

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

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- 
- 
- 
- 
- 
- 
- 
- 

*in unit*

12-21-59 *PT*

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State of Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 11-24-59

OW  VTA TA

GW  GS PA

Location Inspected

Bond released State of Fee Land

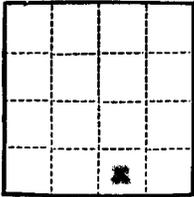
*Recomple Unit*  LOGS FILED

Driller's Log 5-25-60

Electric Logs (No. ) 2

E  I  E-I  GR  GR-N  Micro

Lat  Mi-L  Sonic  Others



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. 9-0339

Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Vernal, Utah ..... October 27, 1959

Well No. (113) 34-15A is located 660 ft. from [N] line and 660 ft. from [E] line of 3 1/4 cor. of 15A

15 (Sec. and Sec. No.) 7E (Twp.) 22E (Range) 31W (Meridian)

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

The elevation of the Red Wash above sea level is 5046.5 ft.

DETAILS OF WORK

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

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

10 3/4" casing to be cemented @ approximately 225'.  
7" casing to be cemented below lowest productive interval with sufficient cement to reach 4000'.

Top Green River 2205'  
"K" Point 4850'  
"K" Point 5505'

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. Chatterton

Title District Superintendent

U-33-1; 3400-1; 3415-1;  
3416-1; 3417-1; 3418-1

COMPLETION REPORT - NEW WELL  
STANDARD OIL COMPANY OF CALIFORNIA

*OTGCC*

FIELD: Red Wash

PROPERTY: Section 15A

WELL NO: 34-15A (113)

Sec. 15 T. 7S R. 22E S.L. B. & M.

LOCATION: 660' E and 660' N of the S 1/4 corner  
Section 15, T7S, R22E, SLBM

LAND OFFICE: Salt Lake City, Utah  
LEASE NO: U-0559

ELEVATION: 5048.5' K.B. ~~5048.5'~~

~~XXXXXX~~ K.B. is 14' above ~~XXXXXX~~ ground

DATE: May 20, 1960

By: *C. V. CHARTERTON* 5/20/60  
Supt. ~~XXXXXXXX~~ Producing Department

DRILLED BY: Warren Bradshaw Drilling Company

DATE COMMENCED DRILLING: November 1, 1959

DATE COMPLETED DRILLING: November 24, 1959

DATE OF INITIAL PRODUCTION: January 2, 1960 *Had as 9 well*

PRODUCTION:	Daily average, 1st	30	days	Gravity	27.6	° API	Pumping	X
	Oil	29	Bbls.	T. P.	150	PSI	Flowing	
	Water	298	Bbls.	C. P.	200	PSI	Gas Lift	
	Gas	25	Mcf.	Bean		164"		

SUMMARY

T.D. 5624'

EFFECTIVE DEPTH: 5568'

CASING: 10-3/4" cmtd @ 207'  
7" cmtd @ 5616'

PERFORATIONS: \*6 - 1/2" bullet holes/ft.  
5570-5574'  
\*4 - 1/2" jet holes/ft.  
5570-5574'  
4 - 1/2" bullet holes/ft.  
5490-5498'; 5527-5532';  
5544-5551'; 5557-5566'.  
\*Sealed with cement

LOGS RUN:  
Schlumberger-IES 5624-surface  
Microlog 5624-2000'  
McCullough Gamma Collar Log 5583-4000'  
McCullough Gamma Tracer Log 5560-4000'

MARKERS: TGR -2800'  
H - 4870'  
I - 5060'  
J - 5369'  
K - 5520'

DST #1 5437-5454  
#2 5253-5265

WELL NO: 34-15A (115)

PROPERTY; Section 15

RED WASH FIELD

Cemented 16" conductor at 36" with 12 sks cement.

Warren Bradshaw moved in, rigged up November 1, 1959

Well spudded in at 4:00 P.M. November 1, 1959.

Ran 206.71 (six jts) 10-3/4" 40.5# J-55 and cemented at 206.71'.

Casing Detail:

Bottom	1.50'	HOWCO guide shoe
Next	191.21'	10-3/4" 40.5# J-55
Top	14.00'	In on landing joint
Total	206.71'	

Cemented 10-3/4" casing at 207' with 175 sax common cement mixed 15.5#/gal & 2% CaCl<sub>2</sub>.  
 Preceded cmt w/10 bbl clear water, followed with 17.5 bbl water. Started mixing 8:10  
 A.M. Cement in place 8:30 A.M. Good returns of about 10 bbl cement.  
 Pressure tested weld on casing head to 2000 psi. Held ok for 1 hr.  
 Closed complete shut-off rams and tested to 1300#. Held ok.

Drl'd 9" hole from 210' to 5624'.  
 Lost approximately 500 bbl. 3160'.  
 Lost 200 bbl mud while drlg 4662-4702'.

November 19, 1959

Ran Schlumberger Induction-Electric Log 5624-to surface, and Microlog 5624 to 2000'.

November 20, 1959

Ran HOWCO straddle tester, set pkrs at 5454', 5437' and 5432'. Opened tool 5:40 AM for  
 5 min IFP, had faint blow. Took 30 min ISIP, opened to sfc at 6:15 AM, faint blow, dead  
 15 min, stayed dead for additional 25 min. Took 30 min FSIP, pulled 7:25 AM, rec 165'  
 all muddy water grading from 3.5 ohm to 2.60 ohm at tool. Charts indicate bottom packer  
 may have leaked 500 psi to FM or UP past packer. Rat hole = 165' in D.C. and is 4.8 ohm

Recorder Data:	IFP	ISIP	FLOW	FSIP	Max Hydro
Top	-	2135	25-50	1850	2670
Middle	-	2100	40-50	1840	2715
Bottom	-		2900-2400		2900

Tool assembly: Reverse sub, dual CIP valve, hydrospring tester, BT case,  
 safety sub, 7-3/4" ESA pkrs.

PRD.

Ran HOWCO straddle tester as above and set packers at 5265, 5253 and 5248'. Attempted  
 DST #2 of interval 5253-5265. Pkr failed and fluid dropped in annulus and pumped in 20  
 bbl mud to fill hole. Rec 3600' rise mud in 4-1/2" D.P. Well started to blow gas cut  
 mud. Circulated thru reverse sub for 1-1/2 hrs to degas mud.

November 21, 1959

Ran 7" 23# J-55 &amp; N-80 casing and cemented at 5616'.

Casing Detail:

Bottom	324.95'	7" 23# N-80 LT&C Pittsburg SmIs. (Includes Baker guide shoe & fillup collar) 8 jts N-80, 130 jts J-55.
Top	5308.51'	7" J-55 Lonestar Elec. weld.
	5633.46'	Preceded cmt with 10 bbls clear water.

Cemented at 5616' with 300 sax common cmt mixed to avg wt 14.7# and 50 sax Latex cmt mixed  
 to 14.5#/gal slurry on end. Started mixing at 12:55, started displacing at 1:26, cmt in  
 place at 1:50 P.M., good circulation throughout, moved pipe 12' while circ before cmtg and

WELL NO: 34-15A (113)

PROPERTY; Section 15

RED WASH FIELD

during displacement. Pipe froze and landed at 5616' w/100,000# on hook in as cmt'd position. (Blocks weigh 20,000#). Plug bumped under 1100 psi. Cut and recovered 28' of 7" casing.

Jewelry - Centralizer 3' above collar on jt #1 & 3' above shoe jt #1, on collars jts 2 - 13 scratchers, on 6' centers on jts 1 - 7, 9 - 12, and on jt #8 - 2 scratchers 6' & 12' from collar jt #2 scratchers on 3' centers bottom 21'.

November 22, 1959

Pressure tested BOPE and tubing check valve. OK.

Ran 138 jts 2-1/2" tbg & bit. Found plug at 5572 - Float at 5573'. Drld out firm cmt to 5583.

Ran McCullough Gamma-Collar Log 5583-4000'. McCullough pickup @ 5584'. McCullough 1' deep. Schlumberger 5500' = 5501'. Ran McCullough gun and shot 6 - 1/2" holes per foot 5570-5574' E-log depth using collars at 5533-1/2', 5493', 5453', 5414', 5375' for reference. Set Baker full bore retainer at 5470'. Pressured up surface lines to 5000 psi, held OK. Pressured up annulus to 2000 psi, bled off to 1500 psi. Attempted to break down holes 5570-5574 under 4900 psi surface pressure with no success.

November 23, 1959

Perforated 4 - 1/2" jet holes/ft 5570-5575 after 4 previous failures.

Attempted to break down perms under 4200 psi for 1/2 hr. Reset pkr at 5564' spotted 500 gal MCA acid and attempted to breakdown perms for two 1/2 hrs at various pressures from 3000 to 4200 psi. Formation finally broke down.

Recemented 7" casing through 44 1/2" bullet and jet holes 5570-5575'. Set Baker retrievable retainer at 5470'. Tested surface lines under 5000 psi. Held OK for 5 min. Pumped away 10 bbl water at 3.5 BPM at 2500 psi. Pumped in 100 sacks Latex cmt mixed to an average 14.8#/gal slurry. Displaced cement with 3 1/4 bbl water to squeeze away an estimated 87 sacks (20.5 bbl) under 4000 psi, final pressure. Bled back 1/2 bbl water and reversed circulation. Did not recover any cement. 35 min mixing and pumping cement to place. Cement in place 9:45 p.m. Used Halliburton cementing equipment.

November 24, 1959

Drilled out cement to 5568'. Found top of cement at 5480' and drilled out cmt to 5568'. Displaced hole fluid with Rangely Crude.

Found top of cement at 5570.5' with McCullough gun Perforated 4 - 1/2" bullet holes/ft 5557-5566', 5544-5551', 5527-5532' and 5490-5498'.

Ran 160 jts tubing and landed at 5003'.

Tubing Detail:

160 joints or 4996' 2-1/2" EUE 6.5# J-55 New Lone Star Electric Weld

Landed 7' below KB

Total 5003'

Pressure tested above hook up with 1200 psi. Held OK.

Pumped 35 bbl Rangely crude in 7" x 10-3/4" annulus.

Crew released at 11:59, November 24, 1959.

December 11, 1959

After drlg rig moved off, HOWCO spotted acid, 500 gals of HCL, and let pickle for 4 hrs. Sand/oil squeezed w/300 bbl burner fuel mixed w/37,800# of sand, 600# Adomite and 38 millicuries of radioactive sand. Maximum pressure 3300 psi. Instant shut-down pressure 1300 psi. Average BPM 36. Displaced w/173 bbls burner fuel.

December 13, 1959

R&R Well Service moved in and rigged up.

December 14, 1959

Cleaned out sand and balls to 5568'.

WELL NO: 34-15A (113)

PROPERTY: Section 15

RED WASH FIELD

December 15, 1959

Ran McCullough Gamma tracer log.

Ran 2-1/2" tubing and landed at 5425'.

Tubing detail:

Bottom	1 jt	28.13	2-1/2" EUE 6.5# J-55 slotted anchor
Next	1 jt	9.91	2-1/2" EUE 6.5# J-55 tubing pup.
Next		1.10	PSW
Next	4 jts	125.20	2-1/2" EUE 6.5# J-55 New Lonestar E.W. tubing.
Next		1.40	Page Anchor
Next		1.00	Safety jt
Next	168 jts	524.36	2-1/2" EUE 6.5# J-55 New Lonestar E.W. tubing.
Top		14.00	Tubing head to KB.
Total		<u>5425.10'</u>	

December 16, 1959

R&amp;R Well Service released.

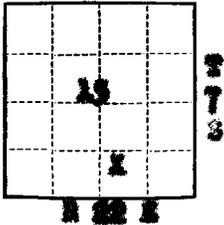
T. R. HULL

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. \_\_\_\_\_

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	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	<b>X</b>	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

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

Vernal, Utah November 21, 1960

Well No. (113) 34-25A is located 660 ft. from WEST line and 1980 ft. from [E] line of sec. 15 A  
SW 1/4 SE 1/4 15 75 22N 36W  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Red Wash Utah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ Kelly Babbins above sea level is 5048 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. Cement squeeze water entry at 5557-5566'.
2. Selectively reperforate by cutting notches at 5544, 5530, 5494.
3. Sand-oil squeeze all perforations.
4. 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 Standard Oil Company of California, Western Operations, Inc.

Address P. O. Box 499  
Vernal, Utah

By C. V. CHRISTENSEN 11/21/60  
Title District Superintendent

WDS, 240-1; OGD-1; GSP-1;  
Calkins-1; JMS-24-1; File-1

*PPD*

RE-COMPLETION ~~ON TUBING~~ REPORT

STANDARD OIL COMPANY OF CALIFORNIA

*O+GCC*

FIELD: Red Wash

PROPERTY: Section 15A

WELL NO: 34-35 A (113)

Sec. 15 T. 7S R. 22E S.L.B. & M.

Following is complete and correct record of all work done on the well since the previous record dated May 20, 1960

PURPOSE OF WORK: Notch and sand-oil squeeze.

DATE OF REPORT: March 15, 1961

BY *PPD*  
C. V. CHATTERTON  
Supt. ~~Production~~ Producing Department

WORK DONE BY: California Production Service

COMMENCED OPERATIONS: November 27, 1960

COMPLETED OPERATIONS: December 12, 1960

DATE WELL LAST PRODUCED: November 27, 1960

DATE RETURNED TO PRODUCTION: December 26, 1960

PRODUCTION:

	PRIOR TO WORK		AFTER WORK	
Oil . . . . .	32	B/D . . . . .	156	B/D
Water . . . . .	258	B/D . . . . .	15	B/D
Gas . . . . .	17	Mcf/D . . . . .	28	Mcf/D
Gravity . . . . .	27.6	°API . . . . .	27.6	°API
Tubing . . . . .	240	PSIG . . . . .	225	PSIG
Casing . . . . .	-	PSIG . . . . .	50	PSIG
Method of Production: Pumping . . . . .	X		X	
Flowing . . . . .				
Gas lift . . . . .				

SUMMARY

T.D.: 5624'

EFFECTIVE DEPTH: 5568'

CASING: 10-3/4" cmtd @ 207'  
7" cmtd @ 5616'

PERFORATIONS: \*6 - 1/2" bullet holes/ft.  
5570-5574'  
\*4 - 1/2" jet holes/ft.  
5570-5574'  
4 - 1/2" bullet holes/ft.  
5490-5498'; 5527-5532';  
5544-5551'; 5557-5566'  
Circular notches @ 5549';  
5530'; 5494'

TUBING: See tubing detail page 4  
of this report

\* Sealed with cement

WELL NO: 34-15A (113)

PROPERTY: Section 15A

RED WASH FIELD

HISTORY

Subject well 34-15A (113) was completed in January 1960, from the J<sub>E</sub> through K<sub>A</sub> sands of the lower Green River formation for 29 B/D oil, 298 B/D water and 25 M/D gas. At the time of completion this was considered to be the capability of this well.

It is proposed to exclude water, notch and sand-oil squeeze this well.

PROGRAM

1. Move in workover rig. Pull rods, kill well and install BOPE. Pull tubing and pump.
2. Run tubing with mill shoe and clean out hole to top of plug at 5570'. Circulate hole full of clean salt water. Talley tubing out of hole.
3. Set drillable cement retainer at 5510'. Establish breakdown and squeeze perforated intervals 5527 to 5566' in up to 100 sack stages with Latex cement. Do not exceed 4200 psi pressure, back up casing with 1000 psi on annulus if possible, do not exceed 3800 psi differential. Use hesitation method, attempt to get 3500 psi final pressure. If unable to obtain 3500 psi final pressure, clear perforations by three bbls, wait four hours and resqueeze. Place four bbls of cement on top of retainer. Pull up 250', reverse circulate tubing clean.
4. Drill out retainer and cement to 5555'. Pressure test cement with full bore packer to 3000 psi.
5. Run Halliburton hydraset tool with collar locator and hydraulic hold down. Locate collars at 5453', 5493' and 5533-1/2' electric log depths. Cut circular notches at 5549', 5530' and 5494'. Reverse circulate out excess sand until returns are clean. Displace salt water with Rangely crude.
6. Pull notching tool out of hole. Sand-oil squeeze down 7" casing using 14,000 gallons (334 bbls) burner fuel and 28,000# 20-40 Ottawa sand. Have available approximately 1800 hydraulic H.P.
  - a. Establish breakdown and rate.
  - b. Pump in 14,000 gallons with 2#/gal sand.
  - c. Flush with 215 bbls burner fuel #5.
7. Run 2-1/2" tubing with notched collar and clean out sand to 5555'.
8. Run 2-1/2" UE 6.5# J-55 tubing with perforated gas anchor, 10' tubing pup, and PSN on bottom. Hang near 5450'.
9. Run rods and pump. Place well on production.

WELL NO: 34-15A (113)

PROPERTY: Section 15A

RED WASH FIELD

WORK DONE

November 27, 1960

California Production Service moved on location and rigged up.

November 28, 1960

Pulled rods and pump. Killed well.

November 29, 1960

Killing well.

November 30, 1960

Pulled production string tubing.

Ran mill shoes, cleaned out fill 5542-5570'.

December 1, 1960

Ran Halliburton drillable cement retainer and set at 5500'.

HOWCO cemented intervals 5527-5566' using 100 sac cement mixed w/Latex. Cemented by hesitation method until final pressure of 3100 psi was reached. Held OK.

Back washed cement out of pipe.

December 4, 1960

Ran bit on 2-1/2" tubing

December 5, 1960

Tagged top of cement @ 5385', drilled retainer and cement out to 5555'. Cement unconsolidated on top of plug.

December 6, 1960

Set retrievable packer at 5510' and pressure tested on scabbed intervals 5527-5566' to 3000 psi.

December 7, 1960

HOWCO cut 3 circular notches using hydraset tool @ 5549, 5530 and 5494'. Used collars 5453, 5493 and 5533-1/2'. All measurements corrected to E log depths. Lowered tools and circulated out sand.

December 8, 1960

HOWCO spotted 200 gals of non-emulsifying penetrating acid (inhibited), got good breakdown. Formation down @ 2600 psi and broke back to 2200 psi.

HOWCO sand-oil squeezed using 334 bbls of burner fuel #5 and 28,000# 20-40 mesh sand, flushed w/215 bbls BF #5.

Maximum pressure	2550 psi, broke back 1900 psi
Final pressure	1100 psi
Average rate	29.3 w/sand

December 9, 1960

Cleaned out sand to T.D.

December 11, 1960

Ran production string tubing and hung at 5432'.

WELL NO: 34-15A (113)

PROPERTY: Section 15A

RED WASH FIELD

## Tubing detail:

2-1/2 EUE Gas Anchor	31.20'
2-1/2 EUE Pup Jt	10.00'
P.S.N.	1.10'
172 Jts 2-1/2 EUE tbg	5375.41'
K.B.	14.00'
Total	<u>5431.71'</u>

December 12, 1960

Ran production string rods and pump. Hung well on.

## Rod detail:

3/4" Plain Rods	42 singles
3/4" Huber Rods	40 singles
7/8" Huber Rods	88 singles
1" Huber Rods	44 singles
Subs 1" 6' - 2'	
Pump #122	
Rig released.	

R. H. SELF

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. U-0559

Unit Red Wash

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

	15		
		X	

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R 22 E

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Vernal, Utah      January 27, 19 64

Well No. (34-15A) 113 is located 660' FNL ft. from NE 1/4 line and 1980' FEL ft. from SW 1/4 line of sec. 15

SW 1/4 SE 1/4 15      7S      22E      MINNESOTA 15M  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

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

The elevation of the Kelly Bushing above sea level is 5048 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 exclude water entry and stimulate production.

1. Drill out cement to 5570'.
2. Perforate casing at 5562 with squeeze jet.
3. Squeeze perfs with 75 sacks latex cement.
4. Selectively surfactant crude oil squeeze perfs 5549 (K), 5530 (K) and 5494 (J<sub>2</sub>).  
Tail-in each squeeze with glass beads.
5. Clean out to FRED and return well to production.

Present Production: 21 BOFPD, 922 BWPD, 24 MCFPD.

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

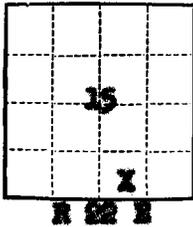
Vernal, Utah

By R. W. PATTERSON

Title Unit Superintendent

USGS, HLC-3; OAGCC, HLC-1; Gulf, Okla. City-1; Gulf, Casper-1; Conkline-1; Hubble-1; Pills-1

*Loch H. L. C.*



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-0579

Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	<b>X</b>
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah

March 31, 1964

Well No. (34-15A) 113 is located 660 ft. from SE line and 1900 ft. from E line of sec. 15

SW 1/4 SE 1/4 15  
(¼ Sec. and Sec. No.)

7E  
(Twp.)

22E  
(Range)

SLM  
(Meridian)

Red Wash  
(Field)

Uintah  
(County or Subdivision)

Utah  
(State or Territory)

Red Wash

The elevation of the ~~surface~~ above sea level is 5048 ft.

DETAILS OF WORK

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

The following well work was performed on the subject well.

1. Drilled out cement to 5567'.
2. Perforated at 5562' with squeeze jet.
3. Circulated blank 5562-5549 with 90 sacks latex cement.
4. Drilled out cement to 5555'. Abrasi-jetted 3 - 60° slots at 5548, 5529 (K) and 5493 (J).
5. Tubing fraasid slots 5569 and 5493.
6. Cleaned out to FRED and returned well to production.

Production: Before - 7 BOPD, 932 BHPD, 16 MW/D.  
After - 27 BOPD, 39 BHPD, 24 MW/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 Unit Superintendent

USGS, SLC-3; OASOC, SLC-1; Gulf, Okla. City-1; Gulf, Casper-1; Caultkins-1; Humble-1; File-1

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Budget Bureau No. 1004-0133  
Expires August 31, 1985

15

**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.)

**RECEIVED**

**JUN 10 1985**

**DEPARTMENT OF OIL  
GAS & MINING**

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 special instructions of OIL GAS & MINING. See also space 17 below.)  
At surface  
SW $\frac{1}{2}$ , SE $\frac{1}{2}$  660' FSL & 1980' FEL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
KB-5048.5'

5. LEASE DESIGNATION AND SERIAL NO.  
U-0559

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash Unit

8. FARM OR LEASE NAME

9. WELL NO.  
RWU 113 (34-15A)

10. FIELD AND POOL, OR WILDCAT  
Red Wash

11. SEC., T., R., E., OR BLK. AND SURVEY OR AREA  
Sec. 15, T7S, R22E

12. COUNTY OR PARISH  
Uinta

13. STATE  
Utah

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

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

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

It is proposed to recomplete this well as a gas well in the Uinta Formation per the attached procedure.

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

DATE: 6/12/85  
BY: John R. Baya

Federal approval of this action is required before commencing operations.

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

SIGNED [Signature] TITLE Permit Coordinator DATE June 6, 1985

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

RWU 113 (34-15A)  
Red Wash Unit/West Area  
Recomplete in Uinta Formation

1. MIR & RU Check well for pressure.
2. N/D well head. N/U BOPE and test.
3. POOH w/killstring
4. Make bit and scraper run to PBD 5555'.
5. RU and test lubricator. Make W/L JB-GR run to  $\pm$  5500'.  
W/L set CICR at 5450'.
6. RIH w/stinger cement squeeze notches at 5549', 5530', and 5494' w/100 sxs Class 'G' cement tailored for depth and temperature. Reverse out and leave 20 feet of cement on top of retainer.
7. R/U and test lubricator. Run CBL-VDL from 2000' to 3000'.
  - A. If CBL indicates no cement across this interval proceed as follows:
    1. Perforate 2575-77' w/4" csg. guns at 2 spf (correlate to Schlumberger IES Log dated 11/19/59).
    2. W/L set CICR at 2550'.
    3. RIH w/stinger. Sting into retainer and establish injection w/csg valve open. If circulation is established cement to surface. If not cement squeeze perfs w/ $\pm$  150 sxs class 'G' cement.
    4. Additional cement squeeze work dependent on results of first squeeze.
    5. Go to step 8.
  - B. If original CBL-VDL in step 7 indicates good bond go to step 8.
8. Hydrotest in hole to 5000 psi w/Baker 'FH' packer and accessories as per attached schematic. Circulate hole w/Packer fluid and freeze blanket.
9. Set packer at 2400' and land tbg. P-test annulus to 1000 psi.
10. N/D BOPE. N/U tree and test.
11. R/U and swab tbg to  $\pm$  2000'.
12. R/U lubricator and P-test. Perforate 2494-2502' w/tbg guns at 2 spf-16 shots. (Correlate to Schlumberger IES Log dated 11/19/59)
13. Flow test well.
14. Stimulation to be determined after flow analysis.
15. RDMOL - TWOTP.

M. Hous  
6/5/85

**WELL DATA SHEET**  
**WU #113 (34-15A)**

TD: 5,624  
PBD: 5,555

GL = 5034.5'  
KB = 5048.5'

Casing Details:

7" 23# N-80 LT&C Including Baker Guide Shoe & F.C.	324.95'
7" 23# J-55 LT&C	5,308.51'
TOTAL	5,633.46'
Above K. B.	17.46'
Casing Landed	5,616.00'

Initial Completion: (12/59)

Perforate 5,570-5,574 w/6-1/2" bullets/ft  
Reperforate 5,570-5,574 w/4-1/2" jets/ft  
Cement Squeeze 5,570-5,574 w/100 sx Latex Cement  
Drill Out Cement to 5,568  
Perforate 5,557-66, 5,544-51, 5,527-32, 5,490-98 w/4-1/2" bullets/ft  
Sand Oil Squeeze Perforations 5,557-66, 5,544-51, 5,527-32 5,490-98  
Production: 2 BOPD, 342 BWP, 25 MCF/D (1/60)

Workover #1

Cement squeezed perforations 5,557-66, 5,544-51, 5,527-32, 5,490-98 (12/1/60)  
Cut 3-60° circulating notches @ 5,549, 5,530, 5,494 w/Halliburton hydrajel  
Tool - 4-3/16" sets (12/7/60)  
Sand oil squeeze perforations 5,549, 5,530, 5,494 (12/8/60)

Prior Production: 32 BOPD, 258 BWP, 17 MCF/D (11/60)  
Production Following Workover #1: 152 BOPD, 70 BWP, 21 MCF/D (1/61)

Workover #2

Acidized notches 5,549, 5,530, 5,494 (10/18/61)

Prior Production: 23 BOPD, 14 BWP, 4.7 MCF/D (9/61)  
Production following Workover #2: 77 BOPD, 200 BWP, 31 MCF/D (11/61)

Workover #3

Acidized notches 5,549, 5,530, 5,494 (5/31/62)

Prior production: 66 BOPD, 138 BWP, 11 MCF/D (4/62)  
Production following Workover #3: 82 BOPD, 232 BWP, 23 MCF/D (6/62)

**WELL DATA SHEET**  
**WU #113 (34-15A)**

**Workover #4**

Acidize notches 5,549, 5,530, 5,494 (7/11/62)

Prior Production: 82 BOPD, 232 BWP, 23 MCF/D (6/62)

Production following Workover #4: 64 BOPD, 402 BWP, 24 MCF/D (8/62)

**Workover #5**

Install BJ down hole electric pump (11/14/63)

Prior production: 11 BOPD, 726 BWP, 22 MCF/D (final tour report: 11/15/63)

Production following Workover #5: 21 BOPD, 922 BWP, 24 MCF/D  
(final tour report: 11/15/63)

**Workover #6**

Perforate 5,562' w/Schlumberger 5-way squeeze jet (2/3/64)

Cement squeezed perforation @ 5,562' (2/3/64)

Drill out cement to 5,555' (2/5/64)

Abrasijetted 3-60° horizontal slots 5,548, 5,529, 5,493 (2/6/64)

Sand oil frac slots 5,529, 5,493 (2/7/64)

Prior production: 7 BOPD, 932 BWP, 16 MCF/D (final tr: 2/10/64)

Production following Workover #6: 27 BOPD, 39 BWP, 24 MCF/D  
(final tr: 2/10/64)

**Workover #7**

Sand-Glass-Bead-Oil Frac 5,493, 5,494, 5,529, 5,530, 5,548, 5,549 (8/4/65)

Prior production: 45 BOPD, 148 BWP, 11 MCF/D (7/65)

Production following Workover #7: 89 BOPD, 213 BWP, 8 MCF/D (9/65)

**Tubing Detail: (1/2/67)**

KB	14.00
Tbg stretch	3.00
173 jts 2-1/2" J-55 tbg	5,403.88
PSN	.85
1 jt tbg	31.40
Baker A.C.	2.37
1 jt 2-1/2" slotted G. A.	31.08
Landed @	<u>5,486.58</u>

**WELL DATA SHEET**  
**WPU #113 (34-15A)**

**Current Zone of Completion**

**Open Perforations**

3-60° Horizontal Slots:           5,493 JE  
  5,494 JE  
  5,529 K  
  5,530 K  
  5,548 K  
  5,549 K

**Excluded Perforations**

Excluded by cement:   6-1/2" bullets/ft & 4-1/2" jets/ft: 5,570-74  
                          4-1/2" bullets/ft: 5,490-98  
  5,527-32  
  5,544-51  
  5,557-66  
Schlumberger 5-way squeeze jet:   5,562

NOTE: Lost barrel off of pump 9/30/64 PBD @ 5,555'

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUBMIT IN TRIPLI**  
(Other instructions  
verse side)

Budget Bureau No. 1004-0155  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-0559

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL  GAS WELL  OTHER

**RECEIVED**

UNIT AGREEMENT NAME

Red Wash Unit

8. FARM OR LEASE NAME

2. NAME OF OPERATOR

**SEP 09 1985**

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

**DIVISION OF OIL  
GAS & MINING**

9. WELL NO.

RWU #113 (34-15A)

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

10. FIELD AND POOL, OR WILDCAT

Red Wash

11. SEC., T., R., N., OR S.W. AND SURVEY OR ABMA

660' FSL & 1980' FEL (SW $\frac{1}{4}$ , SE $\frac{1}{4}$ )

Sec. 15, T7S, R22E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, NT, OR, etc.)

12. COUNTY OR PARISH 13. STATE

KB: 5048.5'

Uintah

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   
FRACTURE TREAT   
SHOOT OR ACIDISE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETS   
ABANDON\*   
CHANGE PLANS

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDISING   
(Other) Recompletion in Uinta   
(NOTE: Report results of multiple completion on Well Completion or Recombination Report and Log Form.)

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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 15, 1985; to recomplate RWU #113 (34-15A) as a Uinta formation gas producer.

- Moved in, rigged up Gudac Well Service pulling unit. ND WH. NU & tested BOPE. POOH w/ tbg.
- Set CICR at 5447'. Squeezed Green River perms 5494'-5549' w/ 100 sks "G" cmt. Block squeezed Uinta formation at 2575'-2577' w/ 743 sks "G" cmt. Cleaned out well to new PBD (2550'). RIH w/ pkr & tubing.
- Perforated Uinta formation 2494'-2502' w/ thru tbg guns 2 tjpf. Well swab tested water. POOH w/ pkr and tubing. Set CICR at 2447'. Squeeze cemented Uinta perms 2494'-2502' w/ 140 sks "G" cmt. Dumped 20' of cmt. on top of same. RIH w/ 2-7/8" tubing to 1013'. ND BOPE. NU WH. RD MO pulling unit.

Work completed August 27, 1985. Operations temporarily suspended pending engineering review.

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

SIGNED L. L. Washpatrick

TITLE Permit Coordinator

DATE Sept. 5, 1985

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

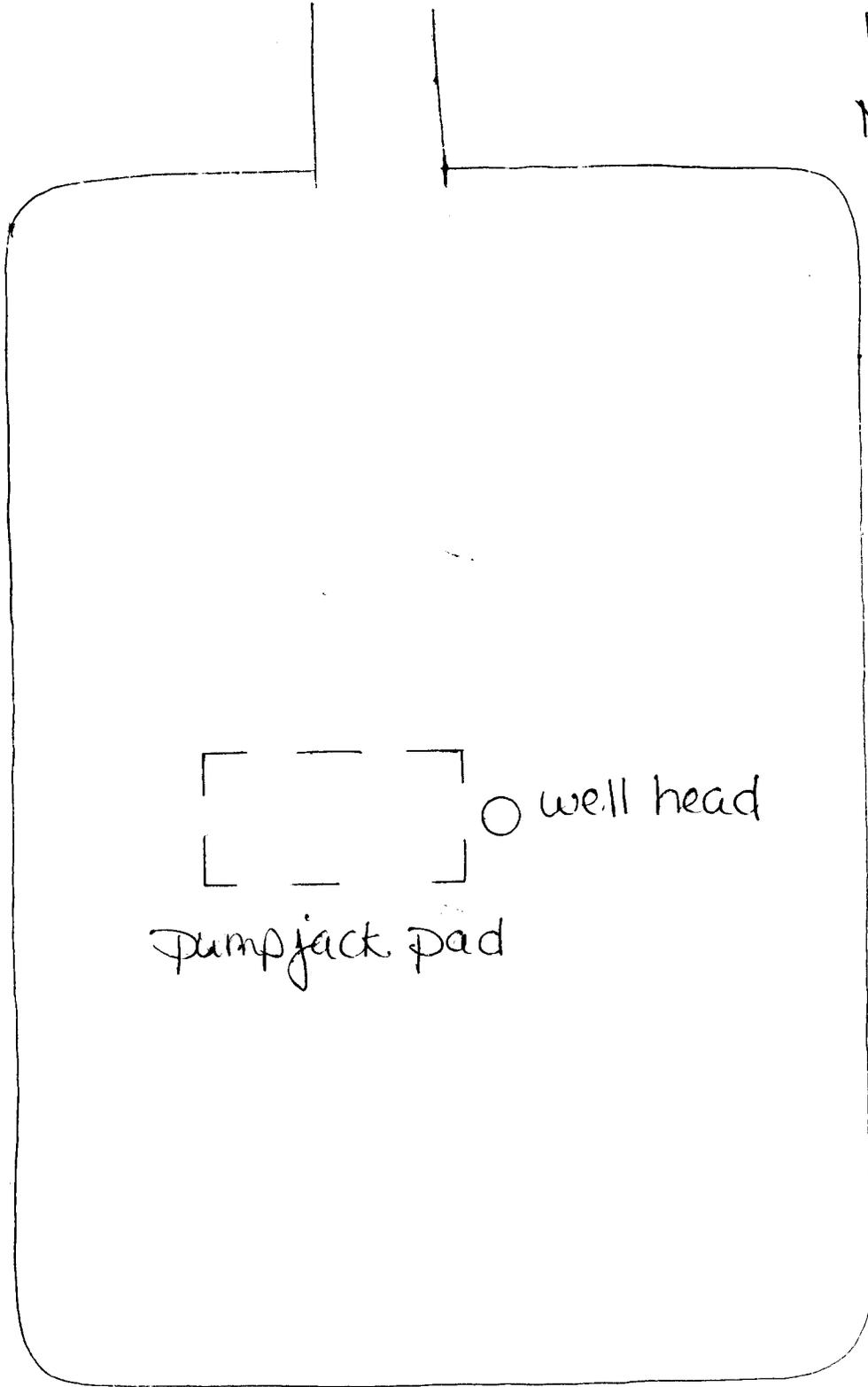
15231

RWU 113

Sec 15, T7-S0, R22E

Drubly 5/8/89

W-1001-113



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
Oil Gas  
 Well  Well  Other

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

3. Address and Telephone No.  
**P.O. BOX 599, DENVER, CO. 80201 (303) 930-3691**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**660 FSL, ~~660 FWL~~, SEC. 15, T7S, R22E**  
**1980 FEL**

5. Lease Designation and Serial No.  
**U - 0559**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**113 (34-15A)**

9. API Well No.  
**43-047-15231**

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

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

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

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

**THIS WELL IS SHUT IN WHILE UPGRADING WELL TEST FACILITIES. WE WILL RE-EVALUATE STATUS AFTER WELL TEST FACILITIES UPGRADES HAVE BEEN COMPLETED.**

- 3 - BLM
- 3 - STATE
- 1 - JTC
- 1 - WELL FILE
- 1 - JLW

**RECEIVED**

APR 09 1992

DIVISION OF  
OIL, GAS & MINING

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

Signed *J.R. Watson*

Title *Permit Specialist*

Date *4/6/92*

(This space for Federal or State office use)

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

Conditions of approval, if any:

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



**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 reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.  
**U-0806**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**RWU #113 (34-15A)**

9. API Well No.  
**43-047-30049 15231**

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)  
**1929 FSL, 1998 FEL, SEC. 13, T8S, R21E**  
*157 32*  
**6600' FSL**

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

*Chana Rough*

Title

*Oper. Assistant*

Date

**02/10/93**

(This space for Federal or State office use)

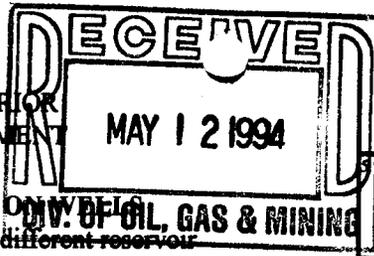
Approved by: \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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

3. Lease Designation and Serial No.  
U-0559

5. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
RWU #113 (34-15A)

9. API Well No.  
43-047-15231

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.  
P. O. BOX 455, VERNAL, UT 84078 (801) 781-4302

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1480' FWL  
660' FSL, 660' FWL, SEC. 15, T7S/R22E

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

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

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

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

**Subject well is temporarily abandoned.**

14. I hereby certify that the foregoing is true and correct.  
Signed: [Signature] Title: Operations Assistant Date: 05/10/94

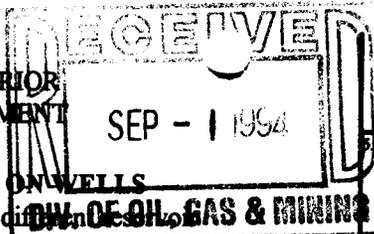
(This space for Federal or State office use)

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



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 well.

Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.  
**U-0559**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**RWU #113 (34-15A)**

9. API Well No.  
**43-047-15231**

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)  
**660' FSL, 660' FWL, Sec. 15, T7S/R22E**

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

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

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

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

**TA approval is requestd for this well. We plan to P&A this well sometime during the next two years.**

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

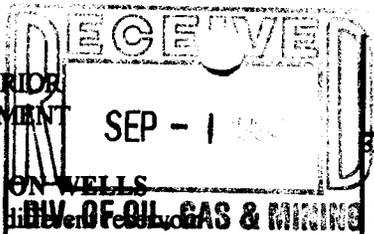
(This space for Federal or State office use)

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

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**43-047-15231**

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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**

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**660' FSL, 660' FWL, Sec. 15, T7S/R22E**

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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**

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**U-0559**

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9. API Well No.  
**43-047-15231**

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)  
**660' FSL & 1980' FEL (SW SE) SECTION 15, T7S, R22E, SLBM**

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**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 \_\_\_\_\_

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
OCT 23 1995  
DIV. OF OIL, GAS & MINING

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

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U-0559

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N/A

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

8. Well Name and No.  
RED WASH UNIT 113 (34-15A)

9. API Well No.  
43-047-15231

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

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**PROCEDURE:**

- MIRU. ND WH and NU BOPE. TOH with kill string.
- PU workstring and TIH. Drill out cement and CICR's at 2447' and 2550', then clean out well to CICR at 5447'. NOTE: All Green River perforations were squeezed with cement during 8/85. Displace well to ~ 3600' with 9.2 PPG Brine.
- Oil Shale interval estimated at 3665-3685'. Perforate 3735', set CICR at 3615', squeeze ~ 50 sacks class H cement under CICR. Sting out, circulate clean and displace well to ~ 2800' with 9.2 PPG Brine.
- Green River formation top at 2842'. Perforate 2892', set CICR at 2792', squeeze ~ 35 sacks class H cement under CICR. Sting out, circulate clean and displace to surface with 9.2 PPG Brine.
- Perforate at 300', establish circulation down casing and up 7" X 10 3/4" annulus. Cement same with ~ 150 sacks class H cement.
- Cut off WH and install dry hole marker per BLM guidelines. RDMO. Notify operations to rehabilitate location.

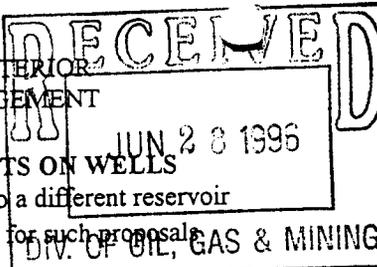
14. I hereby certify that the foregoing is true and correct.  
Signed G.D. SCOTT *G.D. Scott* Title **DRILLING TECHNICIAN** **Accepted by the Utah Division of Oil, Gas and Mining** October 18, 1995

(This space for Federal or State office use)  
Approved by: \_\_\_\_\_ Title \_\_\_\_\_

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Budget Bureau No. 1004-0135  
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U-0559

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RED WASH UNIT

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9. API Well No.  
43-047-15231

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11. County or Parish, State  
UINTAH, UTAH

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Oil  Gas   
 Well  Well  Other

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DATE OF WORK: 6/20/96 THRU 6/21/96

- MIRU.
- PU WORKSTRING AND TIH. CLEANOUT WITH BIT AND SCRAPER TO 2424'. DISPLACED 7" CASING TO 2424' with 10 PPG Brine.
- SET A BALANCED PLUG FROM 2422-2372'.
- PERFORATED AT 205'. MIX AND PUMP 160 SACKS CLASS H CEMENT DOWN 7" AND UP 7" X 10 3/4" SURFACE CASING.
- CUT OFF WELLHEAD AND INSTALLED DRY HOLE MARKER. RDMO. NOTIFIED FACILITIES TO RECLAIM LOCATION..

NOTE: ALL GREEN RIVER PERFORATIONS WERE SQUEEZED WITH CEMENT IN AUGUST 1985.

Witnessed by 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 June 25, 1996

(This space for Federal or State office use)

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

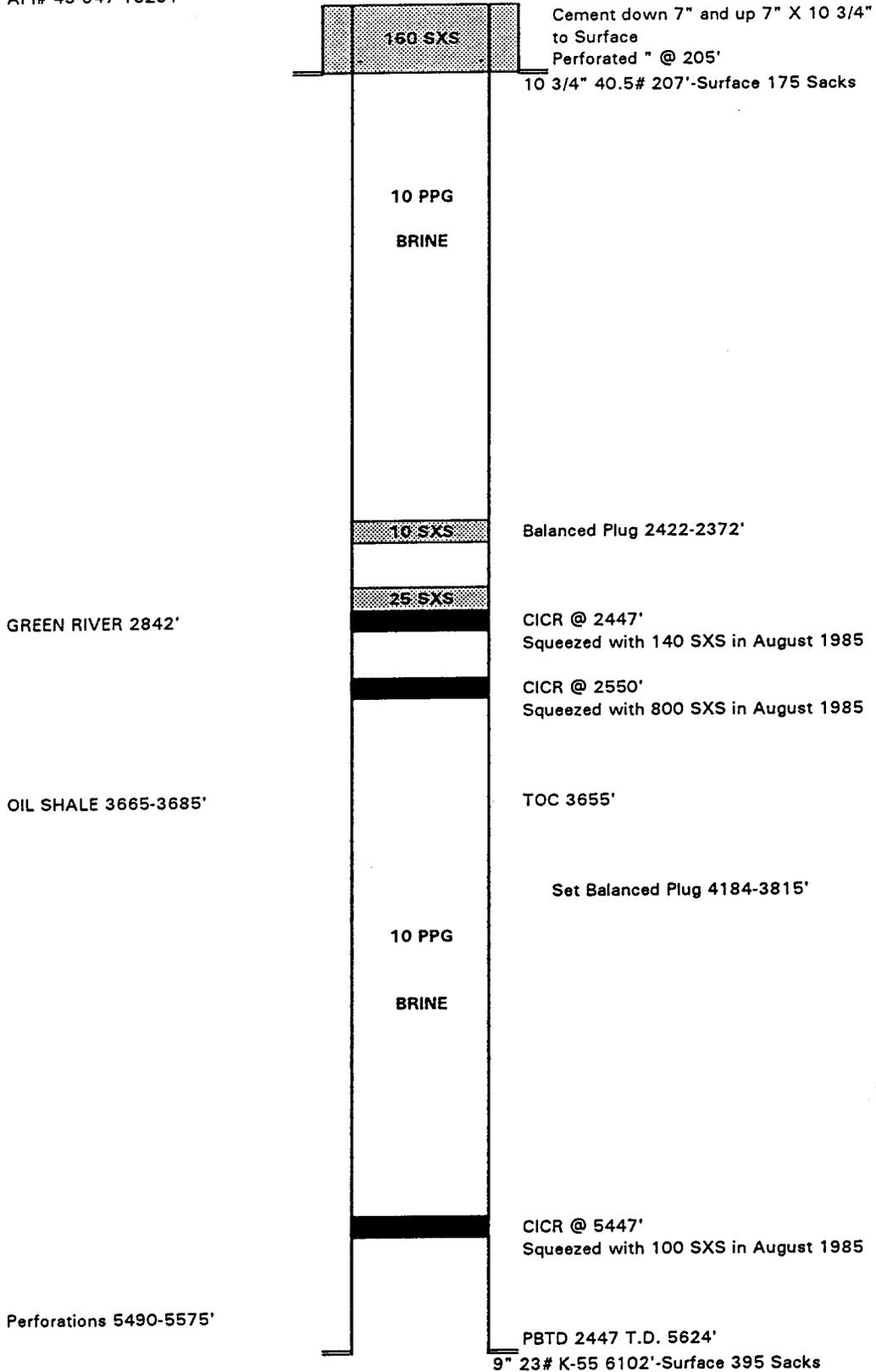
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P&A  
SCHEMATIC

CHEVRON U.S.A. PRODUCTION CO.  
RED WASH UNIT 113  
sw se SECTION 15, T7S, R22E

FED LEASE U-0559  
API# 43-047-15231





JOB LOG HAL-2013-C

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Chevron		113		RWU		TFA		982410	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	0630							on location & rig up Safety Meeting Prime & Test	
								RHT w/ Tubing @ 2422' Mix 10 sacks Cement @ 16 47/6 To spot 50' plug @ 2372-2422'	
	0705	2	0					Start Fresh End Fresh Start Cement End Cement Start Displacement End Displacement	
	0715	2	13.7					POOH w/ Tubing RHT & Perf @ 237' Establish Circulation down 7" & out 7" x 10 3/4" Casings 300 Will not Circulate RHT & Perf @ 205' Establish Circulation Shut down Nipple down BOP's Mix 160 Sacks Cement @ 16 47/6 w/ 3% CaCl2 to set plug in 7" & 7" x 10 3/4" Casings From Surface to 205'	
	0915	3	0					Start Fresh End Fresh Start Cement End Cement	
	0930	3	30			90		Shut well in & W.O.C. Cut off wellhead Top off 7" Casing w/ 5 sacks Cement	
	1045							Released Thank you	
	1115							Thank you <i>[Signature]</i>	

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 \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	✓	23 <sup>ST</sup>	7"	⊖	TD	
LINER						
TUBING	✓	6.5	2 7/8"	⊖	2422	
OPEN HOLE						SHOTS/FT.
PERFORATIONS					205'	
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>6-21-96</u>	DATE _____	DATE _____	DATE _____
TIME <u>0430</u>	TIME <u>0630</u>	TIME <u>0700</u>	TIME <u>1100</u>

TOOLS AND ACCESSORIES

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

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>S. Frazer</u>	<u>oper</u>	
<u>C. Parrock</u>	<u>Rcm 76773</u>	
<u>Tim Slauch</u>	<u>Bulk 7645</u>	

MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API  
 DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API  
 PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
 PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
 ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
 ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
 ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
 SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN  
 NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN  
 FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
 PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
 OTHER \_\_\_\_\_  
 OTHER \_\_\_\_\_

DEPARTMENT Cement  
 DESCRIPTION OF JOB Plug to Abandon  
 JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
 CUSTOMER REPRESENTATIVE X SW #2621  
 HALLIBURTON OPERATOR Steve Gray COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>10</u>	<u>H</u>		<u>B</u>	<u>Ueat</u>	<u>1.06</u>	<u>16.4 1/2</u>
	<u>160</u>	<u>H</u>		<u>B</u>	<u>3% Calc</u>	<u>"</u>	<u>"</u>

PRESSURES IN PSI  
 CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_  
 BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_  
 AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_  
 SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_  
 HYDRAULIC HORSEPOWER \_\_\_\_\_  
 ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
 AVERAGE RATES IN BPM \_\_\_\_\_  
 TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
 CEMENT LEFT IN PIPE \_\_\_\_\_  
 FEET \_\_\_\_\_ REASON \_\_\_\_\_

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_  
 CEMENT SLURRY: BBL.-GAL. \_\_\_\_\_  
 TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

REMARKS

See job log

FIELD OFFICE

CUSTOMER Chermon  
LEASE KWU  
WELL NO. 113  
JOB TYPE TP-A  
DATE 6-21-96

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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**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.  
N/A

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**

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	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

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

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

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

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

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

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

(This space for Federal or State office use)

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

Conditions of approval, if any \_\_\_\_\_

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



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

# RECEIVED

FEB 07 2000

DIVISION OF  
OIL, GAS AND MINING

IN REPLY REFER TO  
UT-931

February 4, 2000

Shenandoah Energy Inc.  
Attn: Rae Cusimano  
475 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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

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

Enter date after each listed item is completed

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

Designation of Agent

Operator Name Change (Only)

Merger

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

**01-01-2000**

**FROM:** (Old Operator):

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

Phone: 1-(435)-781-4300

Account No. N0210

**TO:** ( New Operator):

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

Phone: 1-(435)-781-4300

Account N4235

**CA No.**

**Unit: RED WASH**

**WELL(S)**

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
RWU 54 (43-14A)	43-047-15180	5670	14-07S-22E	FEDERAL	OW	PA
RWU 113 (34-15A)	43-047-15231	5670	15-07S-22E	FEDERAL	OW	PA
RWU 89 (23-15A)	43-047-16486	99998	15-07S-22E	FEDERAL	OW	PA
RWU WI 3A (34-16A)	43-047-16481	99996	16-07S-22E	FEDERAL	WI	PA
RWU 100 (43-21A)	43-047-10203	99998	21-07S-22E	FEDERAL	OW	PA
RWU 73 (22-21A)	43-047-15195	5670	21-07S-22E	FEDERAL	OW	PA
RWU 32 (32-22A)	43-047-15159	5670	22-07S-22E	FEDERAL	GW	PA
RWU 258 (34-22A)	43-047-30458	5670	22-07S-22E	FEDERAL	OW	TA
RWU 118 (12-23A)	43-047-15235	99998	23-07S-22E	FEDERAL	OW	PA
RWU 217 (31-29A)	43-047-30105	99998	29-07S-22E	FEDERAL	OW	PA
RWU WI 33A-1	43-047-16484	99998	33-07S-22E	FEDERAL	WI	PA
RWU 151 (42-14B)	43-047-15264	5670	14-07S-23E	FEDERAL	OW	P
RWU 325 (32-16B)	43-047-33083	99999	16-07S-23E	STATE	OW	APD
RWU 329 (32-20B)	43-047-33225	99999	20-07S-23E	FEDERAL	OW	APD
RWU 328 (12-21B)	43-047-33224	99999	21-07S-23E	FEDERAL	OW	APD
RWU 200 (32-33B)	43-047-10207	99998	33-07S-23E	FEDERAL	OW	PA
RWU 249 (14-33C)	43-047-30390	5670	33-07S-24E	FEDERAL	GW	PA
RWU 211 (32-35C)	43-047-10209	99998	35-07S-24E	FEDERAL	OW	PA
RWU 304 (24-2F)	43-047-32106	11341	02-08S-24E	STATE	GW	PA

**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

