.A. Inc.**  
P.O. Box 455, Vernal, UT 84078 • Phone (801) 789-2442

**FEBRUARY 15, 1993**

**ANNUAL REPORT OF  
SHUT-IN WELLS  
WONSITS VALLEY STATE/FEDERAL UNIT  
UINTAH COUNTY, UTAH**

**BUREAU OF LAND MANAGEMENT  
170 SOUTH 500 EAST  
VERNAL, UT 84078**

**GENTLEMEN:**

Enclosed, please find the annual report of shut-in wells in Red Wash Unit. If you have any questions, please call the above address.

**Sincerely,**

---

**J.T. CONLEY  
AREA OPERATIONS SUPERVISOR**

sdm  
Enclosures

cc: State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

**RECEIVED**

**FEB 18 1993**

**DIVISION OF  
OIL GAS & MINING**



**Chevron U.S.A. Inc.**  
P.O. Box 455, Vernal, UT 84078 • Phone (801) 789-2442

**FEBRUARY 15, 1993**

**ANNUAL REPORT OF  
SHUT-IN WELLS  
RED WASH UNIT  
UINTAH COUNTY, UTAH**

**BUREAU OF LAND MANAGEMENT  
170 SOUTH 500 EAST  
VERNAL, UT 84078**

**GENTLEMEN:**

Enclosed, please find the annual report of shut-in wells in Red Wash Unit. If you have any questions, please call the above address.

**Sincerely,**

  
\_\_\_\_\_  
**J.T. CONLEY  
AREA OPERATIONS SUPERVISOR**

sdm  
Enclosures

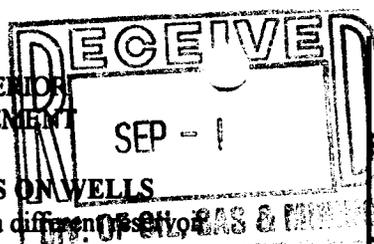
cc: State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203  
  
Buttram Energies, Inc.  
6303 Waterford Boulevard, Suite 220  
Oklahoma City, OK 73116

**RECEIVED**

**FEB 18 1993**

**DIVISION OF  
OIL GAS & MINING**

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 section.  
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.  
**U-0558**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**RWU #107 (12-28A)**

9. API Well No.  
**43-047-15225**

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

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Gas   
 Well  Well  Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
*1974 ENL*  
**654' FSL, 568' FWL, Sec. 28, T7S/R22E**

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

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

**TA approval is requested for this well, pending evaluation of continued oil production potential, gas recompletion potential or conversion to a secondary use.**

14. I hereby certify that the foregoing is true and correct.  
Signed *Chana Hough* Title Operations Assistant Date 08/25/94

(This space for Federal or State office use)

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

Conditions of approval, if any

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**DIVISION OF OIL, GAS & MINING**

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

Lease Designation and Serial No.  
**U-0558**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**RWU #107 (12-28A)**

9. API Well No.  
**43-047-15225**

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

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

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)  
**107th PNL  
664' FSL, 568' FWL, Sec. 28, T7S/R22E**

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

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

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

**TA approval is requested for this well, pending evaluation of continued oil production potential, gas recompletion potential or conversion to a secondary use.**

14. I hereby certify that the foregoing is true and correct.  
Signed *Diana Hough* Title Operations Assistant Date 08/25/94

(This space for Federal or State office use)

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

Conditions of approval, if any

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
SEP 27 1995  
DIV. OF OIL, GAS & MINING

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 formation.  
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.  
U-558

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

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

8. Well Name and No.  
RED WASH UNIT 107 (12-28A)

9. API Well No.  
43-047-15225

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

11. County or Parish, State  
UINTAH, UTAH

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil  Gas   
 Well  Well  Other

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

3. Address and Telephone No.  
11002 E. 17500 S. VERNAL, UT 84078-8526  
Steve McPherson in Red Wash (801) 781-4310  
or Gary Scott in Rangely, CO. (970) 675-3791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
654 FSL & 568' FWL (SW NW) SECTION 28, T7S, R22E, SLBM

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

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

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

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

**WE ARE REQUESTING AN EXTENSION OF THE TEMPORARILY ABANDONED STATUS OF THIS WELL.**

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

14. I hereby certify that the foregoing is true and correct.  
Signed G.D. SCOTT *G.D. Scott* Title DRILLING TECHNICIAN Date September 26, 1995

(This space for Federal or State office use)

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

Conditions of approval, if any

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

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

3. Address and Telephone No.  
**11002 E. 17500 S. VERNAL, UT 84078-8526**      Steve McPherson in Red Wash (801) 781-4310  
 or Gary Scott in Rangely, CO. (970) 675-3791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1974 FNL & 568' FWL (SW NW) SECTION 28, T7S, R22E, SLBM**

5. Lease Designation and Serial No.  
**U-0558**

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

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

8. Well Name and No.  
**RED WASH UNIT 107 (12-28A)**

9. API Well No.  
**43-047-15225**

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

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

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

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

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

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

- MIRU. ND WH AND NU BOPE. HOT OIL AS NEEDED AND PULL TUBING STRING AND ESP. NOTE-IF ESP HAS ALREADY BEEN PULLED, IT IS NOT CLEAR FROM THE FILE.
- PU BIT AND SCRAPER AND CLEAN OUT TO ~ 5530'. TOH.
- PERFORATION ISOLATION: SET CIBP AT ~ 5500' AND DUMP BAIL 35' OF CLASS H CEMENT ON TOP. CIRCULATE CLEAN AND DISPLACE WELLBORE TO ~ 4100' WITH 9.2 PPG BRINE.
- OIL SHALE INTERVAL 4175-4370': CEMENT TOP IS AT 4950 BY CBL, SO PERFORATE AT 4420', SET CICR AT 4125' AND SQUEEZE ~ 110 SXS CLASS H CEMENT UNDER CICR. STING OUT, CIRCULATE CLEAN AND DISPLACE WELLBORE TO ~ 3000' USING 9.2 PPG BRINE.
- TOP OF GREEN RIVER FORMATION 3056': PERFORATE AT 3106', SET CICR AT 3006' AND SQUEEZE ~ 40 SXS CLASS H CEMENT UNDER CICR. STING OUT, CIRCULATE CLEAN AND DISPLACE WELLBORE TO SURFACE WITH 9.2 PPG BRINE.
- SURFACE PLUG: PERFORATE AT 300', ESTABLISH CIRCULATION AROUND PRODUCTION/SURFACE CASING ANNULUS AND PUMP ~ 150 SXS CLASS H CEMENT TO FILL SAME.
- CUT OFF WELLHEAD AND INSTALL DRY HOLE MARKER PER BLM GUIDELINES.
- RDMO. REHABILITATE LOCATION PER BLM GUIDELINES.

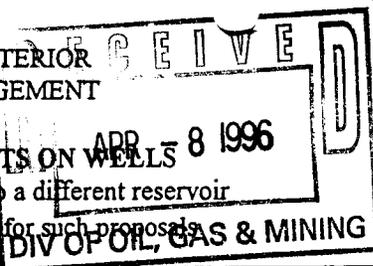
14. I hereby certify that the foregoing is true and correct.  
 Signed G.D. SCOTT *G.D. Scott* Title DRILLING TECHNICIAN Date January 16, 1996

(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.

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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

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

5. Lease Designation and Serial No.  
U-0558

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

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

8. Well Name and No.  
RED WASH UNIT 107 (12-28A)

9. API Well No.  
43-047-15225

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

11. County or Parish, State  
UINTAH, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well  
Oil  Gas   
 Well  Well  Other

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

3. Address and Telephone No.  
11002 E. 17500 S. VERNAL, UT 84078-8526  
Steve McPherson in Red Wash (801) 781-4310  
or Gary Scott in Rangely, CO. (970) 675-3791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1974' FNL & 568' FWL (SW NW) SECTION 28, T7S, R22E, SLBM

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

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)  
DATE OF WORK: 3/26/96 THRU 3/29/96

- MIRU. ND WH AND NU BOPE. HOT OIL.
- PU BIT AND SCRAPER AND CLEAN OUT TO 5656'. TOH.
- SET CIBP AT 5485' AND DUMP BAIL 35' OF CLASS H CEMENT ON TOP. CIRCULATE CLEAN AND DISPLACE WELLBORE WITH 10 PPG BRINE.
- PERFORATE AT 4420', SET CICR AT 4142' AND SQUEEZE 110 SXS CLASS H CEMENT UNDER CICR. STING OUT, PLACE 25 SXS CEMENT ON TOP OF CICR. CIRCULATE CLEAN AND DISPLACE WELLBORE WITH 10 PPG BRINE.
- PERFORATE AT 3384', SET CICR AT 3199' AND SQUEEZE 90 SXS CLASS H CEMENT UNDER CICR. STING OUT, PLACE 25 SXS CEMENT ON TOP OF CICR. CIRCULATE CLEAN AND DISPLACE WELLBORE WITH 10 PPG BRINE.
- PERFORATE AT 286', ESTABLISH CIRCULATION AROUND PRODUCTION/SURFACE CASING ANNULUS AND PUMP 195 SXS CLASS H CEMENT TO FILL SAME.
- CUT OFF WELLHEAD AND INSTALL DRY HOLE MARKER PER BLM GUIDELINES.
- RDMO. NOTIFY FACILITIES TO RECLAIM LOCATION.

Witnessed by Jamie Sparger, Bill Owen, Ray Arnold/BLM

14. I hereby certify that the foregoing is true and correct.  
Signed G.D. SCOTT *G.D. Scott* Title DRILLING TECHNICIAN Date April 3, 1996

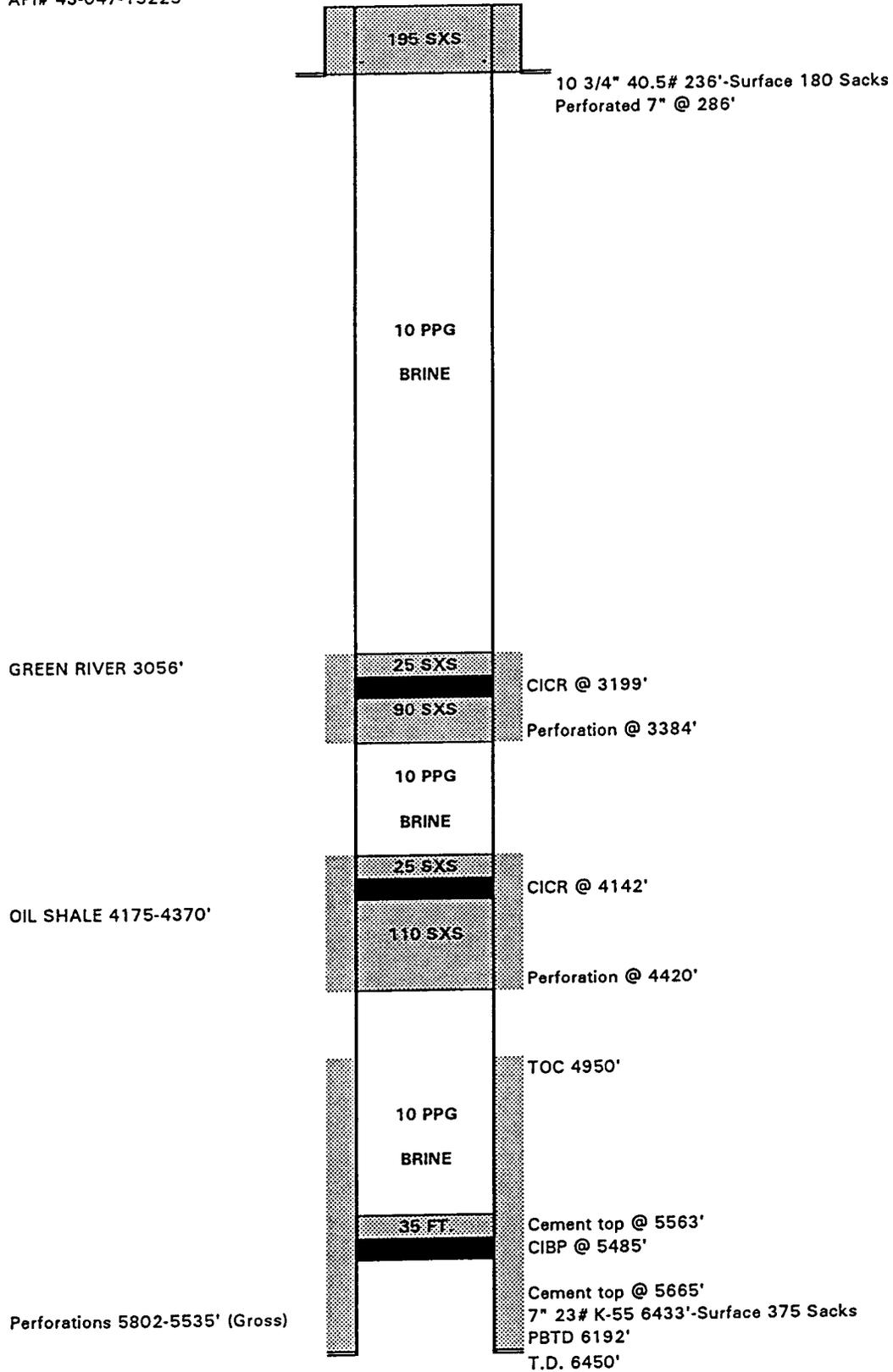
(This space for Federal or State office use)  
Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any \_\_\_\_\_

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.

P&A  
SCHEMATIC

CHEVRON U.S.A. PRODUCTION CO.  
RED WASH UNIT 107  
SW NW SECTION 28, T7S, R22E

FED LEASE U-0558  
API# 43-047-15225





JOB LOG HAL-2013-C

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Chevron		107		Redwash		P&A		949205	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	0600							On Location & rig up Safety Meeting Prime & Test	
								Perfs @ 4420' Retainer @ 4142'	
						300		Test Casing Good	
						1500		Test Tubing Good	
								Mix 135 sacks Cement @ 16.4#/g to set plug @ 4020'-4420'	
	0725	—	⊖					Start Fresh	
		4	10			700		End Fresh injection rate	
			⊖					Start Cement	
			25 1/2					End Cement	
			⊖					Start Displacement w/ brine	
	0740	4	19.2			720		End Displacement	
								POOH w/ Tubing dump 25 sacks	
								RH & Perf @ 3384'	
								RH w/retainer Set @ 3199'	
						300		fill casing & Test Good	
								Mix 115 Sacks Cement @ 16.4#/g to set plug @ 3080'-3384'	
	1210	—	⊖					Start Fresh	
		4	10			340		End Fresh injection rate	
			⊖					Start Cement	
			22					End Cement	
			⊖					Start Displacement w/ brine	
	1225	4	14			320		End Displacement	
								Sting out of retainer & dump 25 sacks on top	
								POOH w/ Tubing	
	1300							Released for day	

WELL DATA

FIELD Redwash SEC. TWP. RNG. COUNTY Uintah STATE Utah

FORMATION NAME TYPE FORMATION THICKNESS FROM TO INITIAL PROD: OIL BPD. WATER BPD. GAS MCFD PRESENT PROD: OIL BPD. WATER BPD. GAS MCFD COMPLETION DATE MUD TYPE MUD WT. PACKER TYPE SET AT BOTTOM HOLE TEMP. PRESSURE MISC. DATA TOTAL DEPTH

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAXIMUM PSI ALLOWABLE. Rows: CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

JOB DATA

Table with columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Includes dates and times for 3-28-96 and 3-29-96.

PERSONNEL AND SERVICE UNITS

Table with columns: NAME, UNIT NO. & TYPE, LOCATION. Lists personnel: S. Frazier (Oper), C. Parrack (PCM 76773), J. Hammer (BULK 3486).

DEPARTMENT Cement DESCRIPTION OF JOB Plug to Abandon Well as instructed

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN. CUSTOMER REPRESENTATIVE X S.W. Kelbut

HALLIBURTON OPERATOR COPIES REQUESTED

CEMENT DATA

Table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT./SK., MIXED LBS./GAL. Includes entries for neat cement and 3% CaCl2.

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING DISPLACEMENT PRES LUSH: BBL.-GAL. TYPE BREAKDOWN MAXIMUM LOAD & BKDN: BBL.-GAL. PAD: BBL.-GAL. AVERAGE FRACTURE GRADIENT TREATMENT: BBL.-GAL. DISPL: BBL.-GAL. SHUT-IN: INSTANT 5-MIN 15-MIN. CEMENT SLURRY: BBL.-GAL. HYDRAULIC HORSEPOWER TOTAL VOLUME: BBL.-GAL. ORDERED AVAILABLE USED AVERAGE RATES IN BPM REMARKS See job log TREATING DISPL OVERALL CEMENT LEFT IN PIPE FEET REASON

FIELD OFFICE

CUSTOMER Chevron USA LEASE Redwash WELL NO. 107 JOB TYPE 2-1 DATE 3-28-96

**JOB LOG** HAL-2013-C

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Chevron USA		107		Redwash		P+ A		949205	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
								on location & rig up	
								RIT & Perf @ 286'	
	0815	—	⊖			—		Pump down 7" & out 10 <sup>3/4</sup> " casing	
		—				—		to establish Circulation	
		4	20			70		Shut down	
								Whipple down hop's	
								Mix 175 sacks cement @ 16.4 <sup>#</sup> /g	
								to set plug in 7" & 7" x 10 <sup>3/4</sup> "	
								Casing from 286' - Surface	
	0950	2	⊖			—		Start Fresh	
			20					End Fresh	
			⊖					Start Cement	
	1010	2	33			30		End Cement	
								Cut off wellhead	
								Mix 20 sacks of Cement to	
								top off plug to Surface	
	1140								

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**

**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 <b>CHANGE OF OPERATOR</b>
	<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 29<sup>th</sup> day of December, 1999

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

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

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

(This space for Federal or State office use)

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

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



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

# RECEIVED

FEB 07 2000

DIVISION OF  
OIL, GAS AND MINING

IN REPLY REFER TO  
UT-931

February 4, 2000

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

Re: Red Wash Unit  
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)

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

UT931:TAThompson:tt:2/4/00

Well Status Report  
Utah State Office  
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: 8920007610								
UTU0566	4304715135	1 (41-26B) RED WASH NENE	26	T	7S	R23E TA		CHEVRON U S A INCORPORATED
UTU082	4304715141	10 (12-23B) RED WASH SWNW	23	T	7S	R23E OSI		CHEVRON U S A INCORPORATED
UTU0559	4304715219	100A (43-21A) RED WA NESE	21	T	7S	R22E WIW		CHEVRON U S A INCORPORATED
UTU0567	4304715220	101 (34-21B) RED WAS SWSE	21	T	7S	R23E POW		CHEVRON U S A INCORPORATED
UTU0561	4304715221	102 (41-24A) RED WAS SENE	24	T	7S	R22E WIW		CHEVRON U S A INCORPORATED
UTU081	4304715222	103 (34-15B) RED WAS SWSE	15	T	7S	R23E TA		CHEVRON U S A INCORPORATED
<del>UTU0559</del>	<del>4304715223</del>	<del>104 (14-22A) RED WAS SWSW</del>	<del>22</del>	<del>T</del>	<del>7S</del>	<del>R22E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU0560</del>	<del>4304716487</del>	<del>105 (32-29A) RED WAS SWNE</del>	<del>29</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU02148</del>	<del>4304715224</del>	<del>106 (12-17C) RED WAS SWNW</del>	<del>17</del>	<del>T</del>	<del>7S</del>	<del>R24E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU0558</del>	<del>4304715225</del>	<del>107 (12-28A) RED WAS SWNW</del>	<del>28</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU0567	4304715226	108 (32-21B) RED WAS SWNE	21	T	7S	R23E POW		CHEVRON U S A INCORPORATED
UTU02025	4304715227	109 (21-28B) RED WAS NENW	28	T	7S	R23E POW		CHEVRON U S A INCORPORATED
UTU0566	4304715142	11 (34-27B) RED WASH SWSE	27	T	7S	R23E WIW		CHEVRON U S A INCORPORATED
UTU0559	4304715228	110 (23-23A) RED WAS NESW	23	T	7S	R22E POW		CHEVRON U S A INCORPORATED
UTU0561	4304715229	111 (32-24A) RED WAS SWNE	24	T	7S	R22E TA		CHEVRON U S A INCORPORATED
UTU0558	4304715230	112 (32-28A) RED WAS SWNE	28	T	7S	R22E POW		CHEVRON U S A INCORPORATED
<del>UTU0558</del>	<del>4304715232</del>	<del>114 (41-28A) RED WAS NENE</del>	<del>28</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU02030	4304715233	115 (21-19B) RED WAS NENW	19	T	7S	R23E POW		CHEVRON U S A INCORPORATED
<del>UTU0558</del>	<del>4304715234</del>	<del>116 (23-28A) RED WAS NESW</del>	<del>28</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU0560</del>	<del>4304716488</del>	<del>117 (14-21A) RED WAS SWSW</del>	<del>21</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU0560	4304715236	119 (43-29A) RED WAS NESE	29	T	7S	R22E POW		CHEVRON U S A INCORPORATED
<del>UTU082</del>	<del>4304716474</del>	<del>12 (41-24B) RED WASH NENE</del>	<del>24</del>	<del>T</del>	<del>7S</del>	<del>R23E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU02025	4304715237	120 (23-28B) RED WAS NESW	28	T	7S	R23E TA		CHEVRON U S A INCORPORATED
UTU081	4304715238	121 (13-13B) RED WAS NWSW	13	T	7S	R23E PGW		CHEVRON U S A INCORPORATED
UTU081	4304715239	122 (24-14B) RED WAS SESW	14	T	7S	R23E POW		CHEVRON U S A INCORPORATED
<del>UTSL066446A</del>	<del>4304715240</del>	<del>123 (43-13A) RED WAS NESE</del>	<del>13</del>	<del>T</del>	<del>7S</del>	<del>R22E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU0558</del>	<del>4304715241</del>	<del>124 (14-28A) RED WAS SWSW</del>	<del>28</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU02030	4304715242	125 (34-19B) RED WAS SWSE	19	T	7S	R23E POW		CHEVRON U S A INCORPORATED
UTU0560	4304715243	126 (41-29A) RED WAS NENE	29	T	7S	R22E POW		CHEVRON U S A INCORPORATED
UTU02030	4304715244	127 (12-19B) RED WAS SWNW	19	T	7S	R23E POW		CHEVRON U S A INCORPORATED
<del>UTU0559</del>	<del>4304715245</del>	<del>128 (32-23A) RED WAS SWNE</del>	<del>23</del>	<del>T</del>	<del>7S</del>	<del>R22E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU081	4304715246	129 (14-15B) RED WAS SWSW	15	T	7S	R23E POW		CHEVRON U S A INCORPORATED
UTU081	4304715143	13 (14-22B) RED WASH SWSW	22	T	7S	R23E TA		CHEVRON U S A INCORPORATED
<del>UTSL071965</del>	<del>4304715247</del>	<del>130 (32-27C) RED WAS SWNE</del>	<del>27</del>	<del>T</del>	<del>7S</del>	<del>R24E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU0559</del>	<del>4304715248</del>	<del>131 (41-22A) RED WAS NENE</del>	<del>22</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU0823</del>	<del>4304715249</del>	<del>132 (32-5F) RED WASH SWNE</del>	<del>5</del>	<del>T</del>	<del>8S</del>	<del>R24E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU0566	4304715250	133 (41-34B) RED WAS NENE	34	T	7S	R23E POW		CHEVRON U S A INCORPORATED
<del>UTU02025</del>	<del>4304716489</del>	<del>134 (14-28B) RED WAS SWSW</del>	<del>28</del>	<del>T</del>	<del>7S</del>	<del>R23E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
<del>UTU0116</del>	<del>4304715251</del>	<del>135 (42-18B) RED WAS SWNW</del>	<del>18</del>	<del>T</del>	<del>7S</del>	<del>R23E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU02030	4304715252	136 (43-19B) RED WAS NESE	19	T	7S	R23E TA		CHEVRON U S A INCORPORATED
UTU02030	4304715253	137 (34-28B) RED WAS SWSE	28	T	7S	R23E TA		CHEVRON U S A INCORPORATED
UTU02025	4304715254	138 (41-30B) RED WAS NENE	30	T	7S	R23E POW		CHEVRON U S A INCORPORATED
<del>UTU02025</del>	<del>4304716490</del>	<del>139 (43-29B) RED WAS NESE</del>	<del>29</del>	<del>T</del>	<del>7S</del>	<del>R23E ABD</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU081	4304715144	14 (14-13B) RED WASH SWSW	13	T	7S	R23E WIWSI		CHEVRON U S A INCORPORATED
UTU081	4304715255	140 (24-22B) RED WAS SESW	22	T	7S	R23E POW		CHEVRON U S A INCORPORATED
UTU0566	4304715256	141 (11-27B) RED WAS MNW	27	T	7S	R23E TA		CHEVRON U S A INCORPORATED
<del>UTU0571</del>	<del>4304716491</del>	<del>142 (12-33A) RED WAS SWNW</del>	<del>33</del>	<del>T</del>	<del>7S</del>	<del>R22E P+A</del>		<del>CHEVRON U S A INCORPORATED</del>
UTU081	4304715257	143 (33-14B) RED WAS NWSE	14	T	7S	R23E POW		CHEVRON U S A INCORPORATED

Well Status Report  
Utah State Office  
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
UTU0116	4304715258	144 (21-18B) RED WAS	NENW	18	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715259	145 (24-13B) RED WAS	SESW	13	T 7S	R23E	OSI	CHEVRON U S A INCORPORATED
<del>UTU0559</del>	<del>4304716492</del>	<del>146 (12-21A) RED WAS</del>	<del>SWNW</del>	<del>21</del>	<del>T 7S</del>	<del>R22E</del>	<del>P+A</del>	<del>CHEVRON U S A INCORPORATED</del>
UTU081	4304715260	147 (22-22B) RED WAS	SESW	22	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304715261	148 (13-22B) RED WAS	NWSW	22	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
<del>UTU0571</del>	<del>4304715262</del>	<del>149 (21-33A) RED WAS</del>	<del>NENW</del>	<del>33</del>	<del>T 7S</del>	<del>R22E</del>	<del>P+A</del>	<del>CHEVRON U S A INCORPORATED</del>
UTU02148	4304715145	15 (32-17C) RED WASH	SWNE	17	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU081	4304715263	150 (31-22B) RED WAS	NWNE	22	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715264	151 (42-14B) RED WAS	SENE	14	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
<del>UTU02148</del>	<del>4304716493</del>	<del>152 (41-17C) RED WAS</del>	<del>NENE</del>	<del>17</del>	<del>T 7S</del>	<del>R24E</del>	<del>P+A</del>	<del>CHEVRON U S A INCORPORATED</del>
UTU02025	4304715265	153 (14-29B) RED WAS	SWSW	29	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
STATE	4304716494	154 (41-32B) RED WAS	NENE	32	T 7S	R23E	P+A	CHEVRON USA INC
<del>UTU0571</del>	<del>4304715266</del>	<del>155 (23-33A) RED WAS</del>	<del>NESW</del>	<del>33</del>	<del>T 7S</del>	<del>R22E</del>	<del>P+A</del>	<del>CHEVRON U S A INCORPORATED</del>
UTU081	4304715267	156 (23-15B) RED WAS	NESW	15	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU02025	4304715268	158 (32-30B) RED WAS	SWNE	30	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
<del>UTU0571</del>	<del>4304715269</del>	<del>159 (14-33A) RED WAS</del>	<del>SWSW</del>	<del>33</del>	<del>T 7S</del>	<del>R22E</del>	<del>P+A</del>	<del>CHEVRON U S A INCORPORATED</del>
UTU02030	4304716475	16 (43-28B) RED WASH	NESE	28	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715270	160 (32-15B) RED WAS	SWNE	15	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU02030	4304715271	161 (14-20B) RED WAS	SWSW	20	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU02030	4304715272	162 (12-20B) RED WAS	SWNW	20	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
<del>UTU0570</del>	<del>4304715273</del>	<del>163 (34-33A) RED WAS</del>	<del>SWSE</del>	<del>33</del>	<del>T 7S</del>	<del>R22E</del>	<del>P+A</del>	<del>CHEVRON U S A INCORPORATED</del>
UTU02025	4304715274	164 (12-28B) RED WAS	SWNW	28	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304715275	165 (32-26B) RED WAS	SWNE	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
<del>UTU0562</del>	<del>4304715276</del>	<del>166 (23-14A) RED WAS</del>	<del>NESW</del>	<del>14</del>	<del>T 7S</del>	<del>R22E</del>	<del>ABD</del>	<del>CHEVRON U S A INCORPORATED</del>
UTU0567	4304715277	167 (23-21B) RED WAS	NESW	21	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU082	4304715278	168 (23-24B) RED WAS	NESW	24	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0569	4304715146	17 (41-20B) RED WASH	NENE	20	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304716495	170 (41-15B) RED WAS	NENE	15	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
<del>UTU0570</del>	<del>4304715279</del>	<del>171 (32-33A) RED WAS</del>	<del>SWNE</del>	<del>33</del>	<del>T 7S</del>	<del>R22E</del>	<del>P+A</del>	<del>CHEVRON U S A INCORPORATED</del>
UTU02030	4304715280	172 (21-30B) RED WAS	NENW	30	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0569	4304716496	173 (21-21B) RED WAS	NENW	21	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU0933	4304715281	174 (21-20B) RED WAS	NENW	20	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
<del>UTU0550</del>	<del>4304715282</del>	<del>175 (34-28A) RED WAS</del>	<del>SWSE</del>	<del>28</del>	<del>T 7S</del>	<del>R22E</del>	<del>ABD</del>	<del>CHEVRON U S A INCORPORATED</del>
UTU02030	4304715283	176 (31-28B) RED WAS	NWNE	28	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU02030	4304715284	177 (42-28B) RED WAS	SENE	28	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304715285	178 (22-13B) RED WAS	SESW	13	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
<del>UTU0570</del>	<del>4304715286</del>	<del>179 (43-33A) RED WAS</del>	<del>NESE</del>	<del>33</del>	<del>T 7S</del>	<del>R22E</del>	<del>P+A</del>	<del>CHEVRON U S A INCORPORATED</del>
<del>UTU02149</del>	<del>4304715147</del>	<del>18 (41-19C) RED WASH</del>	<del>NENE</del>	<del>19</del>	<del>T 7S</del>	<del>R24E</del>	<del>ABD</del>	<del>CHEVRON U S A INCORPORATED</del>
UTU082	4304715287	180 (31-23B) RED WAS	NWNE	23	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU02025	4304715288	181 (34-30B) RED WAS	SWSE	30	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0933	4304716497	182 (14-21B) RED WAS	SWSW	21	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715289	183 (33-13B) RED WAS	NWSE	13	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU0566	4304715290	184 (23-26B) RED WAS	NESW	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304716498	185 (41-14B) RED WAS	NENE	14	T 7S	R23E	WIS1	CHEVRON U S A INCORPORATED
<del>UTU02030</del>	<del>4304716499</del>	<del>186 (12-30B) RED WAS</del>	<del>SWNW</del>	<del>30</del>	<del>T 7S</del>	<del>R23E</del>	<del>P+A</del>	<del>CHEVRON U S A INCORPORATED</del>
UTU02030	4304715291	188 (23-20B) RED WAS	NESW	20	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
STATE	4304715292	189 (41-16B) RED WAS	NENE	16	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304715148	19 (34-26B) RED WASH	SWSE	26	T 7S	R23E	GSI	CHEVRON U S A INCORPORATED
<del>UTU0560</del>	<del>4304716500</del>	<del>190 (34-29A) RED WAS</del>	<del>SWSE</del>	<del>29</del>	<del>T 7S</del>	<del>R22E</del>	<del>P+A</del>	<del>CHEVRON U S A INCORPORATED</del>

**ROUTING**

1. GLH	4-KAS
2. CDW ✓	5- <del>PA</del> ✓
3. JLT	6-FILE

**OPERATOR CHANGE WORKSHEET**

Enter date after each listed item is completed

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

Designation of Agent

Operator Name Change (Only)

Merger

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

01/01/2000

**FROM:** (Old Operator):

CHEVRON USA INC  
 Address: 11002 E. 17500 S.  
 VERNAL, UT 84078-8526  
 Phone: 1-(435)-781-4300  
 Account No. N0210

**TO:** ( New Operator):

SHENANDOAH ENERGY INC  
 Address: 11002 E. 17500 S.  
 VERNAL, UT 84078  
 Phone: 1-(435)-781-4300  
 Account No. N4235

**CA No.**

**Unit: RED WASH**

**WELL(S)**

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

**OPERATOR CHANGES DOCUMENTATION**

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

