

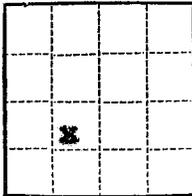
(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. U-0116

Unit Red Wash

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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, 1958

Well No. 23-180 is located 1980 ft. from 1000 [S] line and 1980 ft. from 1000 [W] line of sec. 18

18 (1/4 Sec. and Sec. No.) 7S (Twp.) 23E (Range) S13W (Meridian)
Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the ~~circulation~~ ^{K.D.} above sea level is 544 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 @ 225'.

7" casing to be cemented below lowest productive interval using sufficient cement to reach 4000'.

Top Green River 3160'
"H" Point 5027'
"J" Point 5558'
"K" Point 5705'

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

COMPLETION REPORT - NEW WELL

0+GCC

STANDARD OIL COMPANY OF CALIFORNIA

3110

FIELD: Red Wash

PROPERTY: Section 18B

WELL NO: 23-18B (#88)

Sec 18 T 7S R 23E SL S. & M.

LOCATION: 1980' from S line & 1980' from W line of Sec. 18.

LAND OFFICE: Salt Lake City
LEASE NO. : U-0116

ELEVATION: 5464' K.B.

K.B. is 12' above ground.

DATE: February 18, 1959

By C. V. Shatterton
Superintendent, Producing Department

DRILLED BY: Kerr-McGee Oil Industries, Inc.

DATE COMMENCED DRILLING: November 2, 1958

DATE COMPLETED DRILLING: November 27, 1958

DATE OF INITIAL PRODUCTION: December 31, 1958

PRODUCTION:	Daily average, 1st	31	days	Gravity	26.1	° API	Pumping	X
	Oil	100	Bbls.	T. P.	25	PSI	Flowing	
	Water	35	Bbls.	C. P.	0	PSI	Gas Lift	
	Gas	131	Mcf.	Bean		164"		

SUMMARY

T.D. 5810'

EFFECTIVE DEPTH: 5790'

CASING: 10 3/4" cmtd 229'
7" cmtd 5793'

PERFORATIONS: 5760 - 5780'
5654 - 5670'

LOGS RUN:

- Schlumberger Induction-Electric 5670 - 228
- Microlog 5671 - 4450
- Schlumberger Induction-Electric 5792 - 5670
- McCullough Gamma Ray Correlation Collar log 5784 - 5200

MARKERS:

- TGR 3170'
- "G" 4746'
- "H" 5028'
- "I" 5244'
- "J" 5556'

DST'S

- #1 - 5130 - 5150
- #2 - 5105 - 5135
- #3 - 5655 - 5680
- #4 - 5735 - 5785

WELL: 23-18B (#88)

PROPERTY: Section 18

RED WASH FIELD

WORK DONE

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

Well spudded 4:00 a.m. November 2, 1958.

0' - 235'

Cemented 214' of 10 3/4" casing at 229' with 180 sacks common cement mixed with 2% calcium chloride. Preceded cement with 10 bbls of water and displaced cement with 20 bbls of water. Good circulation throughout job with cement returns to surface. Used Halliburton equipment.

Casing detail:

Bottom	1.28'	Baker guide shoe
Next 5 jts.	213.03'	10 3/4", 40.5#, J-55, new casing
KB to landing		
pt.	15.	
	<u>229.31'</u>	

235' - 5070' - 4835' Drilled

Core #1 - 5070 - 5160', Rec. 90' (8 7/8" hole)

5070 - 5078 - Ss, vfg-fg, wh-lt gr, ev sort, fair por & perm, NSOF, occ th strk grn sh

5078 - 5081 - Sltst, lt gr-dk gr; 1' vert frac

5081 - 5084 - Sh, dk gr-blk, hd, pyr in art

5084 - 5085 - Ss, wh, vfg, well cmtd, arg

5085 - 5086 - Sltst, gr & sh dk gr intb

5086 - 5089 - Sh, dk gr-blk, hd, brit, paker chip frac

5089 - 5090 - Sltst, gr & sh dk gr intb

5090 - 5095 - Ls, dk gr, ool; ls bcm sil; qtz cong occ ls pebs & frags; ls bcm arg

5095 - 5102 - Sltst, lt gr & sh dk gr intb

5102 - 5105 - Ss, dk gr, vfg,-fg, ev sort, NSOF, low por & perm, abund th sh strks

5105 - 5107 - Oilstn ss, fg, ev sort, sub rd-sub ang, fair por & perm, oil stn even, med brn, fair pet odor, fair yel flsn

5107 - 5108 - Sh, dk gr & sltst, lt gr intb

5108 - 5110 - Oilstn ss w sltst & sh strks, ss vfg, well sorted, low por & perm, stn even lt brn, faint odor, pale yel flsn

5110 - 5113 - Oilstn ss, vfg-mg, sub ang-rd, well sort, fair por & perm, stn even, med brn; fair pet odor, pale yel flsn

5113 - 5116 - Oilstn ss AB bcm fg, low perm, occ strks sltst & sh

5116 - 5124 - Oilstn ss, fg-mg, ev sort, good por & perm, even drk brn stn, strong pet odor, pale yel flsn

5124 - 5128 - Sltst, lt gr, w blk sh lams

5128 - 5132 - Sh, dk grn, hd

5132 - 5134 - Ls, buff, sil, ool, hd

5134 - 5137 - Oilstn ss, limy, vfg-fg, low perm, Oilstn lt brn even, fnt odor, very pale yel flsn

WELL: 23-18B (#88)

PROPERTY: Section 18

RED WASH FIELD

- 5137 - 5142 - Oilstn ss, vfg-fg, well sort, lt brn evn stn, fair pet odor, pale yel flsn, fair por & perm
 5142 - 5144 - Oilstn ss, ab, bcm sli arg, stn in part patchy, low perm,
 5144 - 5146 - Oilstn ss, vfg & sltst intb, oilstn patchy, lt brn
 5146 - 5152 - Sltst gr & sh dk gr intb
 5152 - 5155 - Ls, lt gr, hd, sil
 5155 - 5158 - Sh, dk gr-blk
 5158 - 5160 - Ss, dk gr, fg-crse qtz, well cmtd, NSOF

November 21, 1958

Core #2 - 5625 - 5691', Rec. 61' (8 7/8" hole)

- 5625 - 5635 - Sltst, & sh, sltst lt gr, sh dk gr/blk
 5635 - 5638 - Ss, lt gr, vfg, sr, fair sort, looks ti, NSOF
 5638 - 5643 - Ss & sltst; ss aa, pred ti, sltst, lt gr, hd
 5643 - 5645 - Ss, lt gr, fg/vfg, well sort, dk brn oil stn w/good odor & flsn where permeable
 5645 - 5650 - Sltst, aa, wi occ thi strss ss, strss dk sh, bcm pred ss aa wi spotty stn,
 5650 - 5665 - Interbedded ss, sltst & sh, occ spotty oil stn
 5665 - 5666 - Ss, lt gr, vfg, tight
 5666 - 5670 - Grades to oil stn ss, lt gr, wi lt brn oil st, sr, clean, well sorted, good pet odor, yel flsn
 5670 - 5671 - Ss, dk gr, vfg, ti
 5671 - 5686 - Sltst, lt gr, hd, strss dk sh, bottom 1-1/2' broken up, few chunks ss wi strong carbide odor - could be wet
 5686 - 5691 - No recovery

Ran Schlumberger Induction-Electric log and Microlog. Recorded 5670 to 228' and 5671 to 4450', respectively. Markers: TGR - 3170', "G" - 4746', "H" - 5028', "I" - 5244' "J" - 5556'.

DST #1 - 2 hr. test 5130-5150'. Ran Howco sidewall anchor tester on 4 1/2" D.P. and 433' 6 1/2" d.c.'s. Took 30 min initial c.i.p. Valve open 2 hours; light blow decreasing toward end of test. Rec. 5' very high pour point oil and 433' muddy water - 3.85 ohm meters.

Pressures:	ICIP	IH	IF	FF	FH
Top BT	1860	2570	50	187	2570
Lower BT	1880	2570	60	215	2570

Core #3 - 5691 - 5760', Rec 69', (8 7/8" hole)

- 5691 - 5702 - Sltst & sh, sltst lt gr, hd, sh dk gr, m hd
 5702 - 5703 - Ss, lt gr, vfg, sr, well sort, spotty lt tn oilstn
 5703 - 5713 - Sltst & sh, aa
 5713 - 5717 - Ss, lt gr, vfg, slty, ti, NSOF
 5717 - 5735 - Sltst & sh, aa, badly washed & broken 5723 - 5725

WELL: 23-18B (#88)

PROPERTY: Section 18

RED WASH FIELD

Core #3 (cont'd)

5735 - 5743 - Grades to lt gr, silty ss

5743 - 5760 - Sltst & sh, aa; 1' Ls @ 5745', lt gr, hd, dnse, NSOF

November 23, 1958

DST #2 - 2-1/4 hr test 5105 - 5135'. Ran Howco sidewall anchor tester on 4-1/2" d.p. with 433' 6-1/2" d.c.'s. Took 30 min initial c.i.p. test. Valve open 2 hrs 15 min, med strong blow entire test. No gas to surface. Found first fluid 825' above tools, top 180' consisted of approx 1/2" coating of solidified crude inside d.p., next 135' solidly filled with Red Wash crude, bottom 510' including 433' in drill collars watery mud, grading to fresh muddy water (4.0 ohm w/some oil)

Pressures:	IH	ICIP	IF	FF	FH
Top	2520	1949	62	260	2520
Bottom	2542	1960	82	290	2542

5760 - 5810' - 50' drilled, 9" hole

DST #3 - 2 hr test 5655-5680'. Ran Howco sidewall anchor tester on 4-1/2" d.p. with 433' 6-1/2" d.c.'s. Set packers 5650, 5655 and 5680'. Took 30 min initial c.i.p. and 2 hr. flow test. Light blow throughout, no gas to surface. Rec. 340' (in d.c.'s), top 90' oil, balance drlg fluid.

Pressures:	IH	ICIP	IF	FF	FH
Top	2820	1400	40	140	2820
Bottom	2845	1420	60	160	2845

Ran Schlumberger Induction-Electric log, recorded 5792' - 5670'.

Took sidewall samples 5767', 5768', 5769', 5770', 5771', 5775' and 5776'.

November 25, 1958

DST #4 - 2 hr. test 5735 - 5785'. Ran Howco tester on 4-1/2" d.p. and 433' 6-1/2" d.c.'s. Set packers at 5730', 5735' and 5785'. Took 30 min initial c.i.p. Med strong blow with gas to surface in 25 min. Rec 1461' clean gass oil.

Pressures:	IH	ICIP	IF	FF	FH
Top	2890	2216	88	392	2890
Bottom	2930	2250	138	413	2930

November 26, 1958

Cemented 7" casing at 5793' with 340 sax construction cement. 30 min mixing cem starting with 13.5#/gal slurry and increasing to 15-1/2#/gal after first 125 sax, 40 min displacing with rig pumps. Long displacement time due to low water supply. Last pressure on main line. Check valve failed to hold and some water drained from storage to line.

Casing detail:

Bottom	3 jts.	132'	7", 23#, N-80, 8rd, LT&C, New, Rge 3
Next	91 jts.	3571'	7", 23# & 26# mixed J-55, 8rd, LT&C, Second hand
Next	49 jts.	1998'	7", 23#, J-55, 8rd, LT&C, Rge 3, New
Next	1 jt.	41'	7", 26#, J-55, 8rd, LT&C, second hand
Next	1 jt.	30'	7", 23#, J-55, 8rd, ST&C, Brtsh.
Top	1 jt.	43'	7", 23#, J-55, 8rd, ST&C, New

Landed 5815' 22' above K.B.

5793' depth of shoe

WELL: 23-18B (#88)

PROPERTY: Section 18

RED WASH FIELD

Baker guide shoe on bottom. Flexiflo collar 2 jts. up. Centralizer on each of first 20 jts. Scratchers: 3 on each of first 14 jts., entire length of next 6 jts, all with 6' travel.

November 27, 1958

Gun perforated 3 - 1/2" gun holes and 3 jet holes/foot 5760-5780, 5654-5670. (E. log & Gamma log meas.)

Tubing detail:

Landed 177 jts or 5456' at 5466'.	
177 jts. 5456	
Pup	4.60
K.B. to landing pt.	5.40
	<u>5466</u>

Cleaned out with tubing to 5790'. Found top cement at 5705'. Ran McCullough Gamma ray correlation-collar log. Recorded 5784 to 5200'. (Pick up at 5786). Gamma ray did not record above 5200' but collars were recorded at 4921, 4960, 4996, 5048-1/2, 5077, 5116, 5156, 5194-1/2, ocrrelated with E. log to nearest foot.

Crew released 12:00 midnight November 27, 1958.

December 2, 1958

After moving off drilling rig, Dowell attempted to sand oil squeeze perforated intervals 5654-5670 and 5760-5780' down casing-tubing annulus. Unable to obtain break-down at 3000 psi.

December 5, 1958

R&R Well Service moved in and rigged up. Pulled tubing. Started in hole with Baker full bore retainer.

December 6, 1958

Set Baker full bore retainer at 5700'. Dowell sand oil squeezed perforated intervals 5760-5780' with 100 bbls burner fuel containing 6300 lbs. 20-40 Ottawa sand and 200# Adomite. Formation broke down at 3500 psi and took fluid at 5 BPM. Pressure increased gradually to 3800 psi, when sand reached formation increased abruptly to 4200 psi, then increased gradually to a maximum of 4550 psi after which it declined gradually to a final pressure of 4000 psi. Pulled Baker retainer and found it but by perf. bars. Ran bit and scraper (Baker retovert)

December 7, 1958

Cleaned out sand to 5785'. Appeared to be drilling on cement. Set Baker retrievable bridge plug at 5683'. Spotted 500 gal Dowell mud acid at 5679'. Pulled up 10 jts. and shut in for the night.

WELL: 23-18B (#88)

PROPERTY: Section 18

RED WASH FIELD

December 8, 1958

Set Baker full bore retainer at 5380'. Sand oil squeezed perforated interval 5654-5670' using 125 bbls burner fuel containing 7875 lbs. 20-40 Ottawa sand and 250 lbs. Ademite. Formation began taking fluid at 3000 psi, increased to 3500 psi in first few minutes and continued to take 6.9 bbls per min at 3500 psi during balance of job.

December 9, 1958

Ran 140 jts. tubing in hole, ran pump and 139 rods.
Tubing detail:

182 jts. 2-1/2" EUE	5608.14
K.B. to TH	12.00
PSN	1.10
1 2-1/2" EUE tbg pup	8.08
Gas anchor	<u>22.60</u>
	5651.92

Crew released December 10, 1958.

RDL
R. D. LOCKE

**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, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FWL
AT TOP PROD. INTERVAL: (NESW)
AT TOTAL DEPTH:

5. LEASE
0-0116

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
RED WASH UNIT

8. FARM OR LEASE NAME

9. WELL NO.
RWU 88(23-18B)

10. FIELD OR WILDCAT NAME
RED WASH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 18, T75, R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 5464'

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 checked="" 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)		

(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.)*

This well was perfd & acidized as follows:

1. MI & RU, hot oil annulus & TBG, POOH w/rods & pump N.D.-Tree, NU BOPE. Pooh w/TBG
2. RIH w/bit. C/O to 5790' PBD., RIH W/CSG. SCRPR. POOH W/same.
3. PERFD 5612-17' w/2 JPF. RIH W/PKR, SWBD PERFS.
4. Acidized PERFS w/4500 gals., SWBD SAME.
5. RIH W/PROD String, ND BOPE, NU TREE. RIH W/RODS. MOL.

3-USGS
2-STATE
3-Partners
1-Field Forman
1-Sec. 723
1-File

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

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

SIGNED *Erwin M. Leonard* TITLE Engineering Asst. DATE January 27, 1982

(This space for Federal or State office use)

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

WELL NAME RWU 88 (23-18B)

FIELD NAME RED WASH UNIT

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 4500 gal 15% HCL
2. Intervals treated: 5612-17'
5654-70
5760-80
5767-70
5776-80
3. Treatment down casing or tubing: TBG
4. Methods used to localize effects: .875 RCN Balls
5. Disposal of treating fluid: Spent Acid was SWBD back to Frac Tanks
6. Depth to which well was cleaned out: 5790 PBTD
7. Date of work: 12-23-81
8. Company who performed work:
9. Production interval: 5612-5780
10. Status and production before treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
WSI Since 11-66			

11. Status and production after treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
2/82	157	130	1107

WELL NAME: RWU 88(23-18B)

FIELD: RED WASH UNIT

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips):

5612-17-New Perfs 2jpf

5654-70

5760-80

5767-70

5776-80

2. Company doing work:

3. Date of work: 12-28-81

4. Additional surface disturbances: None

5. Production after work:

Date

BOPD

MCFD

BWPD

STATE OF UTAH
 DIVISION OF OIL, GAS, AND MINING
 ROOM 4241 STATE OFFICE BUILDING
 SALT LAKE CITY, UTAH 84114
 (801) 533-5771
 (RULE 1-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF
Chevron U.S.A. Inc.
 ADDRESS P. O. Box 599
Denver, CO ZIP 80201
 INDIVIDUAL PARTNERSHIP CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE ...RWU.No.....88..... WELL
 SEC. 18 TWP. 7S RANGE 23E
Uintah COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL
 DISPOSAL WELL

APPLICATION

Comes now the applicant and shows the Division the following:

1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name <u>U-0116</u>	Well No. <u>88 (23-18B)</u>	Field <u>Red Wash</u>	County <u>Uintah</u>
Location of Enhanced Recovery, Injection or Disposal Well <u>NE 1/4, SW 1/4</u> Sec. <u>18</u> Twp. <u>7S</u> Rge. <u>23E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>12/28/81</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>2700</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What oil & gas
Location of Injection Source(s) <u>Fresh water from Green River</u>	Geologic Name(s) and Depth of Source(s) <u>Not Applicable</u>		
Geologic Name of Injection Zone <u>Green River</u>	Depth of Injection Interval <u>5612'</u> to <u>5780'</u>		
a. Top of the Perforated Interval: <u>5612'</u>	b. Base of Fresh Water: <u>2700</u>	c. Intervening Thickness (a minus b) <u>2912'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
Lithology of Intervening Zones <u>sand-shale</u>			
Injection Rates and Pressures Maximum = <u>2500 B/D</u> , Working = <u>800</u> B/D Maximum = <u>3000 psi</u> , Working = <u>2000</u> PSI			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent			
<u>Bureau of Land Management, State of Utah</u>			
<u>1400 University Club Building</u>			
<u>136 East South Temple</u>			
<u>Salt Lake City, Utah 84111</u>			

State of Colorado)

R.H. Elliott
Applicant

County of Denver)

R. H. ELLIOTT

Before me, the undersigned authority, on this day personally appeared R. H. ELLIOTT known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 26 day of July, 1983

SEAL My commission expires July 1, 1987
 My commission expires _____

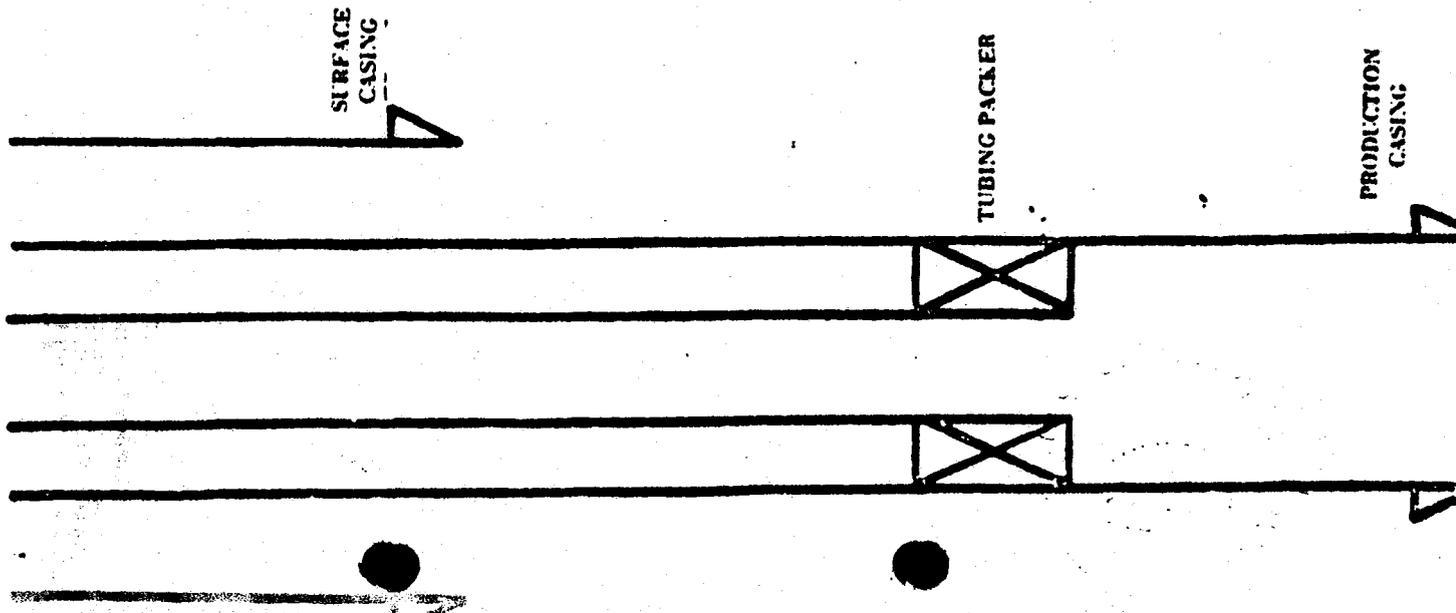
Louis J. Thompson
Notary Public in and for Colorado

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

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	10-3/4	229'	180	surface	Returns
Intermediate					
Production	7"	5793'	340	3550'	Calculated
Tubing	2-7/8"	+ 5780'	Baker Name - Type - Depth of Tubing Packer "FH" Pkrs @ + 5560' and 5710'		
Total Depth	Geologic Name - Inj. Zone	Depth - Top of Inj. Interval	Depth - Base of Inj. Interval		
5793'	Green River	5612'	5780'		

SKETCH - SUBSURFACE FACILITY



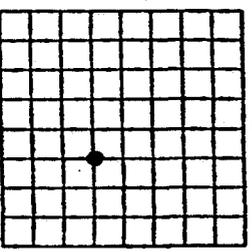
(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

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

COUNTY LEASE NO.

API NO 43-047-05518



COUNTY Uintah SEC. 18 TWP. 7S RGE. 23
COMPANY OPERATING Chevron U.S.A. Inc.
OFFICE ADDRESS P. O. Box 599
TOWN Denver STATE ZIP CO 80201
FARM NAME Red Wash WELL NO. 88 (23-18B)
DRILLING STARTED 11/2 19 58 DRILLING FINISHED 11/26 19 58
DATE OF FIRST PRODUCTION 1/59 COMPLETED 12/10/58
WELL LOCATED NE $\frac{1}{4}$ SW $\frac{1}{4}$
1980 FT. FROM SE OF $\frac{1}{4}$ SEC. & 660' FT. FROM WL OF $\frac{1}{4}$ SEC.
ELEVATION DERRICK FLOOR 5465' GROUND 5453'

TYPE COMPLETION

Single Zone X Order No. _____

Multiple Zone _____ Order No. _____

Comingled _____ Order No. _____

LOCATION EXCEPTION _____ Order No. _____ Penalty _____

OIL OR GAS ZONES

Name	From	To	Name	From	To
Green River	4500	5800			

CASING & CEMENT

Casing Set				Cig. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sex	Fillup	Top
10-3/4"	40.5#	J-55	229	-	180	-	Surface
7"	23#	N-80, J55	5793	1000	340	-	3550

Packers Depth ± 5560, ± 5710

TOTAL DEPTH 5793

FORMATION	Green River		
SPACING & SPACING ORDER NO.	80-acre spacing		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Enhanced recovery		
PERFORATED	5612-17		
INTERVALS	5654-70		
	5760-80		
ACIDIZED?	5612-5780	w/ 15% HCl acid	
FRACTURE TREATED?	5760-80	sand-oil squeeze	

INITIAL TEST DATA

Date	1/59		
Oil. bbl./day	100		
Oil Gravity	28		
Gas. Cu. Ft./day	131	MCF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	1310		
Water-Bbl./day	35		
Pumping or Flowing	Pumping		
CHOKE SIZE	-		
FLOW TUBING PRESSURE	-		

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone (303) 691-7437 R. H. Elliott, Area - Prod. Dept. 7-28-83
Name and title of representative of company

My commission expires July 5, 1987

Subscribed and sworn before me this 28 day of July, 19 83

STATE OF UTAH
 DIVISION OF OIL, GAS, AND MINING
 ROOM 4241 STATE OFFICE BUILDING
 SALT LAKE CITY, UTAH 84114
 (801) 533-5771
 (RULE I-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF
Chevron U.S.A. Inc.
 ADDRESS P. O. Box 599
Denver, CO ZIP 80201
 INDIVIDUAL PARTNERSHIP CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE ...RWU..No.....88..... WELL
 SEC. 18 TWP. 7S RANGE 23E
Uintah COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Division the following:

1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name <u>U-0116</u>	Well No. <u>88 (23-18B)</u>	Field <u>Red Wash</u>	County <u>Uintah</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NE 1/4, SW 1/4</u> Sec. <u>18</u> Twp. <u>7S</u> Rge. <u>23E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>12/28/81</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>2700</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	State What <u>oil & gas</u>	
Location of Injection Source(s) <u>Fresh water from Green River</u>	Geologic Name(s) and Depth of Source(s) <u>Not Applicable</u>		
Geologic Name of Injection Zone <u>Green River</u>	Depth of Injection Interval <u>5612'</u> to <u>5780'</u>		
a. Top of the Perforated Interval: <u>5612'</u>	b. Base of Fresh Water: <u>2700</u>	c. Intervening Thickness (a minus b) <u>2912'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <input checked="" type="checkbox"/> YES NO			
Lithology of Intervening Zones <u>sand-shale</u>			
Injection Rates and Pressures Maximum = <u>2500 B/D</u> , Working = <u>800</u> B/D Maximum = <u>3000 psi</u> , Working = <u>2000</u> PSI			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent			
<u>Bureau of Land Management, State of Utah</u>			
<u>1400 University Club Building</u>			
<u>136 East South Temple</u>			
<u>Salt Lake City, Utah 84111</u>			

State of Colorado)

R.H. Elwidt
Applicant

County of Denver)

Before me, the undersigned authority, on this day personally appeared R. H. ELWIDT known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 26 day of July, 1983

My commission expires July 5, 1987

Laird J. Thompson
Notary Public in and for Colorado

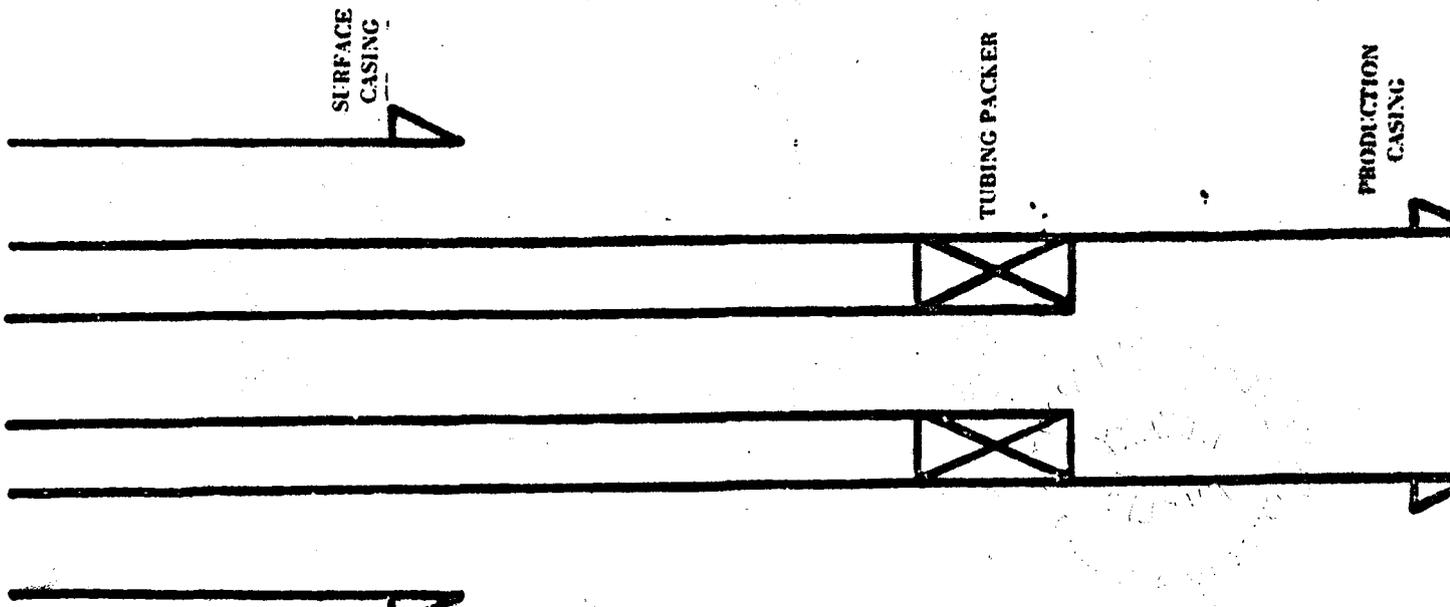
My commission expires _____
Address is: _____
3333 W. CO 80222

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

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	10-3/4	229'	180	surface	Returns
Intermediate					
Production	7"	5793'	340	3550'	Calculated
Tubing	2-7/8"	+ 5780'	Baker Name - Type - Depth of Tubing Packer "FH" Pkrs @ ± 5560' and 5710'		
Total Depth 5793'	Geologic Name - Inj. Zone Green River		Depth - Top of Inj. Interval 5612'		Depth - Base of Inj. Interval 5780'

SKETCH - SUB-SURFACE FACILITY



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

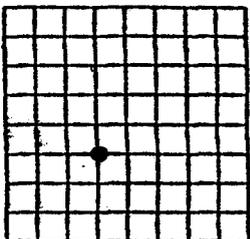
DEPARTMENT OF NATURAL RESOURCES AND ENERGY

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

COUNTY
LEASE NO.

API NO 43-047-05518

640 Acres



Locate Well Correctly and Outline Lease

COUNTY Uintah SEC. 18 TWP. 7S RGE. 23

COMPANY OPERATING Chevron U.S.A. Inc.

OFFICE ADDRESS P. O. Box 599

TOWN Denver STATE CO ZIP 80201

FARM NAME Red Wash WELL NO. 88 (23-18B)

DRILLING STARTED 11/2 19 58 DRILLING FINISHED 11/26 19 58

DATE OF FIRST PRODUCTION 1/59 COMPLETED 12/10/58

WELL LOCATED NE $\frac{1}{4}$ SW $\frac{1}{4}$

1980 FT. FROM SE OF $\frac{1}{4}$ SEC. & 660' FT. FROM W1 OF $\frac{1}{4}$ SEC.

ELEVATION DERRICK FLOOR 5465' GROUND 5453'

TYPE COMPLETION

Single Zone X Order No. _____

Multiple Zone _____ Order No. _____

Comingled _____ Order No. _____

LOCATION EXCEPTION

Order No. _____ Penalty _____

OIL OR GAS ZONES

Name	From	To	Name	From	To
Green River	4500	5800			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sex	Fillup	Top
10-3/4"	40.5#	J-55	229	-	180	-	Surface
7"	23#	N-80, J55	5793	1000	340	-	3550

Packers Depth $\pm 5560, \pm 5710$

TOTAL DEPTH 5793

FORMATION	Green River		
SPACING & SPACING ORDER NO.	80-acre spacing		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Enhanced recovery		
PERFORATED	5612-17		
	5654-70		
INTERVALS	5760-80		
ACIDIZED?	5612-5780	w/ 15% HCl acid	
FRACTURE TREATED?	5760-80	sand-oil squeeze	

INITIAL TEST DATA

Date	1/59		
Oil. bbl./day	100		
Oil Gravity	28		
Gas. Cu. Ft./day	131	MCF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	1310		
Water-Bbl./day	35		
Pumping or Flowing	Pumping		
CHOKE SIZE	-		
FLOW TUBING PRESSURE	-		

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone (305) 681-7437 R.H. Elliott, Area-Prod. Sect. 7-28-83
Name and title of representative of company

My commission expires July 5, 1987

Subscribed and sworn before me this 28 day of July, 19 83

at Colorado Blvd.
Denver, CO 80222
Edis J. Thompson

STATE OF UTAH
 DIVISION OF OIL, GAS, AND MINING
 ROOM 4241 STATE OFFICE BUILDING
 SALT LAKE CITY, UTAH 84114
 (801) 533-5771
 (RULE 1-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF
 Chevron U.S.A. Inc.

CAUSE NO. UIC-026

ADDRESS P. O. Box 599
Denver, CO ZIP 80201
 INDIVIDUAL PARTNERSHIP CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE ...RWU..No.....88..... WELL
 SEC. 18 TWP. 7S RANGE 23E
Uintah COUNTY, UTAH

ENHANCED RECOVERY INJ. WELL
 DISPOSAL WELL

APPLICATION

Comes now the applicant and shows the Division the following:

1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name <u>U-0116</u>	Well No. <u>88 (23-18B)</u>	Field <u>Red Wash</u>	County <u>Uintah</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NE 1/4, SW 1/4</u> Sec. <u>18</u> Twp. <u>7S</u> Rge. <u>23E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>12/28/81</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>2700</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What oil & gas
Location of Injection Source(s) <u>Fresh water from Green River</u>	Geologic Name(s) and Depth of Source(s) <u>Not Applicable</u>		
Geologic Name of Injection Zone <u>Green River</u>	Depth of Injection Interval <u>5612'</u> to <u>5780'</u>		
a. Top of the Perforated Interval: <u>5612'</u>	b. Base of Fresh Water: <u>2700</u>	c. Intervening Thickness (a minus b) <u>2912'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <input checked="" type="checkbox"/> YES NO			
Lithology of Intervening Zones <u>sand-shale</u>			
Injection Rates and Pressures Maximum = <u>2500 B/D</u> , Working = <u>800 B/D</u> Maximum = <u>3000 psi</u> , Working = <u>2000 PSI</u>			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent			
<u>Bureau of Land Management, State of Utah</u>			
<u>1400 University Club Building</u>			
<u>136 East South Temple</u>			
<u>Salt Lake City, Utah 84111</u>			

State of Colorado)

R.H. Ellidtt

Applicant

County of Denver)

R. H. ELLIDTT

Before me, the undersigned authority, on this day personally appeared R. H. ELLIDTT known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 28 day of July, 1983

My commission expires July 5, 1987.

Louis J. Thompson

My business address is:
Central Blvd.
Denver, CO 80222

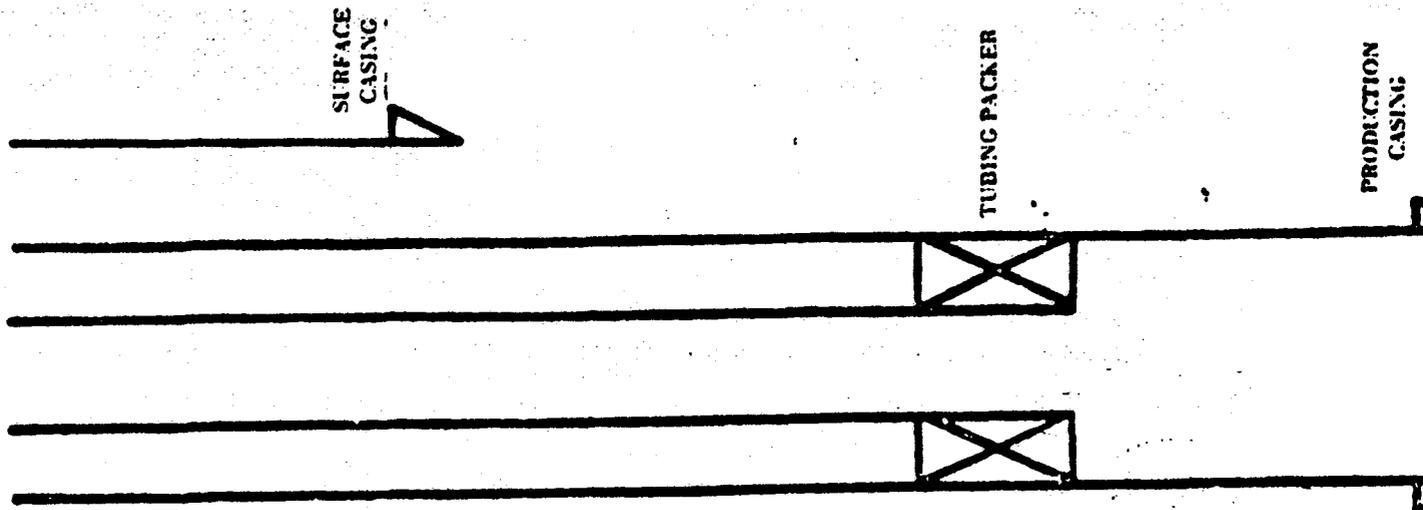
Notary Public in and for Colorado

1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.
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13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
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Intermediate					
Production	7"	5793'	340	3550'	Calculated
Tubing	2-7/8"	+ 5780'	Baker Name - Type - Depth of Tubing Packer "FH" Pkrs @ ± 5560' and 5710'		
Total Depth 5793'	Geologic Name - Inj. Zone Green River	Depth - Top of Inj. Interval 5612'	Depth - Base of Inj. Interval 5780'		

SKETCH - SUB-SURFACE FACILITY



API NO (u) 4

AM 11C-2

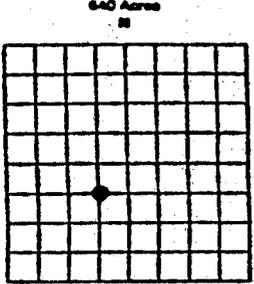
(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

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

COUNTY LEASE NO.

API NO 43-047-05518



COUNTY Uintah SEC 18 TWP. 7S RGE. 23
COMPANY OPERATING Chevron U.S.A. Inc.
OFFICE ADDRESS P. O. Box 599
TOWN Denver STATE ZIP CO 80201
FARM NAME Red Wash WELL NO. 88 (23-18B)
DRILLING STARTED 11/2 19 58 DRILLING FINISHED 11/26 19 58
DATE OF FIRST PRODUCTION 1/59 COMPLETED 12/10/58
WELL LOCATED NE 1/4 SW 1/4
1980 FT. FROM SE OF 1/4 SEC. & 660' FT. FROM WL OF 1/4 SEC.
ELEVATION DERRICK FLOOR 5465' GROUND 5453'

TYPE COMPLETION

Single Zone X Order No. _____
Multiple Zone _____ Order No. _____
Comingled _____ Order No. _____
LOCATION EXCEPTION _____ Order No. _____ Penalty _____

OIL OR GAS ZONES

Name	From	To	Name	From	To
Green River	4500	5800			

CASING & CEMENT

Casing Set		Csg. Test		Cement			
Size	Wgt	Grade	Feet	Psi	Sex	Fillup	Top
10-3/4"	40.5#	J-55	229	-	180	-	Surface
7"	23#	N-80 J55	5793	1000	340	-	3550

Packers Depth ± 5560, ± 5710

TOTAL DEPTH 5793

FORMATION	Green River	
SPACING & SPACING ORDER NO.	80 -acre spacing	
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Enhanced recovery	
PERFORATED	5612-17	
INTERVALS	5654-70	
	5760-80	
ACIDIZED?	5612-5780	w/ 15% HCl acid
FRACTURE TREATED?	5760-80	sand-oil squeeze

INITIAL TEST DATA

Date	1/59		
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Oil Gravity	28		
Gas. Cu. Ft./day	131	Mcf	Cf
Gas-Oil Ratio Cu. Ft./Bbl.	1310		
Water-Bbl./day	35		
Pumping or Flowing	Pumping		
CHOKE SIZE	-		
FLOW TUBING PRESSURE	-		

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone (303) 681-7437 R. L. Elliott, Area - Prod. Dept. 7-28-83
Name and title of representative of company

My Commission expires July 5, 1987
Subscribed and sworn before me this 28 day of July, 1983

CBL DESCRIPTIONS

Injection Well

RWU No. 88 (23-18B)

A cement bond log is not available for No. 88. The cement top is calculated to be at 3550'. Perforations are at 5612'-5780' (gross interval).

Offset Producers

RWU No. 43 (12-17B)

The CBL shows the cement top at 3060'. Good bond exists from TD (5850') to 5510' and fair bond from 5510'-5230' with poor bond streaks from 5480'-5510', 5340'-55', and 5270'-90'. Poor bond quality exists from 5230'-5090'. From 5090' to the cement top, good to fair bonding exists with poor streaks from 4885'-4900', 4340'-85', 4000'-80', 3500'-3600', 3410'-20', and 3360'-80'. The perforated interval is 5044'-5722'.

RWU No. 52 (14-18B)

A cement bond log is not available for No. 52. The top of the cement is calculated to be at 3250'. The gross perforated interval is 5104'-5683'.

RWU No. 66 (34-18B)

A cement bond log is not available for No. 66 (34-18B). The cement top is calculated to be at 4320' from the temperature log. The production interval is 5604'-5770'.

RWU No. 115 (21-19B)

A cement bond log is not available for No. 115 (21-19B). The cement top is calculated to be at + 3320'. The production interval is 5628'-5743'.

RWU No. 123 (43-13A)

A cement bond log is not available for No. 123 (43-13A). The cement top is calculated to be at + 3200'. The production interval is 5772'-92'.

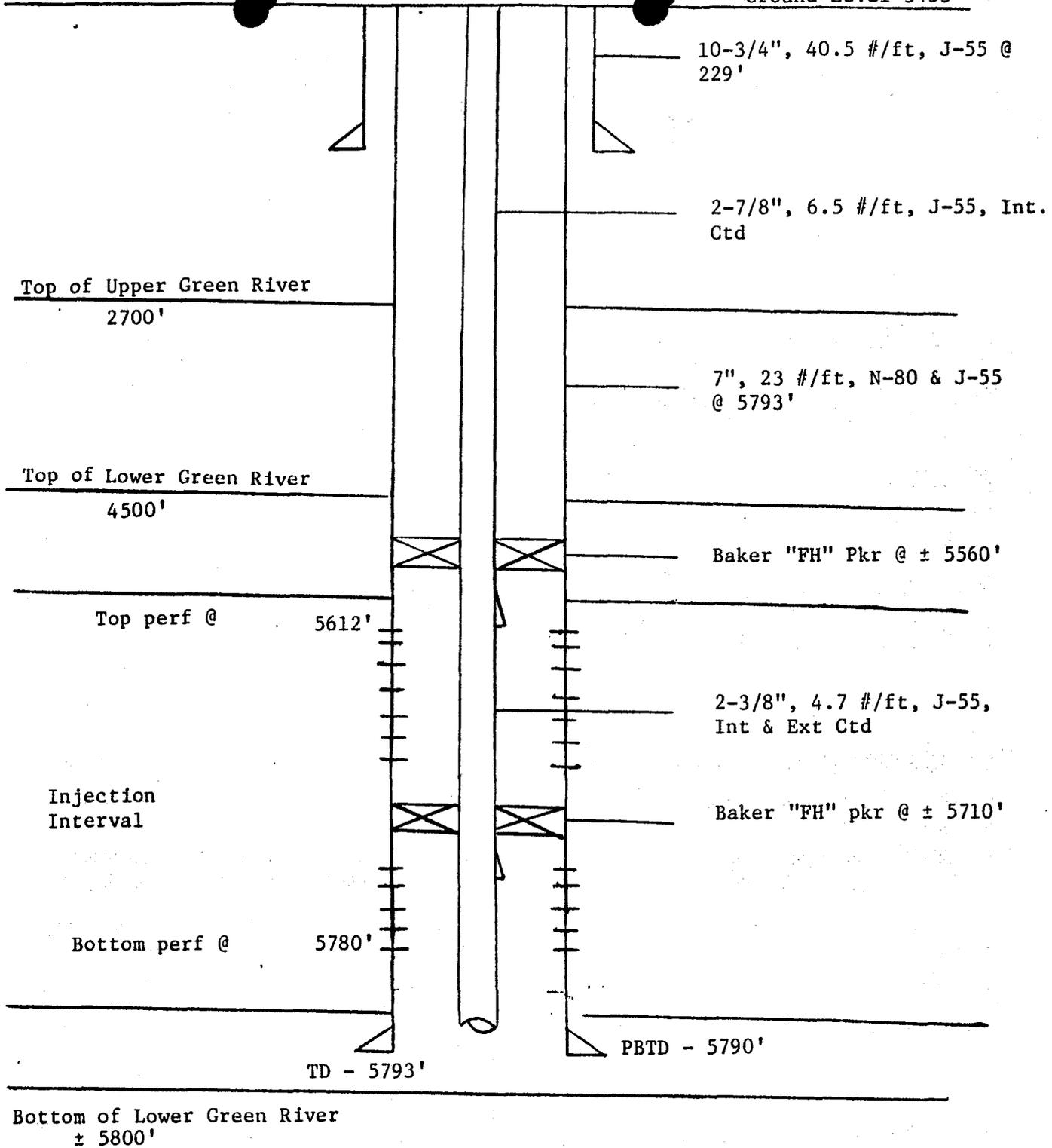
RWU No. 135 (12-18B)

A cement bond log is not available for No. 135. The cement top is calculated to be at 3383'. Producing interval is from 5783' to 5794'.

RWU No. 144 (21-18B)

No. 144 has a cement top at 4050' and a perforated interval from 5765' to 5820'. Cement bonding is generally fair with poor sections located within the gross interval from 5650' to 5800'.

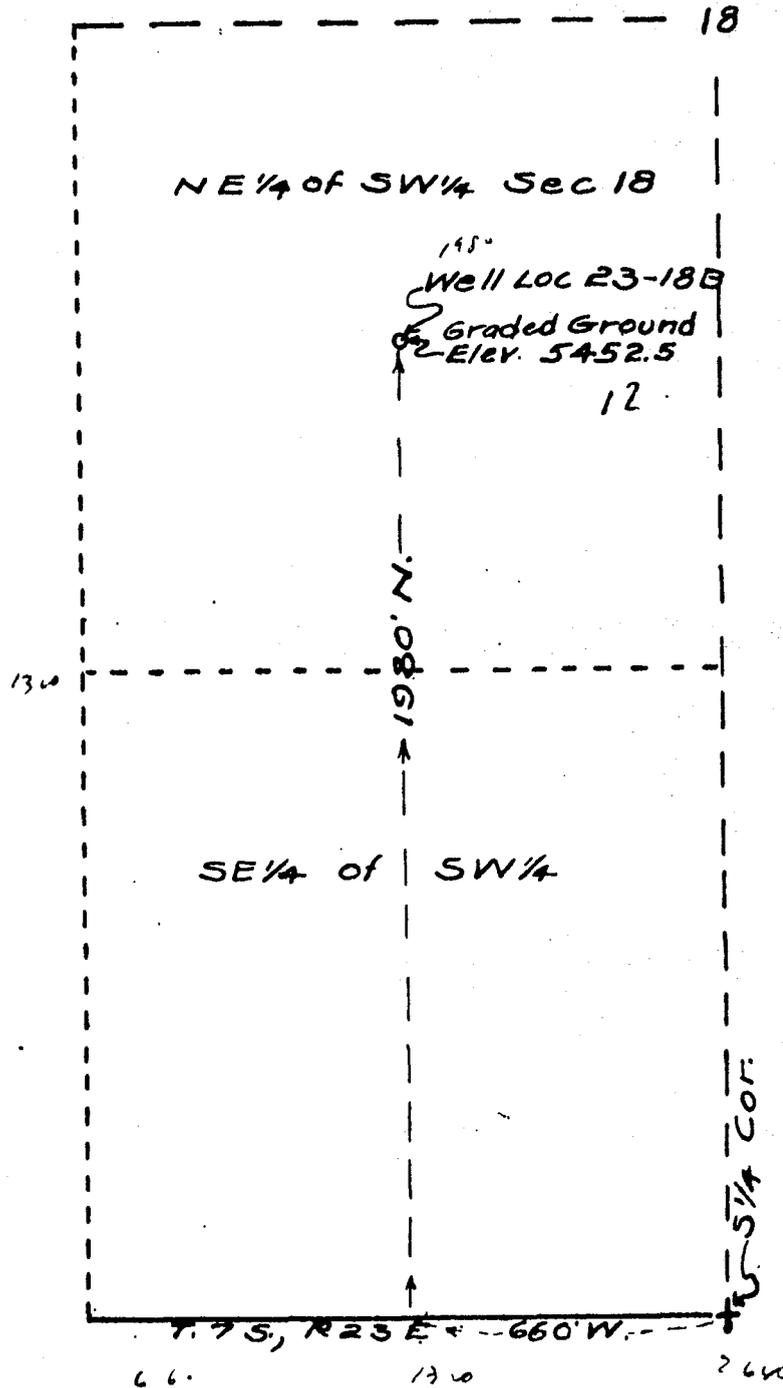
Ground Level 5453'



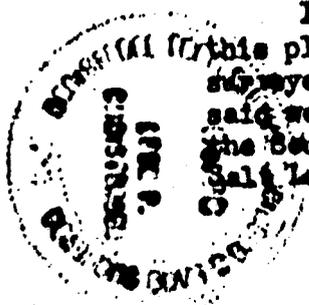
Red Wash Unit #88 (23-18B)
Wellbore Schematic

PLAT SHOWING LOCATION OF THE STANDARD OIL COMPANY OF CALIFORNIA WELL IN THE NE¹/₄ OF THE SW¹/₄ SECTION 18, TOWNSHIP 7 SOUTH, RANGE 23 EAST, SALT LAKE BASE AND MERIDIAN.

Scale of plat 1" = 400 feet



I, Leon P. Christensen, of Vernal, Utah, do hereby certify that this plat correctly shows the location of the well shown hereon as surveyed by me on July 22, 1958 and levels run on August 7, 1958; that said well is located at a point 660 feet West and 1980 feet North of the South quarter corner Section 18, Township 7 South, Range 23 East Salt Lake Base and Meridian.



Leon P. Christensen
Prof. Engr. and Land Surveyor

UIC-026

CLASS II FILE NOTATIONS

DATE FILED: 8-4-83 OPERATOR: Chevron USA Inc. WELL NO. 88 (23-18B)

Sec. 18 T. 75 R. 23E QRT/QRT: NE/SW COUNTY: Uintah

New Well? Conversion? X Disposal Enhanced Recovery X

SURETY/Bond? Yes Card Indexed? API Number: 43-047-15210

APPLICATION FILE COMPLETION

Completed Form DOGM-UIC-1? Yes

Plat identifying location and total depth of the following, Rule I-5(b)(1):

Surface Owner(s): BLM Operators: water well(s) , abandoned well(s) , producing wells or drilling well(s) , dry holes .

Completed Rule I-5(b)(2)? Yes, (i) , (ii)

Schematic diagram of Well: TD: 5793', PBD: 5790', Depth of Inj/Disp interval: 5612'-5780', geologic name of inj/dis interval Green River, Casing and cement: top Surface, bottom 5793', Size of casing 10 3/4" - 229', 7" @ 5793' tubing 2 7/8" - 5743', depth of packer:

Assessment of existing cement bond: Good
Location of Bottomhole: MAXIMUM INJECTION RATE: 2500 B/d Working
MAXIMUM SURFACE INJECTION PRESSURE: 3,000 psi 800 B/d

Proposed Operating Data: Working 2,000 psi

Procedure for controlling injection rates and pressures:
Geologic name: Green River, depth, , location of injection fluid source. Analysis of water to be injected Fresh water tds., water of injection formation tds., EXEMPTION REQUIRED? No.

Injection zone and confining zone data: lithologic description Sand-shale, geologic name Green River, thickness 2912', depth , lateral extent Intervening

USDW's that may be affected by injection: geologic name None, lateral extent , depth to the top and bottom of all known USDW's Base of Fresh water 2700'

Contingency plans?

Results of formation testing?
Description of mechanical integrity test , injection procedure

CHECKED BY: UIC ADMINISTRATOR:

UIC GEOLOGIST: [Signature]

Application Complete? Yes Notice Published Yes, Date: 8/16/83
DIRECTOR: Approved? , approval letter sent , Requires hearing

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, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FWL NESW
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>Convert to Water Injection</u>		

5. LEASE
U-0116

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
RWU 88 (23-18B)

10. FIELD OR WILDCAT NAME
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 18, T7S, R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 5644'

(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 convert this shut-in Oil Well to a Water Injection Well as per the attached procedure.

An application to convert well to an Enhanced-Recovery Injection Well has been forwarded to the State of Utah, Division of Oil, Gas, and Mining.

Attachment: Copy of Application submitted to State of Utah to use in place of NTL-2B.

- 3-BLM
- 2-State
- 3-Partners
- 1-JAH
- 1-LJT
- 1-REO
- 1-Sec. 723
- 1-File

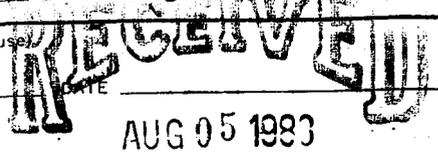
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE Engineering Asst. DATE August 3, 1983

(This space for Federal or State office use)

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



*See Instructions on Reverse Side

RWU #88 (23-18B)
Red Wash Unit/North Central
April 25, 1983

Location: Sec. 18, T7S, R23E, NE $\frac{1}{4}$ SW $\frac{1}{4}$ Lease-U-0116
660'W and 1980'N Uintah County, Utah
GL: 5,449', KB: 5,464', TD: 5,793', PBSD: 5,790'

Casing Detail:

3 jts	7", 23#, N-80, 8rd, LT&C, New csg	132'
91 jts	7", 23# and 26# mixed, J-55, 8rd, LT&C second hand	3,571'
49 jts	7", 23#, J-55, 8rd, LT&C, new csg	1,998'
1 jt	7", 26#, J-55, 8rd, LT&C, second hand csg	41'
1 jt	7", 23#, J-55, 8rd, ST&C, Brtsh	30'
1 jt	7", 23#, J-55, 8rd, ST&C, new csg	43'
	Total Csg Run	5,815'
	Casing Above KB	22'
	Csg Landed @	5,793'

Well History:

Initial Completion (12/58)

Perforate 5,760-80 and 5,654-70 w/3-1/2" bullets/ft and 3 jets/ft
Sand-oil squeezed all perforations.
Initial Production: 100 BOPD, 35 BWPD, 131 MCFD

Workover (6/61) Perforate and Frac

Perforate 5,776-78 and 5,767-70 w/vertical notches
Sand water frac perms 5,760-80
Production before: 9 BOPD, 1 BWPD, 60 MCFD
Production after: 42 BOPD, 6 BWPD, 7 MCFD

Workover (12/81) Perforate and Acidize

Perforate 5,612-17 w/2 jets/ft
Acidize all perforations
Production before: Shut-in since 1965
Production after: 4 BOPD, 35 BWPD, 16 MCFD

RWU #88 (23-18B)
Red Wash Unit/North Central
April 25, 1983

Tubing Detail

KB	12.00'
BWH	.81'
15K Tension	1.50'
181 jts 2-7/8", 6.5#, J-55 8rd EUE tbg	5,594.70'
BAC	1.35'
3 jts 2-7/8", 6.5#, J-55, 8rd EUE tbg	93.14'
PSN	1.10'
2-7/8" Tbg sub	8.00'
Gas Anchor	30.54'
Tbg Landed @	5,743.14'

Rod Detail

1 - Polish Rod 1-1/2" x 22'
2 - Pony Rods 1" x 6'
1 - Pony Rod 1" x 2'
56 - Sucker Rod 1" x 25'
66 - Sucker Rod 7/8" x 25'
103 - Sucker Rod 3/4" x 25'
Pump A-123 2-1/2" x 1-3/4" x 12' x 13' x 15'
*Pump is not landed.

Open Perforation: 3-1/2" bullets/ft and 3 jets/ft @	5,760-80	KA
	5,654-70	JD
Vertical Notches @	5,776-78	KA
	5,767-70	KA
2 Jets/ft @	5,612-17	JB

Current Production: Shut-in since August 1982

RWU #88 (23-18B)
Red Wash Unit/North Central
April 25, 1983

Workover Procedures:

1. Hot oil casing and tubing. MIR and RU.
2. POOH w/rods and pump.
3. ND tree. NU BOPE. Pressure test BOPE.
4. POOH w/production string.
5. C/O to PBTD @ 5,790'.
6. Pressure test casing above top perfs @ 5,612 to 1,000 psi.
7. Isolate perfs 5,760-80 and pump 50 bbls produced water at 1,500 psi. Notify Denver if rate is less than 1 BPM or if communication occurs. If necessary, spot acid or repair blank as Denver Drilling specifies.*
8. Isolate perfs 5,654-70 and pump 50 bbls produced water at 1,500 psi. Notify Denver if rate is less than 1 BPM. Spot acid as required.
9. Repeat step 7 for perfs 5,612-17.
10. Isolate perfs 5,612-70 and pump 50 bbl produced water at 1,500 psi. Notify Denver with injection rate to determine orifice sizes.
11. RIH w/SIE as follows:
 - Standing valve @ 5,785'
 - Bottom mandrel @ +5,720'
 - Bottom packer @ +5,710'
 - Top mandrel @ +5,570'
 - Top packer @ +5,560'
12. Circulate packer fluid and freeze blanket into place. Set packers.
13. Run the plug into standing valve and run orifices as Denver specifies.
14. Turn well over to Red Wash Production.

*The blank from 5,760-5,670 held 6.3 BPM/2,250 psi during a January 1982 acid job.



CALCULATION SHEET
Chevron U.S.A. Inc.

Date / /

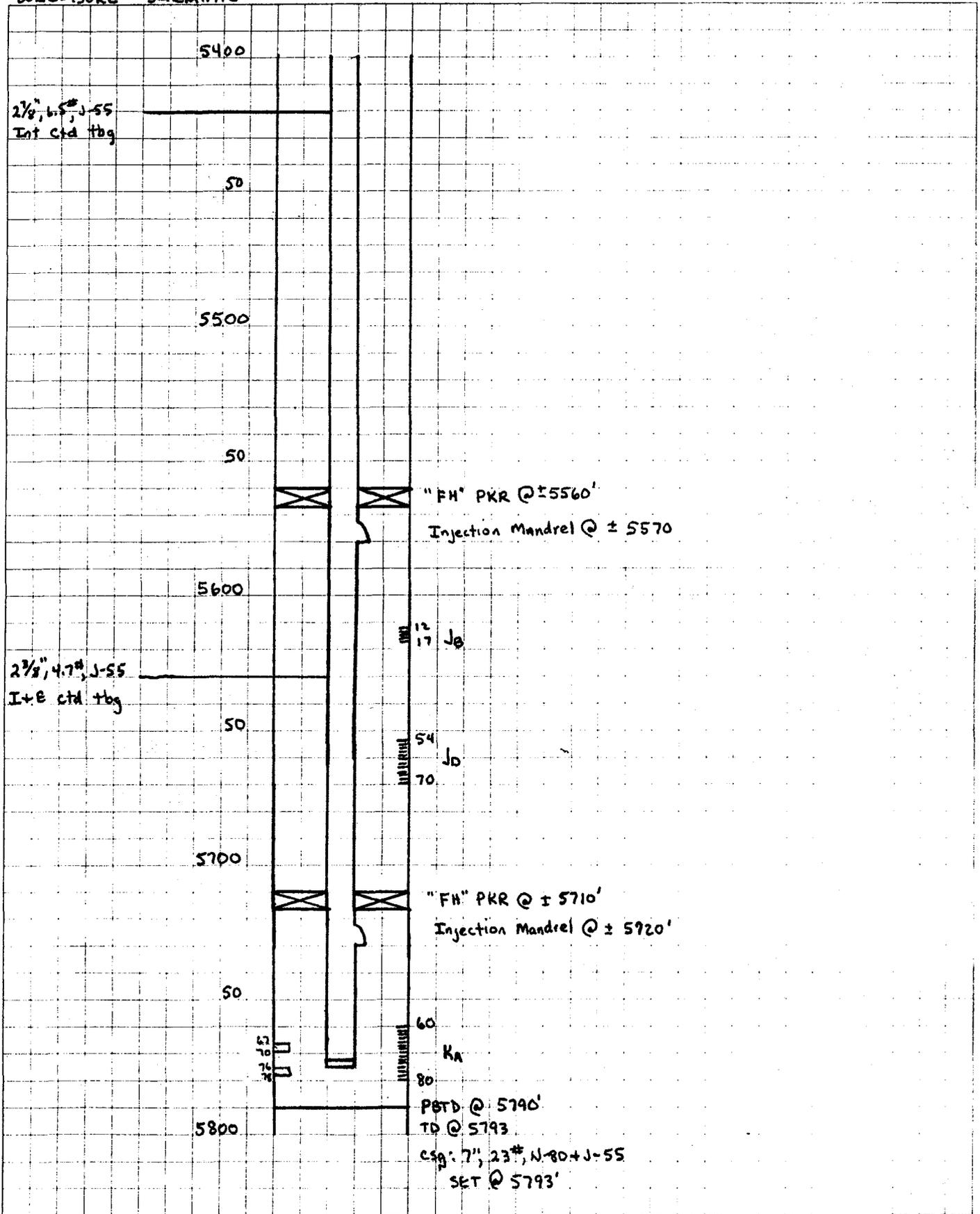
Prepared by Page No. of

North Central WATERFLOOD

Title
Red Wash Unit No. 88 (23-18 B)

Location Department Project Number

WELLBORE Schematic



CBL DESCRIPTIONS

Injection Well

RWU No. 88 (23-18B)

A cement bond log is not available for No. 88. The cement top is calculated to be at 3550'. Perforations are at 5612'-5780' (gross interval).

Offset Producers

RWU No. 43 (12-17B)

The CBL shows the cement top at 3060'. Good bond exists from TD (5850') to 5510' and fair bond from 5510'-5230' with poor bond streaks from 5480'-5510', 5340'-55', and 5270'-90'. Poor bond quality exists from 5230'-5090'. From 5090' to the cement top, good to fair bonding exists with poor streaks from 4885'-4900', 4340'-85', 4000'-80', 3500'-3600', 3410'-20', and 3360'-80'. The perforated interval is 5044'-5722'.

RWU No. 52 (14-18B)

A cement bond log is not available for No. 52. The top of the cement is calculated to be at 3250'. The gross perforated interval is 5104'-5683'.

RWU No. 66 (34-18B)

A cement bond log is not available for No. 66 (34-18B). The cement top is calculated to be at 4320' from the temperature log. The production interval is 5604'-5770'.

RWU No. 115 (21-19B)

A cement bond log is not available for No. 115 (21-19B). The cement top is calculated to be at + 3320'. The production interval is 5628'-5743'.

RWU No. 123 (43-13A)

A cement bond log is not available for No. 123 (43-13A). The cement top is calculated to be at + 3200'. The production interval is 5772'-92'.

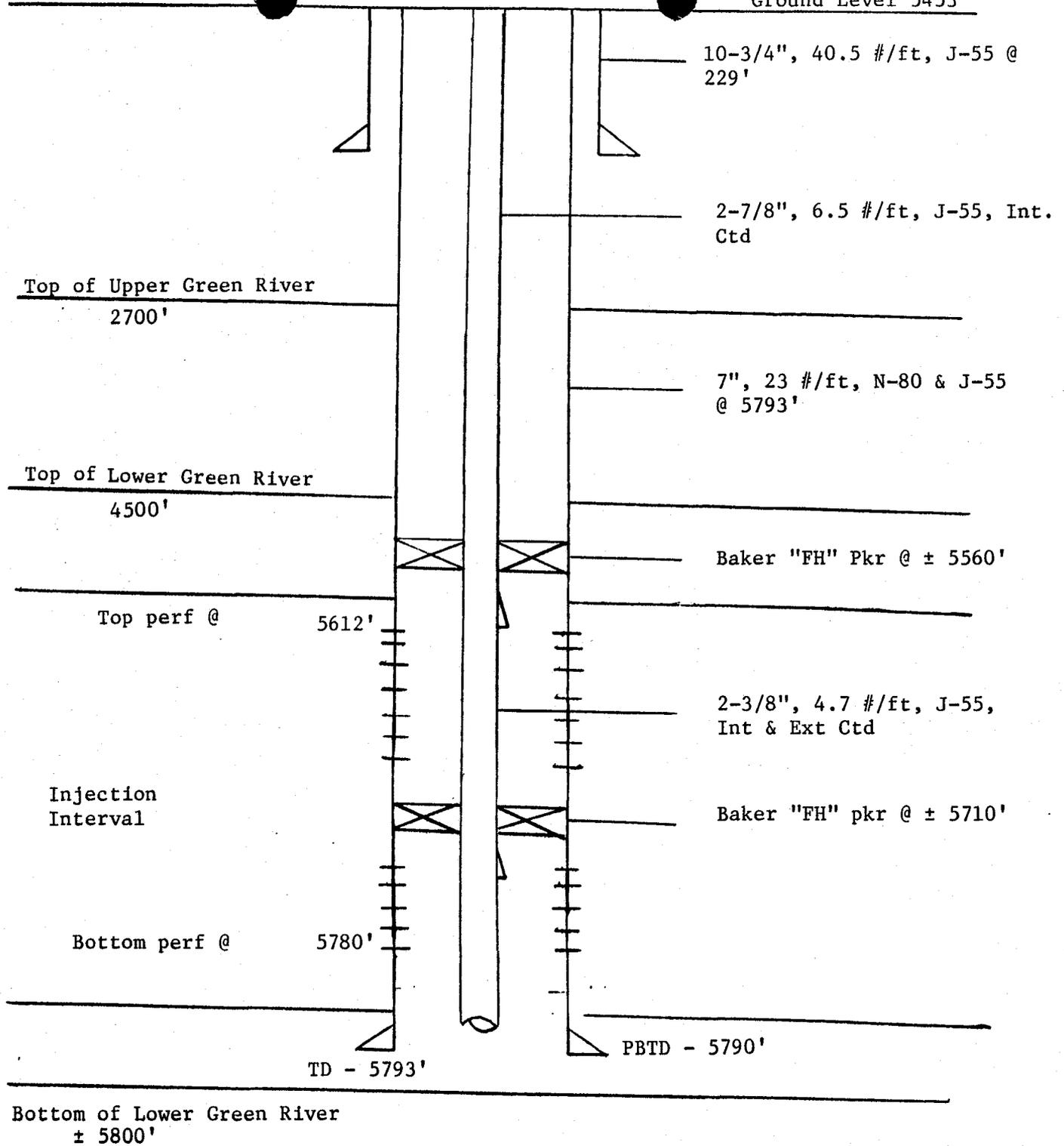
RWU No. 135 (12-18B)

A cement bond log is not available for No. 135. The cement top is calculated to be at 3383'. Producing interval is from 5783' to 5794'.

RWU No. 144 (21-18B)

No. 144 has a cement top at 4050' and a perforated interval from 5765' to 5820'. Cement bonding is generally fair with poor sections located within the gross interval from 5650' to 5800'.

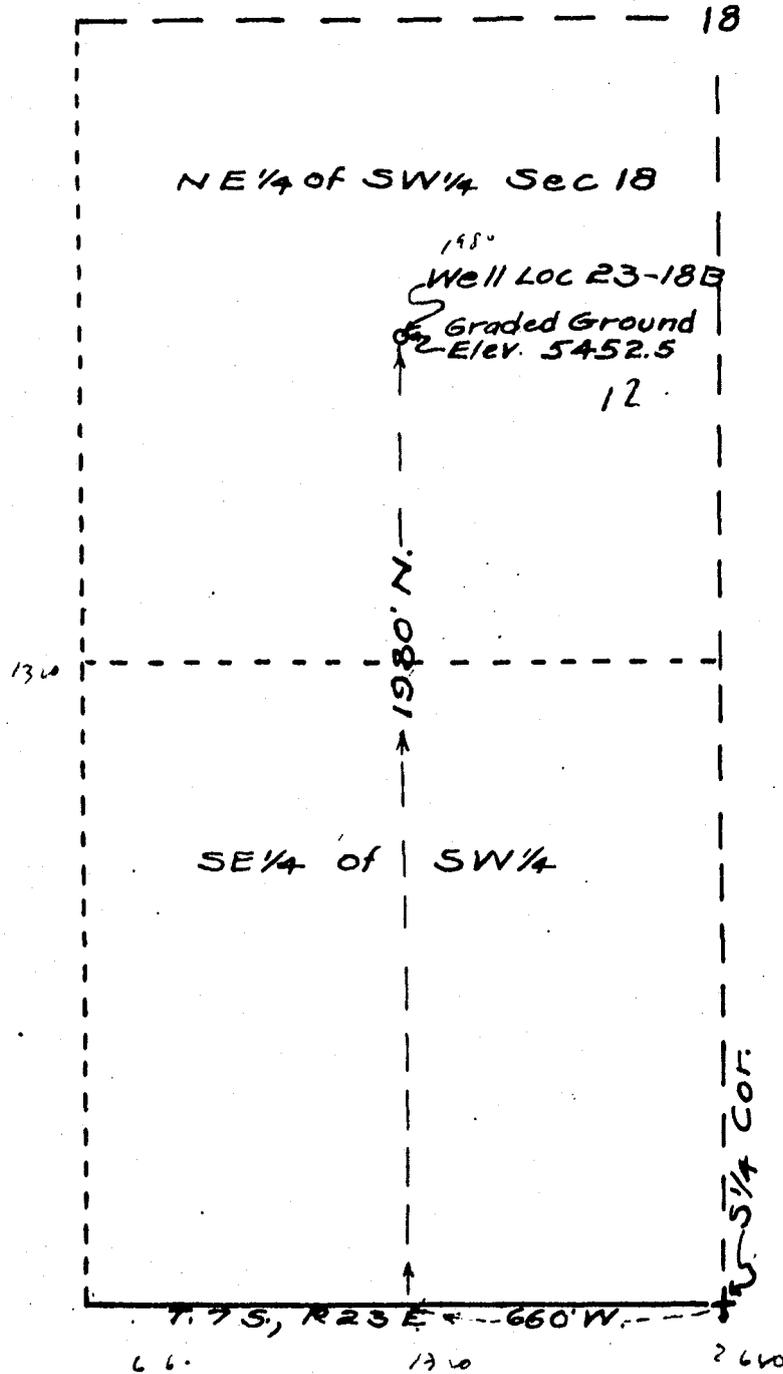
Ground Level 5453'



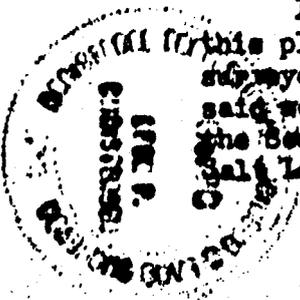
Red Wash Unit #88 (23-18B)
Wellbore Schematic

PLAT SHOWING LOCATION OF THE STANDARD OIL COMPANY OF CALIFORNIA WELL IN THE NE¹/₄ OF THE SW¹/₄ SECTION 18, TOWNSHIP 7 SOUTH, RANGE 23 EAST, SALT LAKE BASE AND MERIDIAN.

Scale of plat 1" = 400 feet



I, Leon P. Christensen, of Vernal, Utah, do hereby certify that this plat correctly shows the location of the well shown hereon as surveyed by me on July 22, 1958 and levels run on August 7, 1958; that said well is located at a point 660 feet West and 1980 feet North of the South quarter corner Section 18, Township 7 South, Range 23 East Salt Lake Base and Meridian.



Leon P. Christensen
Prof. Engr. and Land Surveyor

CBL DESCRIPTIONS

Injection Well

RWU No. 88 (23-18B)

A cement bond log is not available for No. 88. The cement top is calculated to be at 3550'. Perforations are at 5612'-5780' (gross interval).

Offset Producers

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RWU No. 66 (34-18B)

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RWU No. 115 (21-19B)

A cement bond log is not available for No. 115 (21-19B). The cement top is calculated to be at +3320'. The production interval is 5628'-5743'.

RWU No. 123 (43-13A)

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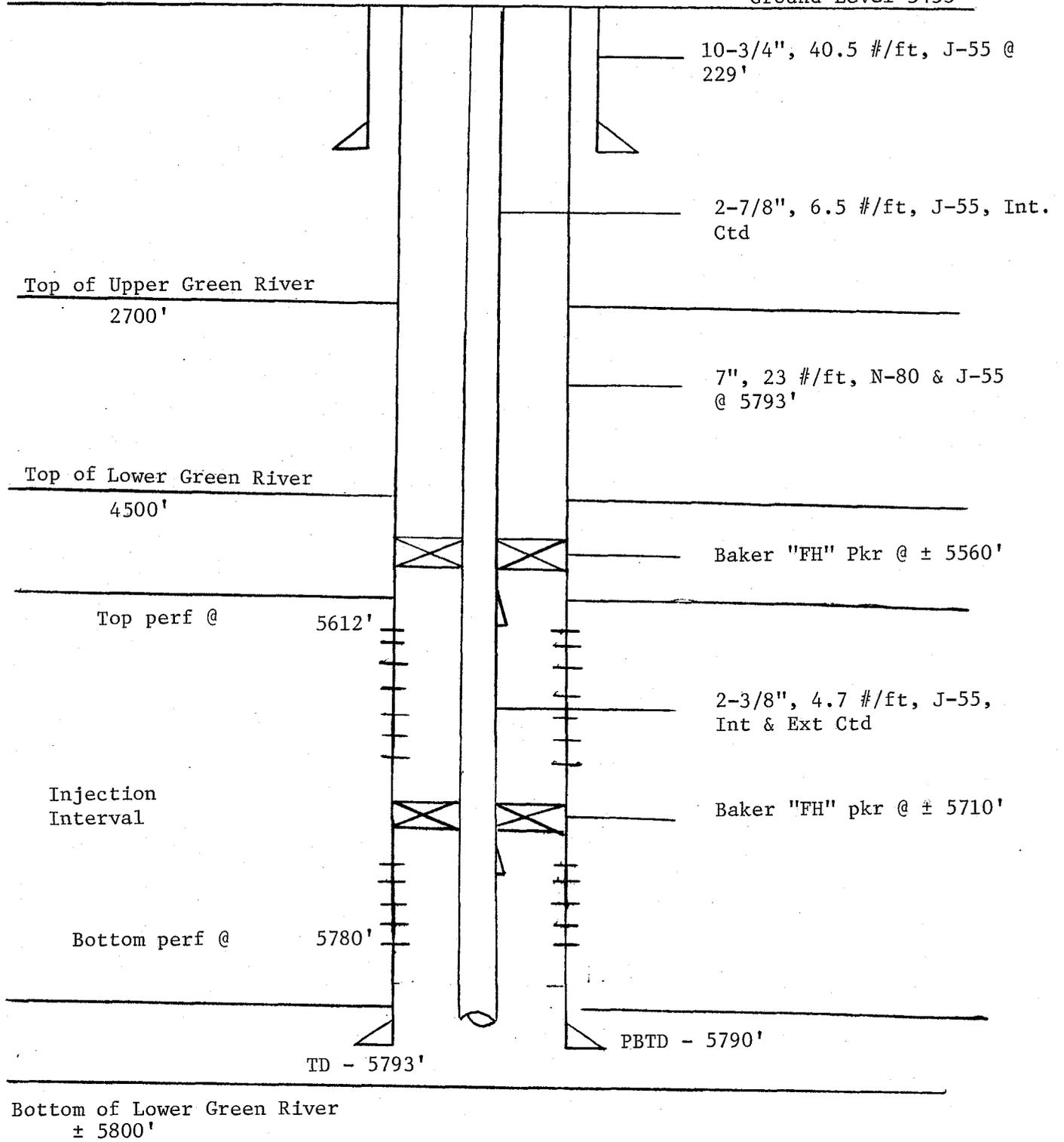
RWU No. 135 (12-18B)

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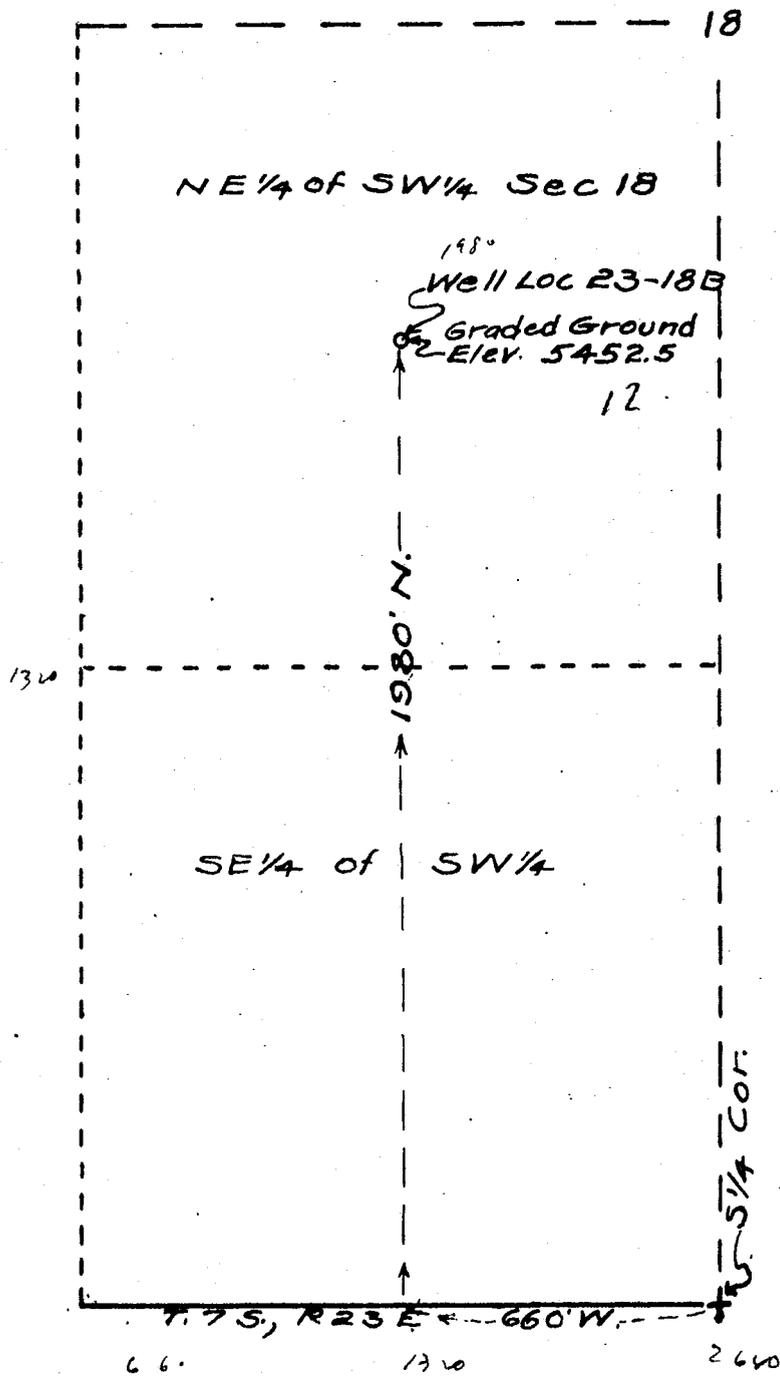
Ground Level 5453'



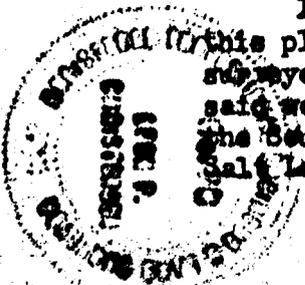
Red Wash Unit #88 (23-18B)
Wellbore Schematic

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Leon P. Christensen
Prof. Engr. and Land Surveyor

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, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FWL NESW
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>Convert to Water Injection</u>		

5. LEASE
U-0116

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
RWU 88 (23-18B)

10. FIELD OR WILDCAT NAME
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 18, T7S, R23E

12. COUNTY OR PARISH Utah 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 5644'

(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 convert this shut-in Oil Well to a Water Injection Well as per the attached procedure.

An application to convert well to an Enhanced Recovery Injection Well has been forwarded to the State of Utah, Division of Oil, Gas, and Mining.

Attachment: Copy of Application submitted to State of Utah to use in place of NTL-2B.

3-BLM
2-State
3-Partners
1-JAH
1-LJT
1-REO
1-Sec. 723
1-File

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

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

SIGNED [Signature] TITLE Engineering Asst. DATE August 3, 1983

(This space for Federal or State office use)

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

RWU #88 (23-18B)
Red Wash Unit/North Central
April 25, 1983

Location: Sec. 18, T7S, R23E, NE $\frac{1}{4}$ SW $\frac{1}{4}$ Lease-U-0116
660'W and 1980'N Uintah County, Utah
GL: 5,449', KB: 5,464', TD: 5,793', PBD: 5,790'

Casing Detail:

3 jts	7", 23#, N-80, 8rd, LT&C, New csg	132'
91 jts	7", 23# and 26# mixed, J-55, 8rd, LT&C second hand	3,571'
49 jts	7", 23#, J-55, 8rd, LT&C, new csg	1,998'
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1 jt	7", 23#, J-55, 8rd, ST&C, new csg	43'
	Total Csg Run	5,815'
	Casing Above KB	22'
	Csg Landed @	5,793'

Well History:

Initial Completion (12/58)

Perforate 5,760-80 and 5,654-70 w/3-1/2" bullets/ft and 3 jets/ft
Sand-oil squeezed all perforations.
Initial Production: 100 BOPD, 35 BWPD, 131 MCFD

Workover (6/61) Perforate and Frac

Perforate 5,776-78 and 5,767-70 w/vertical notches
Sand water frac perms 5,760-80
Production before: 9 BOPD, 1 BWPD, 60 MCFD
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Perforate 5,612-17 w/2 jets/ft
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RWU #88 (23-18B)
Red Wash Unit/North Central
April 25, 1983

Tubing Detail

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BWH	.81'
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BAC	1.35'
3 jts 2-7/8", 6.5#, J-55, 8rd EUE tbg	93.14'
PSN	1.10'
2-7/8" Tbg sub	8.00'
Gas Anchor	30.54'
Tbg Landed @	5,743.14'

Rod Detail

- 1 - Polish Rod 1-1/2" x 22'
- 2 - Pony Rods 1" x 6'
- 1 - Pony Rod 1" x 2'
- 56 - Sucker Rod 1" x 25'
- 66 - Sucker Rod 7/8" x 25'
- 103 - Sucker Rod 3/4" x 25'
- Pump A-123 2-1/2" x 1-3/4" x 12' x 13' x 15'
- *Pump is not landed.

Open Perforation: 3-1/2" bullets/ft and 3 jets/ft @	5,760-80	KA
	5,654-70	JD
Vertical Notches @	5,776-78	KA
	5,767-70	KA
2 Jets/ft @	5,612-17	JB

Current Production: Shut-in since August 1982

RWU #88 (23-18B)
Red Wash Unit/North Central
April 25, 1983

Workover Procedures:

1. Hot oil casing and tubing. MIR and RU.
2. POOH w/rods and pump.
3. ND tree. NU BOPE. Pressure test BOPE.
4. POOH w/production string.
5. C/O to PBTD @ 5,790'.
6. Pressure test casing above top perms @ 5,612 to 1,000 psi.
7. Isolate perms 5,760-80 and pump 50 bbls produced water at 1,500 psi. Notify Denver if rate is less than 1 BPM or if communication occurs. If necessary, spot acid or repair blank as Denver Drilling specifies.*
8. Isolate perms 5,654-70 and pump 50 bbls produced water at 1,500 psi. Notify Denver if rate is less than 1 BPM. Spot acid as required.
9. Repeat step 7 for perms 5,612-17.
10. Isolate perms 5,612-70 and pump 50 bbl produced water at 1,500 psi. Notify Denver with injection rate to determine orifice sizes.
11. RIH w/SIE as follows:
 - Standing valve @ 5,785'
 - Bottom mandrel @ +5,720'
 - Bottom packer @ +5,710'
 - Top mandrel @ +5,570'
 - Top packer @ +5,560'
12. Circulate packer fluid and freeze blanket into place. Set packers.
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14. Turn well over to Red Wash Production.

*The blank from 5,760-5,670 held 6.3 BPM/2,250 psi during a January 1982 acid job.



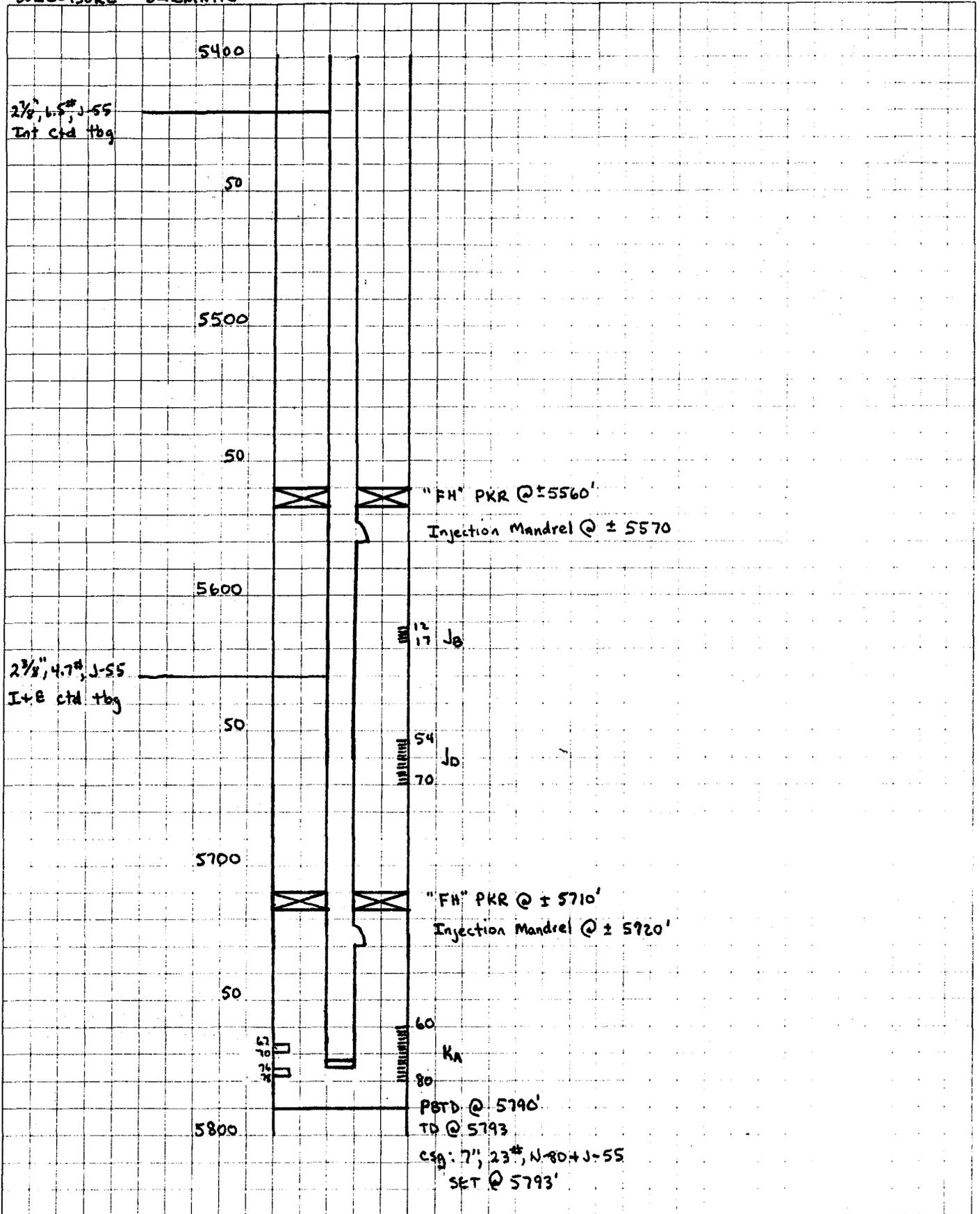
CALCULATION SHEET
Chevron U.S.A. Inc.

Date	
Prepared by	Page No.
	of
Location	Department
	Project Number

North Central WATERFLOOD

Red Wash Unit No. 88 (23-18 B)

WELLBORE Schematic





Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

August 1, 1983

R. H. Elliott
Area Superintendent

Mr. Gilbert L. Hunt
State of Utah
Natural Resources & Energy
4241 State Office Building
Salt Lake City, UT 84114

Dear Mr. Hunt:

Submitted for your approval is Chevron U.S.A. Inc.'s application to convert Red Wash Unit No. 88 (23-18B) to water injection. This shut-in oil producer is being converted to water injection service in order to improve recovery in the north central portion of the field (Sections 17, 18, and 19 in T7S, R23E and Sections 13 and 24 in T7S, R22E). If you have any questions concerning this application or the above described project, please contact Mr. Tom Tirlia at (303) 691-7313.

Yours very truly,

RJS:jg
Enclosure

RECEIVED
AUG 04 1983

DIVISION OF
OIL GAS & MINING

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

IN THE MATTER OF THE APPLICATION)
OF CHEVRON USA, INC., FOR)
ADMINISTRATIVE APPROVAL TO INJECT)
WATER INTO A WELL LOCATED IN) CAUSE NO. UIC-026
SECTION 18, TOWNSHIP 7 SOUTH,)
RANGE 23 EAST, UINTAH COUNTY,)
UTAH.)

THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS,
PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS,
PARTICULARLY IN UINTAH COUNTY, UTAH:

NOTICE IS HEREBY GIVEN that Chevron USA, Inc., P.O. Box 599,
Denver, Colorado, 80201, is requesting that the Division authorize
the approval to convert the well mentioned below, to a water injection
well as follows:

Township 7 South, Range 23 East

Sec. 18, Well # 88 (23-18B)

NE SW

INJECTION ZONE: Green River Formation 5612' to 5780'

MAXIMUM INJECTION PRESSURE: 3,000 psi, Working pressure 2,000 psi

MAXIMUM INJECTION RATE: 2,500 B/D, Working rate 800 B/D

This application will be granted unless objections are filed with
the Division of Oil, Gas and Mining within fifteen days after publication
of this Notice. Objections if any, should be mailed to: Division of
Oil, Gas and Mining, Room 4241 State Office Building, Salt Lake City,
Utah 84114.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



MARJORIE L. LARSON
Secretary of the Board



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

August 9, 1983

Vernal Express
Legal Advertising
Vernal, UT 84078

Re: CAUSE NO. UIC-026

Gentlemen:

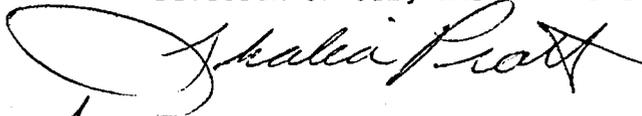
Attached hereto is a Notice of Application for Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 16th day of August, 1983. In the event that said notice cannot be published by this date, please notify this office immediately by calling 533-5771.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

Very truly yours,

DIVISION OF OIL, GAS AND MINING


MARJORIE L. LARSON
Secretary of the Board

Attachment



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

August 9, 1983

Newspaper Agency Corp.
Legal Advertising
143 South Main
Salt Lake City, UT

Re: CAUSE NO. UIC-026

Gentlemen:

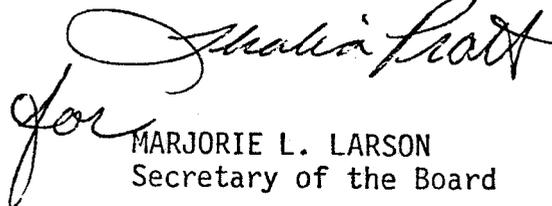
Attached hereto is a Notice of Application for Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 16th day of August, 1983. In the event that said notice cannot be published by this date, please notify this office immediately by calling 533-5771.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

Very truly yours,

DIVISION OF OIL, GAS AND MINING


for
MARJORIE L. LARSON
Secretary of the Board

Attachment

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

IN THE MATTER OF
THE APPLICATION OF
CHEVRON USA, INC.,
FOR ADMINISTRATIVE AP-
PROVAL TO INJECT
WATER INTO A WELL
LOCATED IN SECTION
18, TOWNSHIP 7
SOUTH, RANGE 23
EAST, UINTAH COUN-
TY, UTAH.

CAUSE NO. UIC-026

The State of Utah to all
persons, owners, pro-
ducers, operators, pur-
chasers and takers of oil
and gas and all other in-
terested persons, par-
ticularly in Uintah Coun-
ty, Utah:

NOTICE IS HEREBY
GIVEN that Chevron
USA, Inc., P.O. Box 599,
Denver, Colorado, 80201,
is requesting that the
Division authorize the
approval to convert the
well mentioned below, to
a water injection well as
follows:

Township 7 South,
Range 23 East; Section
18, Well No. 88 (23-18B)
NE SW

Injection Zone: Green
River Formation 5612' to
5780'

Maximum injection
pressure: 3,000 psi,
Working pressure 2,000
psi.

Maximum injection
rate: 2,500 B/D, Working
rate 800 B/D

This application will be
granted unless objec-
tions are filed with the
Division of Oil, Gas and
Mining within fifteen
days after publication on
this Notice. Objections if
any, should be mailed to:
Division of Oil, Gas and
Mining, Room 4241 Sate
Office Building, Salt
Lake City, Utah 84114.

STATE OF UTAH
DIVISION OF OIL, GAS
AND MINING

MARJORIE L. LARSON
Secretary to the Board

Published in the Vernal
Express on August 12,
1983.

PROOF OF PUBLICATION

STATE OF UTAH, }
County of Uintah } ss.

I, Shelby Powell,

being duly sworn, depose and say, that I
am the Business Manager of The Vernal
Express, a weekly newspaper of general
circulation, published once each week at
Vernal, Utah, that the notice attached
hereto was published in said newspaper

for one consecutive weeks,

the first publication having been made on

the 12th day of August, 1983

and the last on the _____ day of

_____, 19____, that said notice

was published in the regular and entire
issue of every number of the paper during
the period and times of publication, and
the same was published in the newspaper
proper and not in a supplement.

By Shelby Powell
Manager

Subscribed and sworn to before me,

this 12th day of August

A. D. 1983

Carl P. Smith
Notary Public, Residence, Vernal, Utah

My Commission expires June 16, 1985

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

IN THE MATTER OF
THE APPLICATION OF
CHEVRON USA, INC.,
FOR ADMINISTRATIVE AP-
PROVAL TO INJECT
WATER INTO A WELL
LOCATED IN SECTION
18, TOWNSHIP 7
SOUTH, RANGE 23
EAST, UINTAH COUN-
TY, UTAH.

CAUSE NO. UIC-026

The State of Utah to all
persons, owners, pro-
ducers, operators, pur-
chasers and takers of oil
and gas and all other in-
terested persons, par-
ticularly in Uintah Coun-
ty, Utah:

NOTICE IS HEREBY
GIVEN that Chevron
USA, Inc., P.O. Box 599,
Denver, Colorado, 80201,
is requesting that the
Division authorize the
approval to convert the
well mentioned below, to
a water injection well as
follows:

Township 7 South,
Range 23 East; Section
18, Well No. 88 (23-18B)
NE SW

Injection Zone: Green
River Formation 5612' to
5780'

Maximum injection
pressure: 3,000 psi,
Working pressure 2,000
psi.

Maximum injection
rate: 2,500 B/D, Working
rate 800 B/D

This application will be
granted unless objec-
tions are filed with the
Division of Oil, Gas and
Mining within fifteen
days after publication on
this Notice. Objections if
any, should be mailed to:
Division of Oil, gas and
Mining, Room 4241 Sate
Office Building, Salt
Lake City, Utah 84114.

STATE OF UTAH
DIVISION OF OIL, GAS
AND MINING

MARJORIE L. LARSON
Secretary to the Board

Published in the Vernal
Express on August 12,
1983.

PROOF OF PUBLICATION

STATE OF UTAH, }
County of Uintah } ss.

I, Shelly Rowell

being duly sworn, depose and say, that I
am the Business Manager of The Vernal
Express, a weekly newspaper of general
circulation, published once each week at
Vernal, Utah, that the notice attached
hereto was published in said newspaper

for one consecutive weeks,

the first publication having been made on

the 12th day of August, 1983

and the last on the _____ day of

_____, 19____, that said notice

was published in the regular and entire
issue of every number of the paper during
the period and times of publication, and
the same was published in the newspaper
proper and not in a supplement.

By Shelly Rowell
Manager

Subscribed and sworn to before me,

this 12th day of August

A. D. 1983.

Jack P. Hall
Notary Public, Residence, Vernal, Utah

My Commission expires June 10, 1985

Affidavit of Publication

ADM-35B

STATE OF UTAH,
County of Salt Lake

SS.

..... Cheryl Gierloff

BEFORE THE DIVISION OF OIL, GAS AND MINING
 Room 4241
 State Office Building
 Salt Lake City, Utah 84114
 CAUSE NO. UIC-026

IN THE MATTER OF THE APPLICATION OF CHEVRON USA, INC., FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO A WELL LOCATED IN SECTION 38, TOWNSHIP 7 SOUTH, RANGE 23 EAST, UINTAH COUNTY, UTAH.

THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS, PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS, PARTICULARLY IN UINTAH COUNTY, UTAH:

NOTICE IS HEREBY GIVEN that Chevron USA, Inc., P.O. Box 599, Denver, Colorado, 80201, is requesting that the Division authorize the approval to convert the well mentioned below, to a water injection well as follows:

Township 7 South,
 Range 23 East
 Sec. 18, Well #88
 (23-18B)
 NE SW

INJECTION ZONE: Green River Formation 5612' to 5780'
 MAXIMUM INJECTION PRESSURE: 3,000 psi, Working pressure 2,000 psi
 MAXIMUM INJECTION RATE: 2,500 B/D, Working rate 800 B/D

This application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to: Division of Oil, Gas and Mining, Room 4241, State Office Building, Salt Lake City, Utah 84114.

STATE OF UTAH
 DIVISION OF OIL,
 GAS AND MINING
 MARJORIE L. LARSON
 Secretary of the Board

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

.....
 Application of Chevron USA, Inc.
 for Administrative approval to inject water into a
 well located in Section 38, Township 7 South, Range
 23 East, Uintah County, Utah

was published in said newspaper on

August 16, 1983

Cheryl Gierloff
 Legal Advertising Clerk

Subscribed and sworn to before me this 16 day of

August

A.D. 19..... 83..

SO Conaty

Notary Public

My Commission Expires

10/2/86

Affidavit of Publication

ADM-35B

STATE OF UTAH,
County of Salt Lake

ss.

.....Cheryl Gierloff.....

BEFORE THE DIVISION OF OIL, GAS AND MINING
Room 4241
State Office Building
Salt Lake City, Utah 84114
CAUSE NO. UIC-026

IN THE MATTER OF THE APPLICATION OF CHEVRON USA, INC.; FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO A WELL LOCATED IN SECTION 18, TOWNSHIP 7 SOUTH, RANGE 23 EAST, UTAH COUNTY, UTAH.

THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS, PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS, PARTICULARLY IN UTAH COUNTY, UTAH:

NOTICE IS HEREBY GIVEN that Chevron USA, Inc., P.O. Box 599, Denver, Colorado, 80201, is requesting that the Division authorize the approval to convert the well mentioned below, to a water injection well as follows:

Township 7 South,
Range 23 East,
Sec. 18, Well #88
(23-18B)
NE SW

INJECTION ZONE: Green River Formation 5612' to 5790'
MAXIMUM INJECTION PRESSURE: 3,000 psi, Working pressure 2,000 psi
MAXIMUM INJECTION RATE: 2,500 B/D, Working Rate 100 B/D

This application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to: Division of Oil, Gas and Mining, Room 4241, State Office Building, Salt Lake City, Utah 84114.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. LARSON
Secretary of the Board

A-20

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto Cause No. UIC-026 -- Application of Chevron USA, Inc for Administrative approval to inject water into a well located in Section 18, Township 7 South, Range 23 East, Uintah County, Utah

was published in said newspaper on August 16, 1983

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 18 day of August A.D. 1983.

W. Conaty
Notary Public

My Commission Expires

8/1/86

CAUSE NO. UIC-026

Notice was sent to the following:

Newspaper Agency Corp.
Vernal Express

Chevron USA, Inc.
P.O. Box 599
Denver, CO 80201

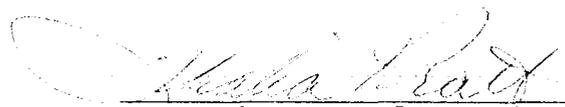
Ut. Dept. of Health
Bureau of Water Pollution Control
Attn: Jerry Riding
Room 410
150 West North Temple
Salt Lake City, UT 84103

Bureau of Land Management
P.O. Box 970
Moab, UT 84532

Bureau of Land Management
1400 University Club Building
135 East South Temple
Salt Lake City, UT

Minerals Management Service
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

U.S. Environmental Protection Agency
Attn: Mike Strieby
1860 Lincoln Street
Denver, CO 80295


August 9, 1983



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 12, 1983

Chevron USA, Inc.
P.O. Box 599
Denver, CO 80201

Re: Class II Injection Well
Approval
Cause No. UIC-026

Gentlemen:

Please be advised that administrative approval has been granted to inject water into the well mentioned below. This approval is conditional upon adhering to the UIC rules and regulations adopted by the Board of Oil, Gas and Mining and by not exceeding the maximum authorized pressures and rates.

Township 7 South Range 23 East

Sec. 18, Well # 88 (23-18B)
NW SW

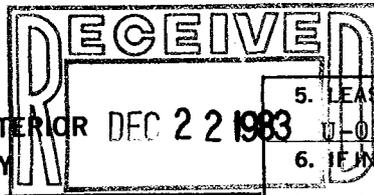
If you have any questions concerning this matter, please do not hesitate to call or write.

Sincerely,

for 
Dr. G.A. (Jim) Shirazi
Director

GS/TP/tp

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



5. LEASE U-0116

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME Red Wash

9. WELL NO. RWU 88 (23-18B)

10. FIELD OR WILDCAT NAME Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T7S, R23E

12. COUNTY OR PARISH Uintah 13. STATE Utah

14. API NO. _____

15. ELEVATIONS (SHOW DF, KDB, AND WD) KB 5644'

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 Water Injection

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

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FWL (NESW)'
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"/>
<u>(other) Converted to Water Injection</u>	

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

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

Well was cleaned out and converted to water injection on Nov. 16-23, 1983, as follows:

- | | |
|--|-------------------------------|
| 1. MIR & RU. ND tree. NU BOPE. | |
| 2. RIH w/bit and casing scraper to 5788'. | |
| 3. RIH w/RTTS, RBP and Packer, injected into perfs and checked for communication. | 3-BLM
2-State |
| 4. ND BOPE. Changed tubing heads. NU BOPE & tested tbg head to 1000 psi. | 3-Partners
1-JAH |
| 5. RIH w/selective injection equipment, "FH" packers and 2-3/8" & 2-7/8" tubing. Hydrotested tubing to 5000 psi. Packers set at 5552' and 5693'. Tubing landed at 5770'. | 1-Sec. 723
1-REO
1-File |
| 6. Rig down and move off location. | |

Present status: Dec. 9, 1983 - shut in waiting on surface facilities
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE Engineering Ass't. DATE Dec. 14, 1983

(This space for Federal or State office use)

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

RECEIVED
JAN 16 1984

FORM NO. DOGM-UIC-5
(1981)

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 8414
(801) 533-5771

DIVISION OF
OIL, GAS & MINING

RULE 1-7 (d & e)

NOTICE OF (COMMENCEMENT) (~~TERMINATION~~) OF INJECTION
(Circle appropriate heading)

Check Appropriate Classification: _____ Date of Commencement/Termination 1/12/84

Disposal Well

Enhanced Recovery Injection Well

Enhanced Recovery Project

Well Name Red Wash Unit No. 88 (23-18B) //

Location: Section 18 Twp. 7S Rng. 23E, County Uintah

Order No. authorizing Injection UIC-026 Date September 12, 1983

Zone into Which Fluid Injected Lower Green River

If this is a Notice of Termination of injection, please indicate date well commenced injection. NA

If this is a Notice of Termination of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval NA

Operator Chevron U.S.A. Inc.

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

D. Elliott
Signature

1-13-84
Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.

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, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FWL NESW
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other) Convert to Water Injection

SUBSEQUENT REPORT OF:

RECEIVED

JUL 19 1984

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

DIVISION OF OIL
GAS & MINING

5. LEASE
U-0116 AUG 5 1983

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SALT LAKE CITY, UTAH

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
RWU 88 (23-18B)

10. FIELD OR WILDCAT NAME
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 18, T7S, R23E

12. COUNTY OR PARISH Uintah 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 5644'

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

It is proposed to convert this shut-in Oil Well to a Water Injection Well as per the attached procedure.

An application to convert well to an Enhanced Recovery Injection Well has been forwarded to the State of Utah, Division of Oil, Gas, and Mining.

Attachment: Copy of Application submitted to State of Utah to use in place of NTL-2B.

- 3-BLM
- 2-State
- 3-Partners
- 1-JAH
- 1-LJT
- 1-REO
- 1-Sec. 723
- 1-File

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

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

SIGNED [Signature] TITLE Engineering Asst. DATE August 3, 1983

APPROVED BY [Signature] TITLE E. W. Gynn District Oil & Gas Supervisor
CONDITIONS OF APPROVAL, IF ANY: _____

AUG 10 1983

DEC 28 1983

opa.



MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• CHEVRON USA INC
P O BOX J
CONCORD CA 94524
ATTN: W.E. NICHOLSON

Utah Account No. N0210

Report Period (Month/Year) 6 / 84

Amended Report

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume		
			Oil (BBL)	Gas (MSCF)	Water (BBL)
RWU 88 (23-18B) 4304715210 05670 07S 23E 18	GRRV	0	0	0	0
RWU 90 (43-21B) 4304715211 05670 07S 23E 21	GRRV	30	591	118	5972
RWU 92 (11-23B) 4304715212 05670 07S 23E 23	GRRV	30	579	354	19148
RWU 94 (12-22A) 4304715213 05670 07S 22E 22	GRRV	30	1075	115	5196
RWU 95 (14-14A) 4304715214 05670 07S 22E 14	GRRV	0	SI	SI	SI
RWU 96 (21-28A) 4304715215 05670 07S 22E 28	GRRV	25	89	24	3204
RWU 98 (21-22A) 4304715217 05670 07S 22E 22	GRRV	30	967	29	13610
RWU 99 (12-22B) 4304715218 05670 07S 23E 22	GRRV	30	971	189	11460
RWU 100-A (43A21A) 4304715219 05670 07S 22E 21	GRRV	0	SI	SI	SI
RWU 101 (34-21B) 4304715220 05670 07S 23E 21	GRRV	30	944	165	6486
RWU 102 (41-24A) 4304715221 05670 07S 22E 24	GRRV	0	SI	SI	SI
RWU 103 (34-15B) 4304715222 05670 07S 23E 15	GRRV	30	1140	355	2379
RWU 104 (14-22A) 4304715223 05670 07S 22E 22	GRRV	30	1770	57	16791
TOTAL			8126	1406	84246

AUG 14 1984

Comments (attach separate sheet if necessary)

*Well # 23-18B - plugged & abandoned
need a Sunday in Holding
acct.*

AUG 13 1984

I have reviewed this report and certify the information to be accurate and complete.

Date

Chevron U.S.A. Inc.

Authorized signature

W.E. Nicholson

Telephone

P.O. Box J, Concord, CA 94524
Sec. 724C Ph. 827-7093



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 23, 1984

Chevron U.S.A. Incorporated
P.O. Box 599
Denver, Colorado 80201

Gentlemen:

Re: Well No. Red Wash Unit 88 (23-18B) - Sec. 18, T. 7S., R. 23E.
Uintah County, Utah - API #43-047-15210

Enclosed is a copy of the June Oil and Gas Production Report submitted by your accounting division. It states that Well #23-18B is plugged and abandoned, however, this office has not received official notice of the plugging and abandonment.

Rule D-2 of The Oil and Gas Conservation General Rules and Regulations and Rules and Practice and Procedure states:

Within thirty (30) days after the plugging of any well has been accomplished, the owner or operator thereof shall file a plugging report with the Division. The report shall give a detailed account of the manner in which the plugging work was carried out, including the nature and quantities of materials used in plugging, and the location and extent (by depths) of the plugs of different materials; records of any tests or measurements made and the amount, size and location (by depths) of casing left in the well; and statement of the volume of mud fluid used. If an attempt was made to part any casing, a complete report of the method used and results obtained must be included.

10/31/84 Joe Johnson called from Chevron. P+A was an error. This is an injection well

Page 2
Chevron USA Incorporated
Well No. Red Wash Unit #88 (23-18B)
October 22, 1984

Enclosed is Form OGC-1b, "Sundry Notices and Reports on Wells", for you to complete and return to this office in order to bring this well into compliance with the above stated rule.

Thank you for your prompt attention to the above matter.

Sincerely,



Claudia Jones
Well Records Specialist

clj

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
00000010/8-9



Chevron U.S.A. Inc.
RED WASH

43-047-15210

SURVEY DATA

TC

RUN NO.	ONE	
Type Survey	TST	B.H.T 82.2°
Date	7-30-87	Surface Temp.
Inj. Rate	925 B/D	
Inj. Press.	1800 PSI	
Pick-up	5770	
Service Co.	PLS	

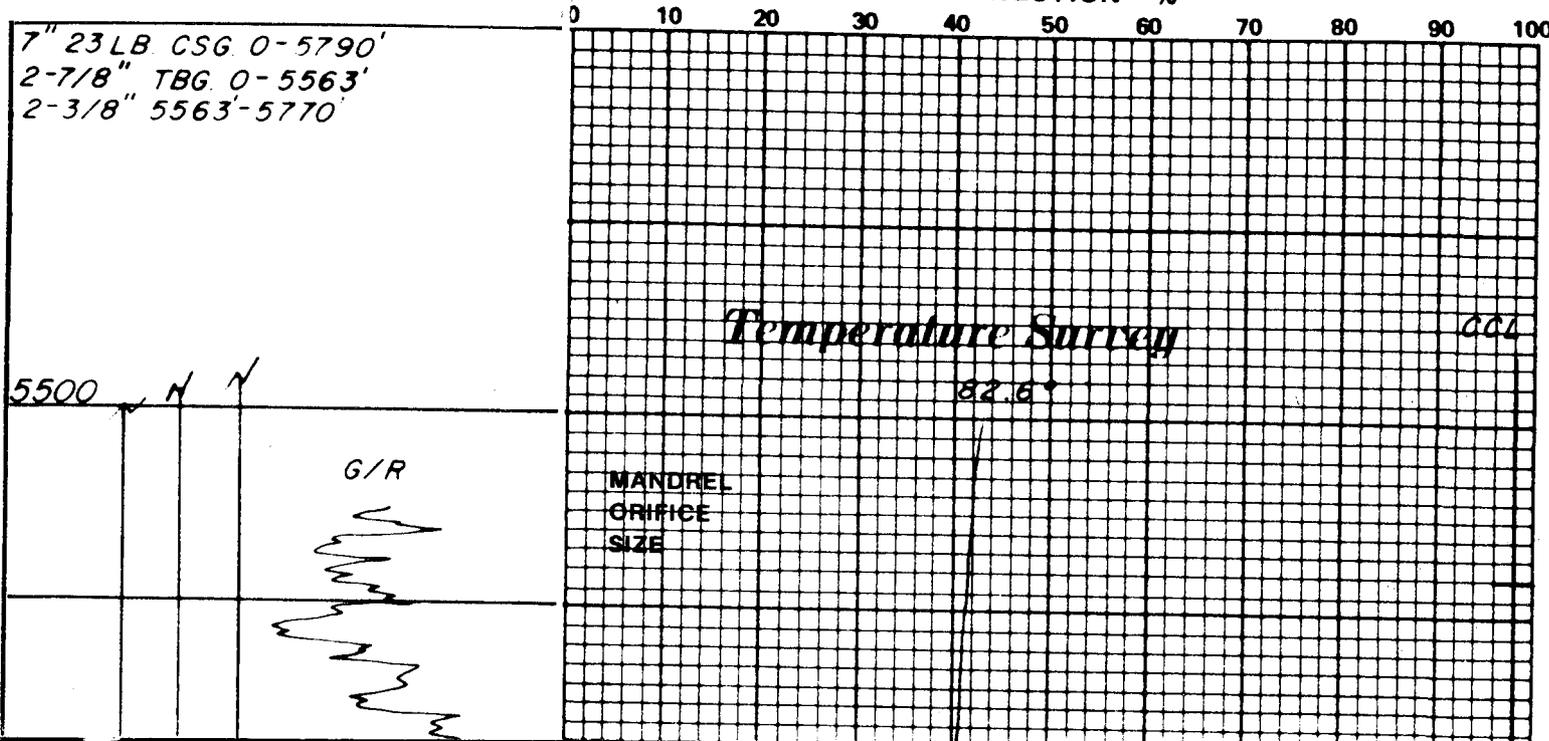
WELL NO.

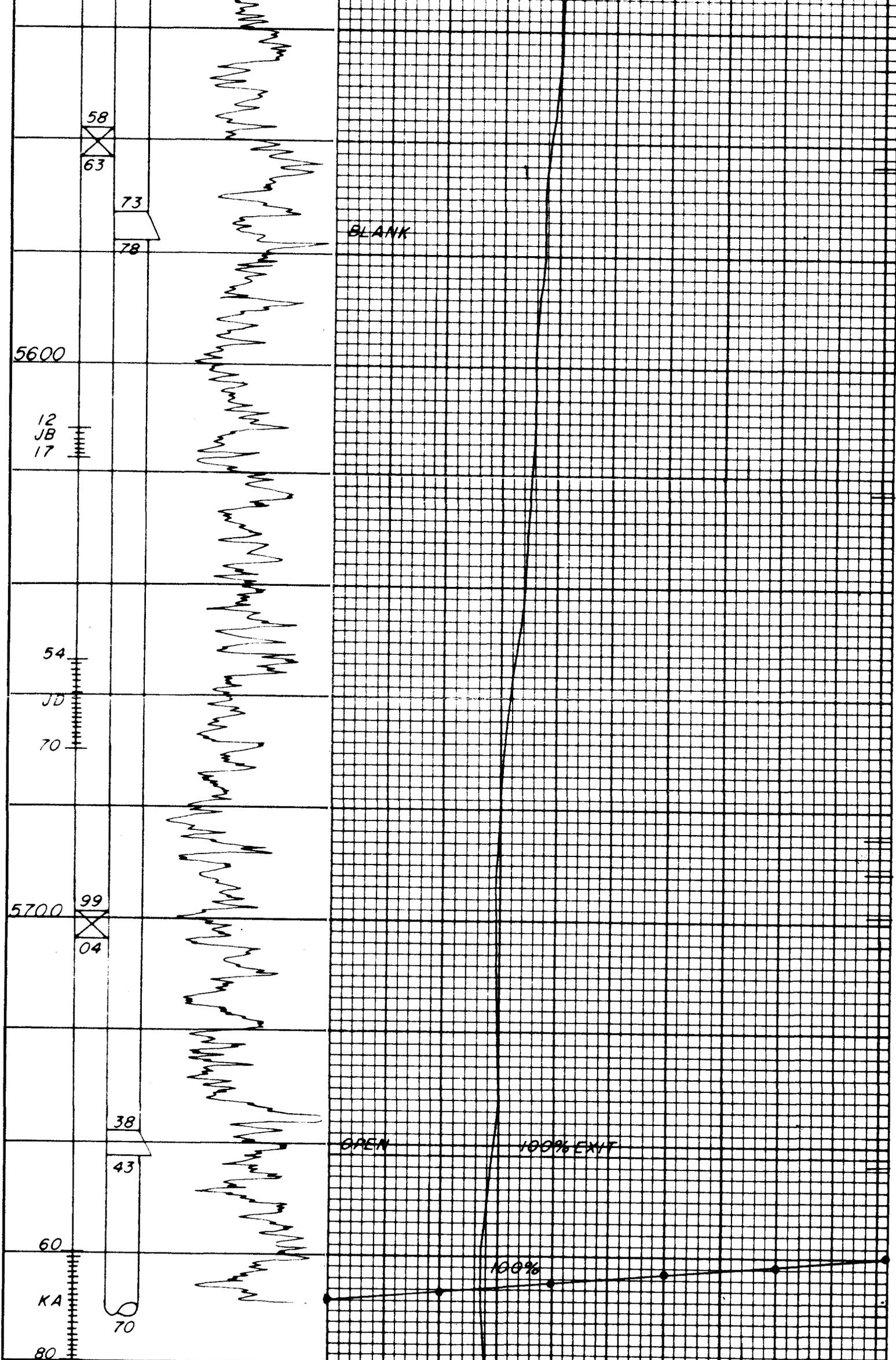
RWU 88(23-18B)

75-23E-18

11

INJECTION - %





58

63

73

78

5600

12

JB

17

54

JD

70

5700

99

04

38

43

60

KA

80

70

BLANK

OPEN

100% EXIT

100%

PB 5790

5800



N

Remarks **PRODUCTION LOGGING SERVICES, INC.**
SURVEY, PACKER, AND TOP PERF CHECK OK
RECORDED BY D. BOUDREAU

TRACER VELOCITY DATA

SHOT NO.	DEPTH	DISTANCE TRAVELED	TRAVEL TIME	RATE
1	5620' - 5720'	100'	37.5 SEC.	888 B/D
2	5770'			ZERO FLOW
3	5746' - 5749'	3'	91 SEC.	11 B/D
4	5770'			ZERO FLOW
5	5440' - 5540'	100'	58.5 SEC.	855 B/D

Mechanical Integrity Test Casing or Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: _____ Date 6/21/95 Time 7:00 (am)/pm
 Test conducted by: M JOHANSON
 Others present: _____

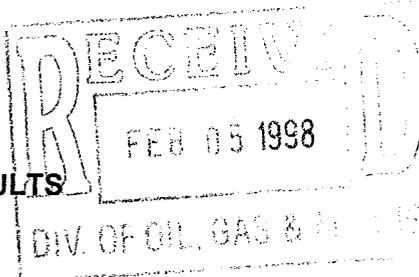
Well: <u>23-18B (#88)</u> Field: <u>REDWASH</u> Well Location: <u>NESW 18-85-23E</u>	Well ID: <u>OTO 2404</u> Company: <u>CHEVRON USA INC</u> Address: <u>11002C 17500S</u> <u>VERNAL UTAH 84078-8526</u>
--	---

Time	Test #1	Test #2	Test #3
0 min	<u>1040</u> psig	_____ psig	_____ psig
5	_____	_____	_____
10	_____	_____	_____
15	_____	_____	_____
20	_____	_____	_____
25	_____	_____	_____
30 min	_____	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	<u>1040</u>	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Tubing press	<u>2100</u> psig	_____ psig	_____ psig
Result (circle)	(<u>Pass</u>) Fail	Pass Fail	Pass Fail

Signature of EPA Witness: _____
See back of page for any additional comments & compliance followup.

FEBRUARY 3, 1998

STEP-RATE TESTING RESULTS
RED WASH UNIT
UINTAH COUNTY, UTAH



Chevron

Chevron U.S.A. Production Co.
Rocky Mountain Profit Center
11002 East 17500 South
Vernal, UT 84078-8526
(801) 781-4300

MR. CHUCK WILLIAMS
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, CO 80202-2466
8P2-W-GW

Dear Mr. Williams:

The enclosed documents several recently conducted step-rate tests within Red Wash Unit. We decided this testing was necessary after observing that some wells reconfigured via workovers or returned to injection during 1997 could not inject at economically effective rates, even with the surface pressure at maximum. Some will not inject at "fracture pressure", indicating that current maximums are too low. Please recall that maximum surface pressures for Red Wash Unit injectors were calculated using a fracture gradient of 0.78 psi/ft, a value arbitrarily assigned several years ago due to an absence of any hard data to the contrary. Results from three of the four enclosed tests conclusively indicate a fracture gradient of approximately 0.81 psi/ft. or greater. While data from the fourth is questionable, the ISIP from the test also supports the conclusion that a fracture gradient increase is needed.

We request approval to recalculate maximum allowable surface injection pressures for Red Wash Unit injectors using a fracture gradient of 0.81 psi/ft. and the current water specific gravity. If you have any questions or comments, please contact Steven McPherson at (435) 781-4310.

Sincerely,

J. T. CONLEY
RED WASH ASSET TEAM LEADER

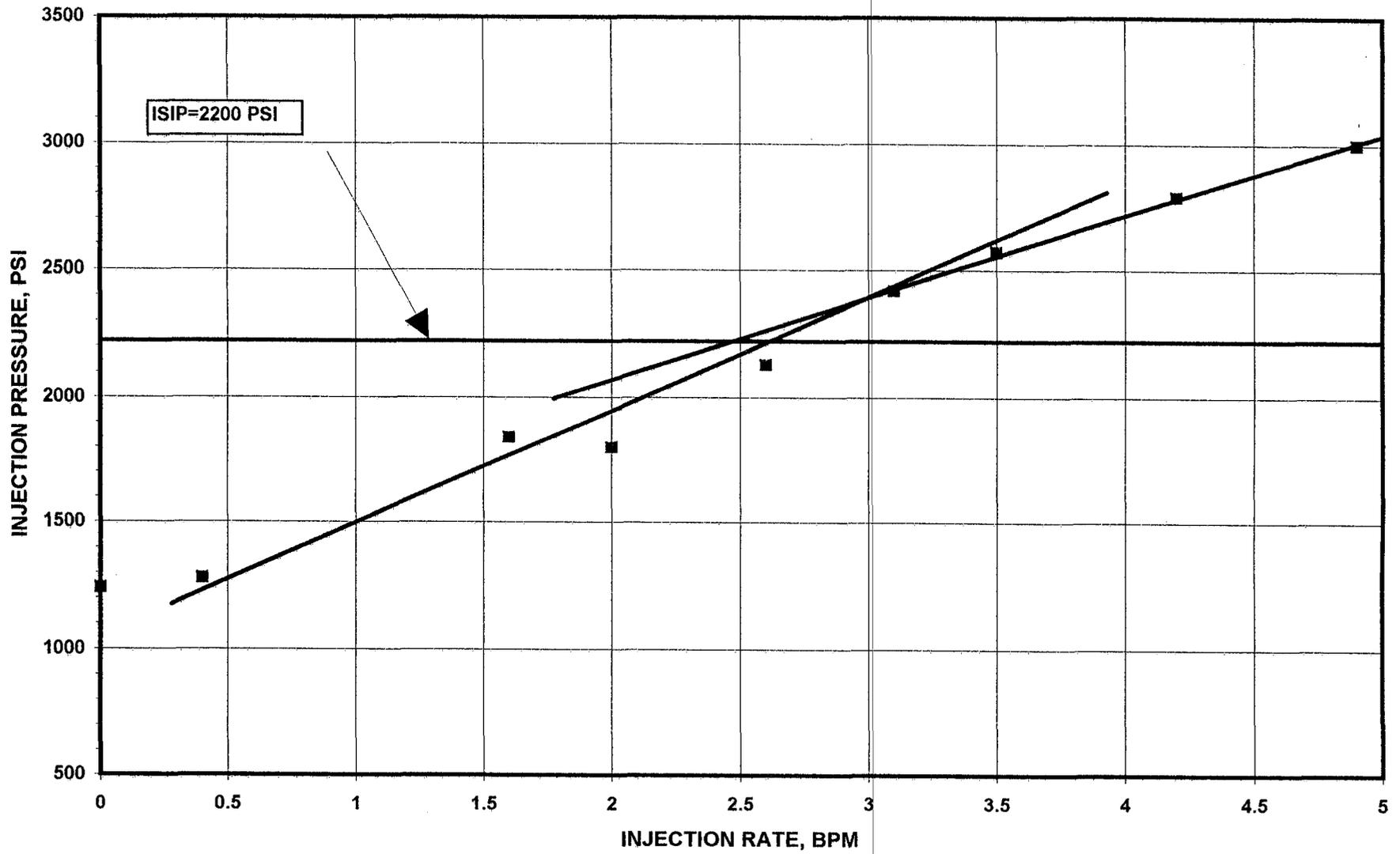
cc Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801
Attn. Mr. Gil Hunt

RED WASH STEP-RATE TEST RESULTS

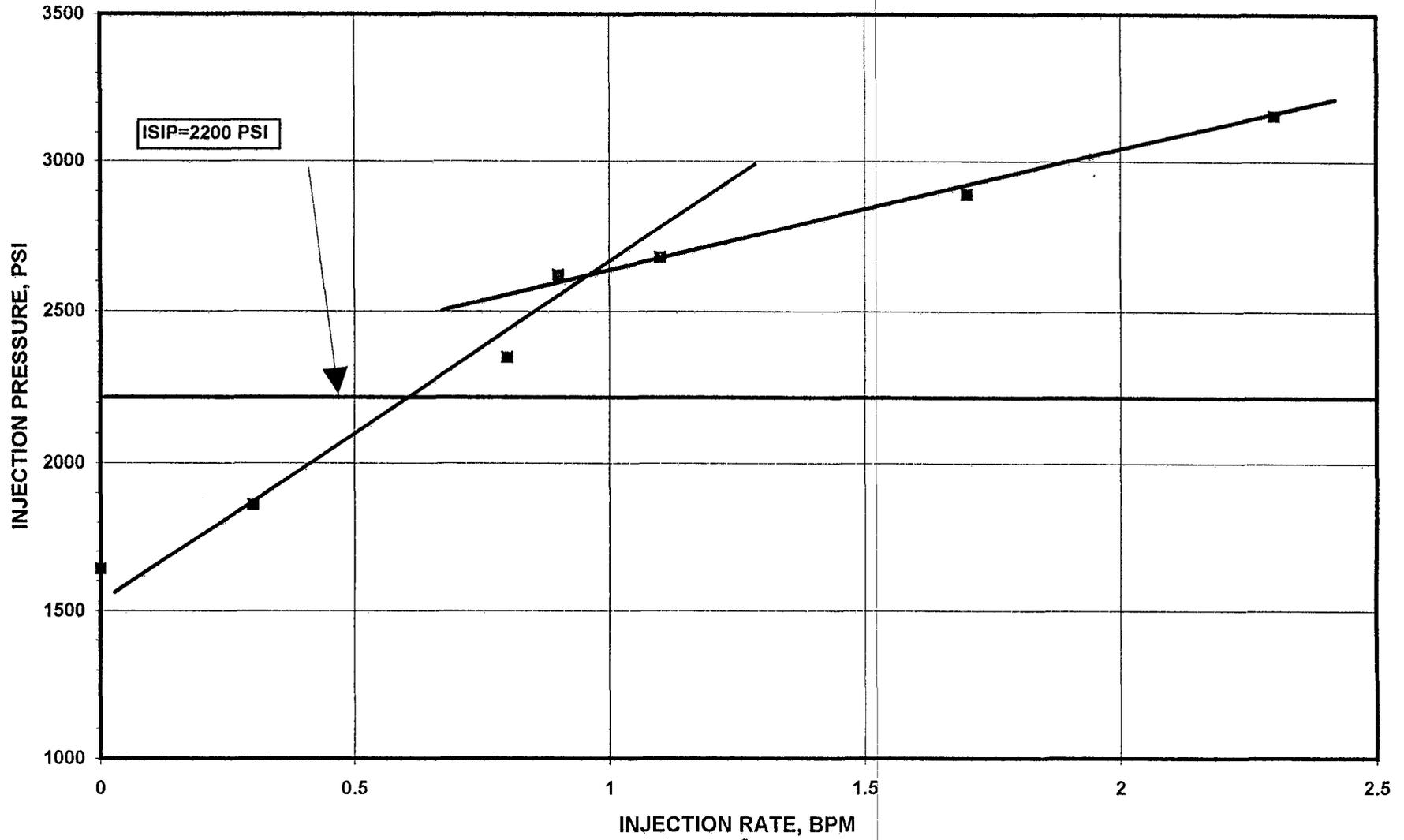
Jan-98

RWU #6 (41-21B)		RWU #88 (23-18B)		RWU #174 (21-20B)		RWU #279 (11-36B)	
RATE BPM	PRESSURE PSI	RATE BPM	PRESSURE PSI	RATE BPM	PRESSURE PSI	RATE BPM	PRESSURE PSI
0	1640	0	1240	0	1300	0	1630
0.3	1860	0.4	1280	0.4	1360	0.8	1830
0.8	2350	2	1800	0.8	1630	1.4	2140
0.9	2620	1.6	1840	1.1	1870	1.7	2380
1.1	2680	2.6	2130	1.5	2000	2	2560
1.7	2890	3.1	2420	2.3	2230	2.5	2800
2.3	3160	3.5	2570	3	2480	2.8	3090
		4.2	2790	3.7	2760	3.1	3330
		4.9	3000				
TOP EXPOSED PERF.: 5487'		TOP EXPOSED PERF.: 5612'		TOP EXPOSED PERF.: 5534'		TOP EXPOSED PERF.: 5361'	
ISIP: 2200 PSI		ISIP: 2200 PSI		ISIP: 2028 PSI		ISIP: 2580 PSI	
WATER DENSITY: 8.45 PPG		WATER DENSITY: 8.34 PPG		WATER DENSITY: 8.45 PPG		WATER DENSITY: 8.45 PPG	
0.439 PSI/FT.		0.434 PSI/FT.		0.439 PSI/FT.		0.439 PSI/FT.	
0.840 PSI/FT.		0.826 PSI/FT.		0.805 PSI/FT.		0.920 PSI/FT.	

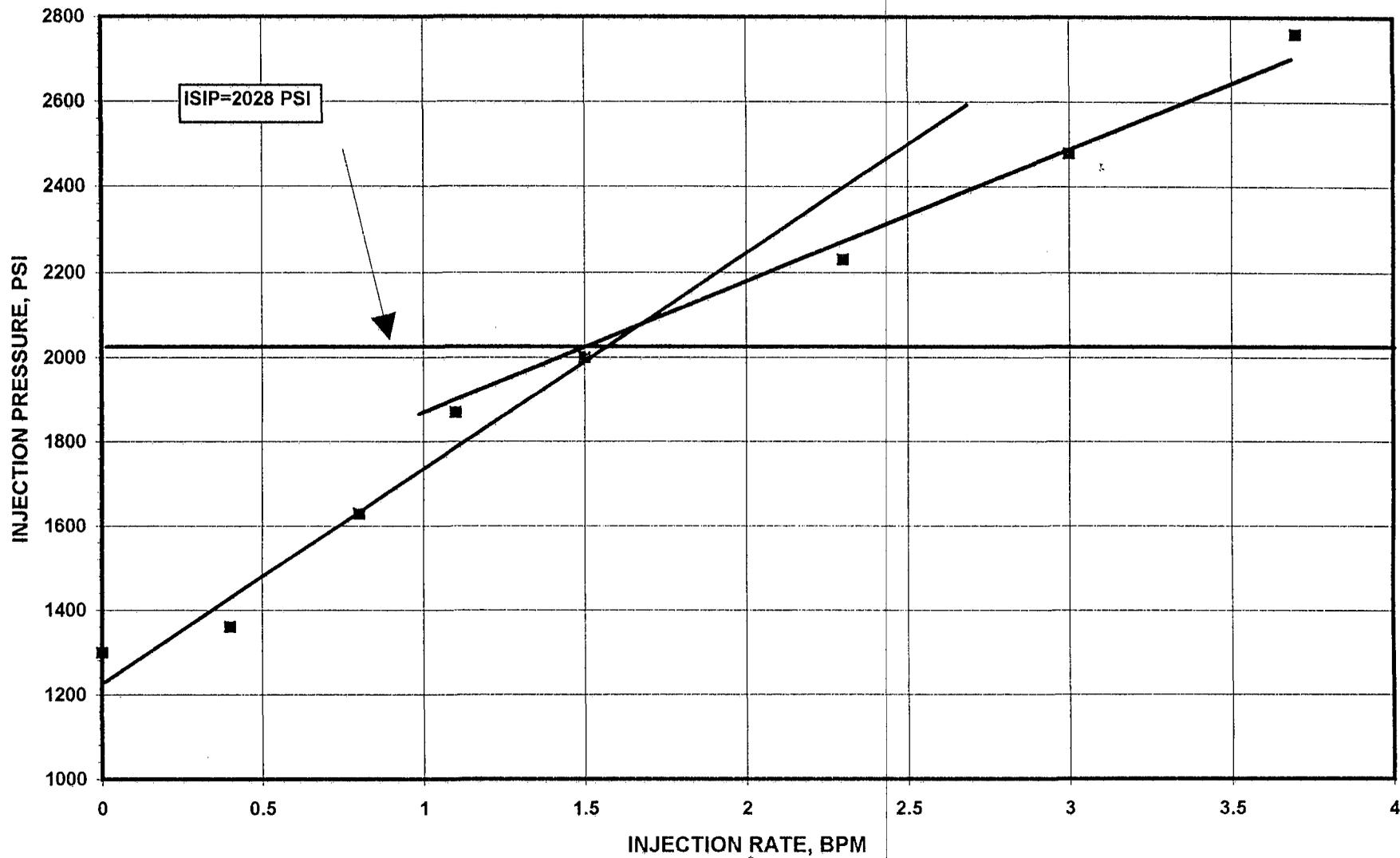
RWU #88 (23-18B)
1/22/98 STEP-RATE TEST



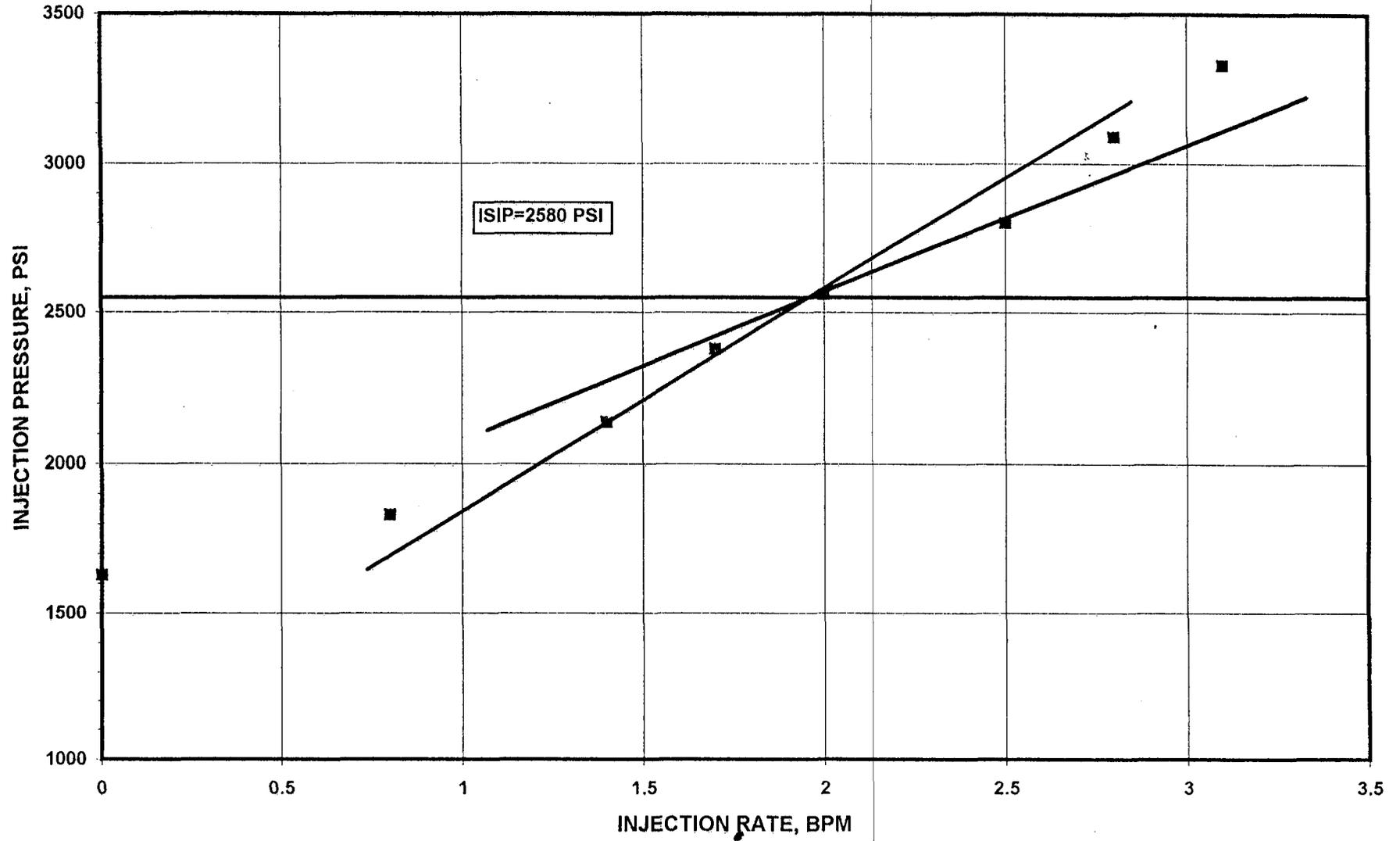
RWU #6 (41-21B)
1/26/96 STEP-RATE TEST



RWU #174 (21-20B)
1/23/98 STEP-RATE TEST



RWU #279 (11-36B)
1/26/98 STEP-RATE TEST





JOB LOG 4239-5

TICKET # [] TICKET DATE 1-26-98

REGION North America	NW/COUNTRY	BDA / STATE	COUNTY
MBU ID / EMP #	EMPLOYEE NAME	PSL DEPARTMENT	
LOCATION	COMPANY	CUSTOMER REP / PHONE	
TICKET AMOUNT	WELL TYPE	API / UWI #	
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE	
LEASE / WELL # #6	SEC / TWP / RNG		

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Top	Co	
								STED RATE TESTS w/ SOURCE WATER
	0700							ON LOCATION. SAFETY MEETING w/ SAM, GO OVER JOB, DOT EQUIPMENT SET UP.
	0730							ELECTRONICS WENT DOWN, CALLED FOR ELECTRICIAN OUT OF VERNAL.
	1045							ELECTRONICS UP & GOING.
	1100							DEPRESSURE TEST 2 INDIAN LINES (1000 PSI)
	1104							OVER WELL. WELL DEPRESSURE - 1640 PSI -
	1117	.3	0			1700	1800	START STED RATE TEST.
	1130	.7	5			200	2370	INCREASE RATE & PRESSURE.
	1147	.7	20			340	3600	INCREASE RATE & PRESSURE.
	1212	1.1	42			2750	2800	INCREASE RATE & PRESSURE.
	1232	1.7	64			300	3890	INCREASE RATE & PRESSURE.
	1258	2.3	107			3250	3100	INCREASE RATE & PRESSURE.
	1318		154					SHUT DOWN. END TEST.
								TEST 2300 PSI. CLOSE IN WELL, REG DOWN.
								END JOB.
								THANKS
								HALLIBURTON (YFW)

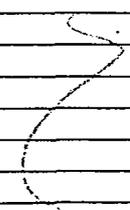
TICKET #	TICKET DATE
BDA / STATE	COUNTY
PSL DEPARTMENT	
CUSTOMER REP / PHONE	
API / UWI #	
JOB PURPOSE CODE	

REGION North America	NWA/COUNTRY
MBU ID / EMP #	EMPLOYEE NAME
LOCATION	COMPANY
TICKET AMOUNT	WELL TYPE
WELL LOCATION # 174	DEPARTMENT
LEASE / WELL #	SEC / TWP / RNG

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
								STED RATE TEST, DOWN 2 1/2" TUBING. DULID SOURCE WATER.
	0700							ON LOCATION SAFETY MEETING w/ HES HANDS. GO OVER JOB, DATA EQUIPMENT SET UP. WELL HEAD FROZEN WITH OIL HOT OILER T. HEAT WELL HEAD.
	0830							PAUSE & PASSIVE TEST HANDS AND LEAKS TO 5000 USL.
VOLUME	0844							OPEN WELL HEAD, WELL PASSIVE 1300 PSL.
0.	0850	.4				1350	1360	START TEST.
6.4	0906	.8				1500	1620	INCREASE RATE & PRESSURE
23.2	0929	1.1				1250	1870	INCREASE RATE & PRESSURE.
50.7	0952	1.5				2000	2000	INCREASE RATE & PRESSURE.
80.7	1012	2.3				2150	2220	INCREASE RATE & PRESSURE.
126.7	1032	3				2500	2480	INCREASE RATE & PRESSURE.
196.7	1052	3.7				2750	2740	INCREASE RATE & PRESSURE
245.9	1106							SHUT DOWN FROM TEST ISIP = 2028. END JOB OK (VIRN).

THANKS HALLIBURTON CREW
VIRN & SAM



HALLIBURTON		JOB LOG		TICKET #	TICKET DATE
ORDER NO. 70006		BDA / STATE		COUNTY	
REGION	North America	NWA/COUNTRY		PSL DEPARTMENT	
MBU ID / EMP #		EMPLOYEE NAME		CUSTOMER REP / PHONE	
LOCATION		COMPANY		API / UWI #	
TICKET AMOUNT		WELL TYPE		JOB PURPOSE CODE	
WELL LOCATION	#279	DEPARTMENT			
LEASE / WELL #		SEC / TWP / RNG			

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS						

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
								PROFICIENCY STEP RATE TESTS w/ SOURCE WATER.
	14:30							AD/ LOCATION/ SPOT EQUIPMENT SET UP. SAFETY MEETING GO OVER JOB w/ CUSTOMER.
	15:00							DESIGN OF PUMP AND PRESSURE TEST DUMPS & LINES
	15:15							OPEN WELL, WELL PRESSURE (630) DSL.
								START
	16:05	.8	4			1750	1830	START STEP RATE TEST
	16:27	1.4	12			2000	2140	INCREASE RATE & PRESSURE
	16:37	1.7	34			2150	2380	INCREASE RATE & PRESSURE
	16:53	3.0	63			2500	2540	INCREASE RATE & PRESSURE
	17:09	3.0	93			2750	2700	INCREASE RATE & PRESSURE
	17:25	2.8	122			3000	2900	INCREASE RATE & PRESSURE
	17:40	3.1	178			3250	3200	INCREASE RATE & PRESSURE
	18:03		311					END STEP RATE TEST
								18:30 ISID.
								END JOB, BIG DOWN.
								THANKS - HALLIBURTON CREW!
								VERDI & SAM,

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE

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

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

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

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

5. Lease Designation and Serial No.

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

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

8. Well Name and No.

9. API Well No.

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

11. County or Parish, State
UINTAH, UTAH

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

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

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

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

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

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

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

Shenandoah Energy Inc.
 By: *M. 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.

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH	4-KAS
2. CDW	5-SJ
3. JLT	6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

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

01/01/2000

FROM: (Old Operator):

CHEVRON USA INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300

Account No. N0210

TO: (New Operator):

SHENANDOAH ENERGY INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078

Phone: 1-(435)-781-4300

Account No. N4235

CA No.

Unit:

RED WASH

WELL(S)

NAME	API	ENTITY	SECTION	TOWNSHIP	RANGE	LEASE
RWU 100A (43-21A) (wiw)	43-047-15219	5670	21	07S	22E	FEDERAL
RWU 216 (21-27A) (wiw)	43-047-30103	99996	21	07S	22E	FEDERAL
RWU 199 (43-22A) (wiw)	43-047-15301	99996	22	07S	22E	FEDERAL
RWU 61 (12-27A) (wiw)	43-047-16478	99996	27	07S	22E	FEDERAL
RWU 215 (43-28A) (wiw)	43-047-30058	99996	28	07S	22E	FEDERAL
RWU 202 (21-34A) (wiw)	43-047-15303	99996	34	07S	22E	FEDERAL
RWU 68 (41-13B) (wiw)	43-047-16485	99996	13	07S	23E	FEDERAL
RWU 170 (41-15B) (wiw)	43-047-16495	99996	15	07S	23E	FEDERAL
RWU 324 (23-16B) (wiw)	43-047-33084	99999	16	07S	23E	FEDERAL
RWU 88 (23-18B) (wiw)	43-047-15210	5670	18	07S	23E	FEDERAL
RWU 150 (31-22B) (wiw)	43-047-15263	99996	22	07S	23E	FEDERAL
RWU 102 (41-24A) (wiw)	43-047-15221	5670	24	07S	23E	FEDERAL
RWU 263 (24-26B) (wiw)	43-047-30518	99996	26	07S	23E	FEDERAL
RWU 265 (44-26B) (wiw)	43-047-30520	99996	26	07S	23E	FEDERAL
RWU 266 (33-26B) (wiw)	43-047-30521	99996	26	07S	23E	FEDERAL
RWU 269 (13-26B) (wiw)	43-047-30522	99996	26	07S	23E	FEDERAL
RWU 93 (43-27B) (wiw)	43-047-16480	99996	27	07S	23E	FEDERAL
RWU 134 (14-28B) (wiw)	43-047-16489	99996	28	07S	23E	FEDERAL
RWU 16 (43-28B) (wiw)	43-047-16475	99996	29	07S	23E	FEDERAL
RWU 139 (43-29B) (wiw)	43-047-16490	99996	29	07S	23E	FEDERAL
RWU 271 (42-35B) (wiw)	43-047-31081	5670	35	07S	23E	FEDERAL
RWU 97 (23-18C) (wiw)	43-047-15216	99996	18	07S	24E	FEDERAL

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/30/1999
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08/09/2000
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 08/23/2000



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

RECEIVED

FEB 07 2000

DIVISION OF
OIL, GAS AND MINING

IN REPLY REFER TO
UT-931

February 4, 2000

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

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

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

UT931:TAThompson:tt:2/4/00

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attachment
Field or Unit name: _____ API no. _____
Well location: QQ _____ section _____ township _____ range _____ county _____
Effective Date of Transfer: _____

CURRENT OPERATOR

Transfer approved by:

Name R.K. Wackowski Company Chevron Production Co.
Signature [Signature] Address 100 Chevron Rd.
Title Unit Manager Rangely, Colo. 81648
Date 7/28/00 Phone (970) 675-3714

Comments:

NEW OPERATOR

Transfer approved by:

Name John Conley Company Shenandoah Energy Inc.
Signature [Signature] Address 11002 E. 17500 S.
Title District Manager Vernal, UT 84078
Date 7-21-00 Phone (435) 781-4300

Comments:

(State use only)

Transfer approved by [Signature] Title Tech. Services Manager
Approval Date 8-24-00

RECEIVED

AUG 9 2000

DIVISION OF

SHENANDOAH ENERGY INC.

11002 E. 17500 S.
VERNAL, UT 84078
PHONE: (435) 781-4300
FAX: (435) 781-4329

RED WASH UNIT

RW #11 (34-27B)	SWSE-27-7S-23E	43-047-15142
RW #14 (14-13B)	SWSW-13-7S-23E	43-047-15144
RW #148 (13-22B)	NWSW-22-7S-23E	43-047-15261
RW #156 (23-15B)	NESW-15-7S-23E	43-047-15267
RW #17 (41-20B)	NENE-20-7S-23E	43-047-15146
RW #173 (21-21B)	NENW-21-7S-23E	43-047-16496
RW #174 (21-20B)	NENW-20-7S-23E	43-047-15281
RW #182 (14-21B)	SWSW-21-7S-23E	43-047-16497
RW #183 (33-13B)	NWSE-13-7S-23E	43-047-15289
RW #185 (41-14B)	NENE-14-7S-23E	43-047-16498
RW #2 (14-24B)	SWSW-24-7S-23E	43-047-16472
RW #23 (21-23B)	NENW-23-7S-23E	43-047-15151
RW #25 (23-23B)	NESW-23-7S-23E	43-047-16476
RW #261 (23-17B)	NESW-17-7S-23E	43-047-32739
RW #264 (31-35B)	NWNE-35-7S-23E	43-047-30519
RW #268 (43-17B)	NESE-17-7S-23E	43-047-32980
RW #275 (31-26B)	NWNE-26-7S-23E	43-047-31077
RW #279 (11-36B)	NWNW-36-7S-23E	43-047-31052
RW #34 (-23-14B)	NESW-14-7S-23E	43-047-15161
RW #56 (41-28B)	NENE-28-7S-23E	43-047-15182
RW #59 (12-24B)	SWNW-24-7S-23E	43-047-16477
RW #6 (41-21B)	NENE-21-7S-23E	43-047-16482
RW #91 (33-22B)	NWSE-22-7S-23E	43-047-16479
RW #93 (43-27B)	NESE-27-7S-23E	43-047-16480
RW #134 (14-28B)	SWSW-28-7S-23E	43-047-16489
RW #139 (43-29B)	NESE-29-7S-23E	43-047-16490
RW #150 (31-22B)	NWSE-22-7S-23E	43-047-15263
RW #16 (43-28B)	NESE-28-7S-23E	43-047-16475
RW #170 (41-15B)	NENE-15-7S-23E	43-047-16495
RW #263 (24-26B)	SESW-26-7S-23E	43-047-30518
RW #265 (44-26B)	SESE-26-7S-23E	43-047-30520
RW #266 (33-26B)	NWSE-26-7S-23E	43-047-30521
RW #269 (13-26B)	NWSW-26-7S-23E	43-047-30522
RW #271 (42-35B)	SENE-35-7S-23E	43-047-31081
RW #68 (41-13B)	NENE-13-7S-23E	43-047-16485
RW #97 (23-18C)	NESW-18-7S-24E	43-047-15216
RW #7 (41-27B)	NENE-27-7S-23E	43-047-15205
RW #324 (23-16B)	NESW-16-7S-23E	
RW #301 (43-15B)	NESE-15-7S-23E	43-047-31682
RW #100A (43-21A)	NESE-21-7S-22E	43-047-15219
RW #199 (43-22A)	NESE-22-7S-22E	43-047-15301
RW #216 (21-27A)	NENW-21-7S-22E	43-047-30103
RW #258 (34-22A)	SWSE-22-7S-22E	43-047-30458
RW #202 (21-34A)	NENW-34-7S-22E	43-047-15303
RW 3215 (43-28A)	NESE-28-7S-22E	43-047-30058
RW #61 (12-27A)	SWNW-27-7S-22E	43-047-16478
RW #102 (41-24A)	NENE-24-7S-23E	43-047-15221
RW #88 (23-18B)	NESW-18-7S-23E	43-047-15210
RW #283 (43-18B)	NESE-18-7S-23E	43-047-32982
RW #52 (14-18B)	SWSW-18-7S-23E	43-047-15178
RW #161 (14-20B)	SWSW-20-7S-23E	43-047-15271

SHENANDOAH ENERGY INC.

11002 East 17500 South
Vernal, Utah 80478
(435) 781-4300
Fax (435) 781-4329

September 8, 2000

Mr. Al Craver
UIC Program
United States Environmental Protection Agency
Region VIII
999 18th STREET - SUITE 500
DENVER, CO 80202-2466
SENF-T

RECEIVED

SEP 13 2000

Red Wash Unit
Uintah County, Utah

RWU # 88 (23-18B) EPA ID# UT-02404

DIVISION OF
OIL, GAS AND MINING

Dear Mr. Craver:

The captioned Class II ER water injection well failed the MIT test earlier this year. We intend to rework this well and return the well to injection. The repair procedure outline is shown below:

1. Pull the tubing and selective injection equipment out of the hole.
2. Cleanout the well to PBTD.
3. Run a single injection packer on tubing and set the packer at ~5560'.
4. Perform a MIT test
5. Return the well to injection pending EPA approval of the rework and MIT test.

Please review the procedure and contact me if you have questions regarding the repairs. We will commence the repairs upon receiving your approval of the rework procedure.

Sincerely,



J. T. Conley
District Manager
435-781-4301

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

cc Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801
Attn. Mr. Gil Hunt

U.S Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078



WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE Shenandoah Energy Inc. 11002 East 17500 South Vernal, UT 84078-8526 (435) 781-4300	NAME AND ADDRESS OF CONTRACTOR Key Energy Serices PO Box 676779 Dallas, TX 95267-6779 (435) 789-6922
---	---

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT -- 640 ACRES <div style="text-align:center"> <p>N</p> <p>S</p> </div>	STATE UTAH	COUNTY UINTAH	PERMIT NUMBER UT-02404
SURFACE LOCATION DESCRIPTION NE 1/4 OF SW 1/4 OF SECTION 18 TOWNSHIP 7S RANGE 23E			
LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT			
Surface Location 1980' ft. from (N/S) <u>S</u> Line of quarter section and 1980' ft. from (E/W) <u>W</u> Line of quarter section			
WELL ACTIVITY <input type="checkbox"/> Brine Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage		Total Depth Before Rework 5810'	TYPE OF PERMIT <input checked="" type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells <u>1</u>
Lease Name RED WASH UNIT		Total Depth After Rework 5810'	Well Number #88 (23-18B)
		Date Rework Commenced 10/31/2000	
		Date Rework Completed 11/09/2000	

WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
10-3/4	229'	180	P-V	NA		
7"	5793'	340	H	5612	5780	No acid of fracture treatments performed during this rework

WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
10-3/4	229'	180	P-V	NA		
7"	5793'	340	H	5612	5780	No change to perforations

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY	WIRE LINE LOGS. LIST EACH TYPE	
	Log Types	Logged Intervals
Pulled tubing and packer assembly. Run packer and test casing OK.	No logging during this rework	
Run bit to PBTD to check for fill over perms. Run injection packer on 2 7/8" IC tubing and set packer at 5556'. Perform MIT to 1040 psig.		
MIT test passed. Repair MIT leak complete.		

CERTIFICATION

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

NAME AND OFFICIAL TITLE (Please type or print) J. T. Conley District Manager	SIGNATURE 	DATE SIGNED 11-09-2000
--	---------------	----------------------------------

FIELD: Red Wash

GL: 5453 ' KBE:

WELL NAME: RWU #88 (23-18B)

TD: 5810 ' PBTD: 5779 '

Location:

NE¼SW¼ S18-T7S-R23E

API: 43-047-15210

Uintah County, Utah

EPA ID: UT-02404

Wellbore Schematic

Surface casing

Size 10 3/4'

Weight 40.5#

Grade J-55

Cmtd w/ 180 sxs

Set @ 229'

Hole size 12 1/4"

TOC @ 2330 '

EXCLUDED PERFS

OPEN PERFS

F Nipple @ 5522 '

Packer @ 5556 '

5612'-5617' Gu6

5654'-5670' Gx3

5760'-5780' Lw4

Production casing

Size 7"

Weight 23# & 26#

Grade J-55/N-80

Cmtd w/ 340 sxs

Set @ 5793'

Hole size 9"

PBTD @ 5779 '

TD @ 5810 '

**MECHANICAL INTEGRITY TEST
CASING OR ANNULUS PRESSURE TEST**

U.S. ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8ENF-T)
999 18TH STREET, SUITE 500, DENVER, CO. 80202-2466

EPA WITNESS: _____ DATE: 11-8-00 TIME: 3¹⁵ AM PM

TEST CONDUCTED BY: Glenn F. Beaman SEI

OTHERS PRESENT: Logan Berrett Key Rig # 955

WELL: <u>REDWASH #88(23-18B)</u>	WELL ID. <u>API-43-047-15210 EPA UT 02404</u>
FIELD: <u>REDWASH</u>	COMPANY: <u>SHENANDOAH ENERGY INC.</u>
WELL LOCATION: <u>NE/SW SEC.18-T7S-R23E</u>	ADDRESS: <u>11002 EAST 17500 SOUTH VERNAL, UTAH 84078</u>
WELL STATUS: <u>ACTIVE</u>	

TIME	TEST #1 CASING PRESSURE	TIME	TEST #2 CASING PRESSURE	TIME	TEST #3 CASING PRESSURE
<u>3¹⁵ PM</u> 0 MIN	<u>1040</u>	_____	_____	_____	_____
<u>3²⁰ PM</u> 5	<u>1030</u>	_____	_____	_____	_____
<u>3²⁵ PM</u> 10	<u>1020</u>	_____	_____	_____	_____
<u>3³⁰ PM</u> 15	<u>1020</u>	_____	_____	_____	_____
<u>3³⁵ PM</u> 20	<u>1020</u>	_____	_____	_____	_____
<u>3⁴⁰ PM</u> 25	<u>1020</u>	_____	_____	_____	_____
<u>3⁴⁵ PM</u> 30 MIN	<u>1020</u>	_____	_____	_____	_____
_____ 35	_____	_____	_____	_____	_____
_____ 40	_____	_____	_____	_____	_____
_____ 45	_____	_____	_____	_____	_____
_____ 50	_____	_____	_____	_____	_____
_____ 55	_____	_____	_____	_____	_____
_____ 60 MIN	_____	_____	_____	_____	_____

START TUBING PRESSURE, PSIG 0

END TUBING PRESSURE, PSIG 0

RESULTS (CIRCLE) PASS FAIL

SIGNATURE OF EPA WITNESS: _____

DATE: 11-8-00 TIME: 3¹⁵ pm To 3⁴⁵ pm
WELL ID: #88(23-188) API-43-047-15210
EPA LT 02404
PERSON CONDUCTING TEST:
Glen F. Beaman

GRAPHIC CONTROL'S CORPORATION
BUFFALO, N.Y. 14203

CHART NO. MC MP-1500

METER

CHART PUT ON M

TAKEN OFF M

LOCATION

REMARKS

996

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUBMIT IN TRIPLICATE- Other Instructions on reverse side

1. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other INJECTION	5. Lease Serial No. U-0116
2. Name of Operator SHENANDOAH ENERGY INC CONTACT: J.T. CONLEY DIVISION MANAGER EMAIL: jconley@shenandoahenergy.com	6. If Indian, Allottee or Tribe Name
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078	7. If Unit or CA Agreement, Name and No. 8920007610
3b. Phone No. (include area code) TEL: 435.781.4300 EXT: 301 FAX: 435.781.4329	8. Lease Name and Well No. RWU 23-18B 88
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 18 T7S R23E NESW 1980FSL 1980FWL	9. API Well No. 4304715210
	10. Field and Pool, or Exploratory RED WASH
	11. County or Parish, State UINTAH, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> WORKOVER OPERATIO
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give the subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of involved operations. If the operation results in multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Workover to repair MIT leak. POOH with injection tubing and SIE packers. Run retrievable packer and test casing, casing tested good. RIH with bit to PBTD, ok. Run injection packer on 2 7/8" IC tubing, set packer at 5556'. MIT test backside to 1040 psig for 30 minutes, held OK. Well ready to resume injection when EPA authorizes MIT test.

*Per John Conley 11-21-00
Work started 10-31-00
Ended 11-9-00*

[Faint stamp: RECEIVED, NOV 21 2000, BUREAU OF LAND MANAGEMENT]

Name (Printed/Typed) J.T. CONLEY	Title Division Manager
Signature <i>J.T. Conley</i>	Date 11-10-00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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

ELECTRONIC SUBMISSION #1943 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR SHENANDOAH ENERGY INC SENT TO THE VERNAL FIELD OFFICE

SHENANDOAH ENERGY INC.

11002 East 17500 South
Vernal, Utah 80478
(435) 781-4300
Fax (435) 781-4329

February 20, 2001

Mr. Al Craver
UIC Program
United States Environmental Protection Agency
Region VIII
999 18th STREET - SUITE 300
DENVER, CO 80202-2466
8ENF-T

RE: RWU # 88 (23-18B) MIT Repair

Dear Mr. Craver:

We have repaired a tubing leak in the reference well, and the well successfully passed an MIT test. The results of the February 17, 2001 MIT test are attached. There were no changes to the wellbore or perforations. We will resume injection upon your review and approval of the MIT test.

Red Wash Unit
Uintah County, Utah
RWU # 88 (23-18B) EPA ID# UT-02404

If you have questions or need additional information, please contact me at 435-781-4301.

Sincerely,



J. T. Conley
District Manager

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

cc Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801
Attn. Mr. Gil Hunt

U.S Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078



WELL REWORK RECORD

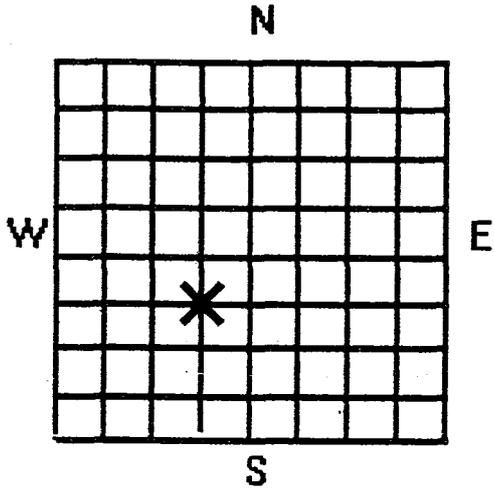
NAME AND ADDRESS OF PERMITTEE

Shenandoah Energy Inc.
11002 East 17500 South
Vernal, UT 84078-8526
(435) 781-4300

NAME AND ADDRESS OF CONTRACTOR

Royal Well Service
1308 South 2500 West
Vernal, UT 84078
(435) 828-6522

LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT - 640 ACRES



STATE
UTAH

COUNTY
UINTAH

PERMIT NUMBER
UT-02404

SURFACE LOCATION DESCRIPTION
NE 1/4 OF SW 1/4 OF SECTION 18 TOWNSHIP 7S RANGE 23E

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

Surface
Location 1980' ft. from (N/S) S Line of quarter section

and 1980' ft. from (E/W) W Line of quarter section

WELL ACTIVITY
 Brine Disposal
 Enhanced Recovery
 Hydrocarbon Storage

Total Depth Before Rework
5810'

Total Depth After Rework
5810'

TYPE OF PERMIT
 Individual
 Area
 Number of Wells 1

Lease Name
RED WASH UNIT

Date Rework Commenced
02/14/2001

Well Number
#88 (23-18B)

Date Rework Completed
02/17/2001

WELL CASING RECORD - BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
10-3/4	229'	180	P-V	NA		
7"	5793'	340	H	5612	5780	No acid of fracture treatments performed during this rework

WELL CASING RECORD - AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
10-3/4	229'	180	P-V	NA		
7"	5793'	340	H	5612	5780	No change to perforations

**DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY**

WIRE LINE LOGS. LIST EACH TYPE

	Log Types		Logged Intervals
Set plug in tubing profile nipple. Test tubing and indicated leaks.	No logging during this rework		
Pulled tubing and discovered leaking joints. Changed out bad tubing and ran back in hole with a 7" packer. Set packer at 5560'.			
Run MIT test to 1020 psig and passed. Repair MIT leak complete.			

CERTIFICATION

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

NAME AND OFFICIAL TITLE (Please type or print)

J. T. Conley
District Manager

SIGNATURE

DATE SIGNED

02-20-2001

MECHANICAL INTEGRITY TEST
CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (BENF-T)
999 18TH STREET, SUITE 500, DENVER, CO. 80202-2466

EPA WITNESS: _____ DATE: Feb -17-01 TIME: 7:30 AM

TEST CONDUCTED BY: Glen Hansen

OTHERS PRESENT: Henry Carmack Steve Kidd Bernice Oberkowsky Nate Corey

WELL: <u>23-18 B</u>	WELL ID. # <u>88 UT-02404</u>
	API # <u>43-047-15210</u>
FIELD: <u>Red Wash</u>	COMPANY: <u>SHENANDOAH ENERGY INC.</u>
WELL LOCATION: <u>NE SW 1/4 T 73-23E</u>	ADDRESS: <u>11002 EAST 17500 SOUTH</u>
	<u>VERNAL, UTAH 84078</u>
WELL STATUS: <u>ACTIVE (TEMP SI FOR MIT)</u>	

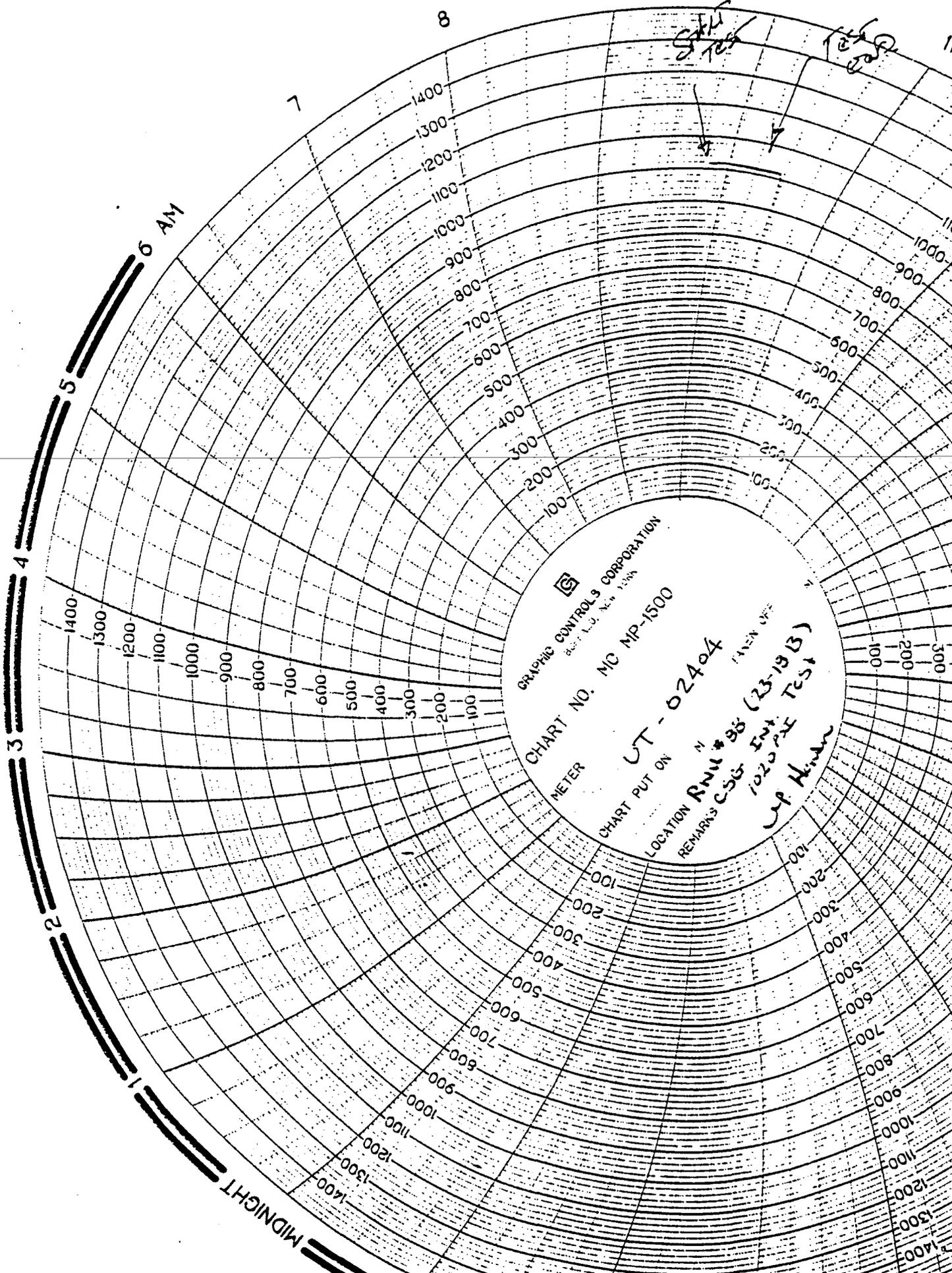
TIME		TEST #1	TIME	TEST #2	TIME	TEST #3
		CASING PRESSURE		CASING PRESSURE		CASING PRESSURE
<u>7:30 AM</u>	<u>0 MIN</u>	<u>525</u>	<u>10:00 AM</u>	<u>1020</u>		
<u>7:35</u>	<u>5</u>	<u>525</u>	<u>10:05</u>	<u>1020</u>		
<u>7:40</u>	<u>10</u>	<u>522</u>	<u>10:10</u>	<u>1020</u>		
<u>7:45</u>	<u>15</u>	<u>522</u>	<u>10:15</u>	<u>1020</u>		
<u>7:50</u>	<u>20</u>	<u>522</u>	<u>10:20</u>	<u>1020</u>		
<u>7:55</u>	<u>25</u>	<u>522</u>	<u>10:25</u>	<u>1020</u>		
<u>8:00</u>	<u>30 MIN</u>	<u>522</u>	<u>10:30</u>	<u>1020</u>		
<u>8:05</u>	<u>35</u>	<u>522</u>				
<u>8:10</u>	<u>40</u>	<u>522</u>				
<u>8:15</u>	<u>45</u>	<u>522</u>				
<u>8:20</u>	<u>50</u>	<u>522</u>				
<u>8:25</u>	<u>55</u>	<u>522</u>				
<u>8:30</u>	<u>60 MIN</u>	<u>522</u>				

START TUBING PRESSURE, PSIG 125 140

END TUBING PRESSURE, PSIG 125 140

RESULTS (CIRCLE) PASS FAIL

SIGNATURE OF EPA WITNESS: _____



9

10

8

7

6 AM

5

4

3

2

MIDNIGHT

11

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6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 9/10/2003

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 9/16/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/16/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 965-003-032

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 799446

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

May 28, 2003

Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,



Frank Nielsen
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO
UT-922

June 9, 2003

QEP Uinta Basin, Inc.
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed its name and QEP Uinta Basin, 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 June 9, 2003. 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 Red Wash Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the name change of 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

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File – Red Wash Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT922:TAThompson:tt:6/9/03

JUL 07 2003

3104 (932.34)WF
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc.
1050 17th Street Suite 500
Denver, Colorado 80265

:
: Oil and Gas
: lease
:

Name Change Recognized

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

S/ Wilbert B. Forbes

Wilbert B. Forbes
Land Law Examiner
Branch of Use Authorization
Division of Resources Planning,
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Uinta Basin
MFO

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number <u>See Attached List</u>		API Number
Location of Well		Field or Unit Name <u>Red Wash</u>
Footage :	County : <u>Uintah</u>	Lease Designation and Number
QQ, Section, Township, Range:	State : <u>UTAH</u>	

EFFECTIVE DATE OF TRANSFER: _____

CURRENT OPERATOR

Company: <u>Shenandoah Energy Inc</u>	Name: <u>John Busch</u>
Address: <u>11002 East 17500 South</u>	Signature: <u>John Busch</u>
<u>city Vernal state UT zip 84078</u>	Title: <u>District Foreman</u>
Phone: <u>(435) 781-4300</u>	Date: <u>9-02-03</u>
Comments:	

NEW OPERATOR

Company: <u>QEP Uinta Basin, Inc.</u>	Name: <u>John Busch</u>
Address: <u>11002 East 17500 South</u>	Signature: <u>John Busch</u>
<u>city Vernal state UT zip 84078</u>	Title: <u>District Foreman</u>
Phone: _____	Date: <u>9-02-03</u>
Comments:	

(This space for State use only)

Transfer approved by: [Signature]
Title: Field Services Manager

Approval Date: 9-10-03

Comments: Case #105-01
located in Indian Country, EPA
is primary use Agency.

RECEIVED
SEP 04 2003
DIV. OF OIL, GAS & MINING

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	Field	Footages
RED WASH UNIT 261	17	070S	230E	4304732739	5670	Federal	WI	A	Red Wash	1785 FSL, 1843 FWL
RWU 100-A (43-21A)	21	070S	220E	4304715219	5670	Federal	WI	A	Red Wash	1787 FSL, 534 FEL
RWU 102 (41-24A)	24	070S	220E	4304715221	5670	Federal	WI	A	Red Wash	1360 FNL, 660 FEL
RWU 11	27	070S	230E	4304715142	5670	Federal	WI	A	Red Wash	660 FSL, 2030 FEL
RWU 11-19B	19	070S	230E	4304733552	5670	Federal	WI	A	Red Wash	618 FNL, 477 FWL
RWU 11-20B	20	070S	230E	4304733553	5670	Federal	WI	A	Red Wash	761 FNL, 677 FWL
RWU 11-25A	25	070S	220E	4304733574	5670	Federal	WI	A	Red Wash	1206 FNL, 491 FWL
RWU 11-29B	29	070S	230E	4304733590	5670	Federal	WI	A	Red Wash	786 FNL, 819 FWL
RWU 11-30B	30	070S	230E	4304733785	5670	Federal	WI	A	Red Wash	590 FNL, 787 FWL
RWU 12-24A	24	070S	220E	4304733591	5670	Federal	WI	A	Red Wash	1528 FNL, 930 FWL
RWU 13-19B	19	070S	230E	4304733497	5670	Federal	WI	A	Red Wash	1802 FSL, 374 FWL
RWU 13-20B	20	070S	230E	4304733498	5670	Federal	WI	A	Red Wash	2143' FSL, 704' FWL
RWU 13-25A	25	070S	220E	4304733575	5670	Federal	WI	A	Red Wash	1446 FSL, 664 FWL
RWU 14 (14-13B)	13	070S	230E	4304715144	5670	Federal	WI	A	Red Wash	660 FSL, 660 FWL
RWU 148 (13-22B)	22	070S	230E	4304715261	5670	Federal	WI	A	Red Wash	2073 FSL, 660 FWL
RWU 150 (31-22B)	22	070S	230E	4304715263	5670	Federal	WI	I	Red Wash	595 FNL, 1935 FEL
RWU 156 (23-15B)	15	070S	230E	4304715267	5670	Federal	WI	A	Red Wash	2115 FSL, 1982 FWL
RWU 16 (43-28B)	28	070S	230E	4304716475	5670	Federal	WI	I	Red Wash	1980 FSL, 660 FEL
RWU 161 (14-20B)	20	070S	230E	4304715271	5670	Federal	WI	I	Red Wash	660 FSL, 678 FWL
RWU 17 (41-20B)	20	070S	230E	4304715146	5670	Federal	WI	A	Red Wash	660 FNL, 660 FEL
RWU 170 (41-15B)	15	070S	230E	4304716495	5670	Federal	WI	I	Red Wash	660 FNL, 660 FEL
RWU 173 (21-21B)	21	070S	230E	4304716496	5670	Federal	WI	A	Red Wash	660 FNL, 1980 FWL
RWU 174 (21-20B)	20	070S	230E	4304715281	5670	Federal	WI	A	Red Wash	660 FNL, 1980 FWL
RWU 182 (14-21B)	21	070S	230E	4304716497	5670	Federal	WI	A	Red Wash	629 FSL, 652 FWL
RWU 183 (33-13B)	13	070S	230E	4304715289	5670	Federal	WI	A	Red Wash	1833 FSL, 2027 FEL
RWU 185 (41-1B)	14	070S	230E	4304716498	5670	Federal	WI	A	Red Wash	747 FNL, 660 FEL
RWU 199 (43-22A)	22	070S	220E	4304715301	5670	Federal	WI	A	Red Wash	1980 FSL, 658 FEL
RWU 2 (14-24B)	24	070S	230E	4304716472	5670	Federal	WI	A	Red Wash	735 FSL, 790 FWL
RWU 202 (21-34A)	34	070S	220E	4304715303	5670	Federal	WI	I	Red Wash	660 FNL, 1980 FWL
RWU 213 (41-33B)	33	070S	230E	4304720060	5670	Federal	WD	A	Red Wash	660 FNL, 580 FEL
RWU 215 (43-28A)	28	070S	220E	4304730058	5670	Federal	WI	A	Red Wash	1980' FSL, 661 FEL
RWU 216 (21-27A)	27	070S	220E	4304730103	5670	Federal	WI	A	Red Wash	660 FNL, 1976 FWL
RWU 23 (21-23B)	23	070S	230E	4304715151	5670	Federal	WI	A	Red Wash	695 FNL, 2015 FWL
RWU 23-18C (97)	18	070S	240E	4304715216	5670	Federal	WI	I	Red Wash	1956 FSL, 1699 FWL
RWU 25 (23-23B)	23	070S	230E	4304716476	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 258 (34-22A)	22	070S	220E	4304730458	5670	Federal	WI	A	Red Wash	885 FSL, 2025 FEL

RWU 263 (24-26B)	26	070S	230E	4304730518	5670	Federal	WI	I	Red Wash	591 FSL, 2007 FWL
RWU 264 (31-35B)	35	070S	230E	4304730519	5670	Federal	WI	A	Red Wash	687 FNL, 2025 FEL
RWU 266 (33-26B)	26	070S	230E	4304730521	5670	Federal	WI	I	Red Wash	1980 FSL, 1980 FEL
RWU 268 (43-17B)	17	070S	230E	4304732980	5670	Federal	WI	A	Red Wash	1924 FSL, 981 FEL
RWU 269 (13-26B)	26	070S	230E	4304730522	5670	Federal	WI	I	Red Wash	2170' FSL, 670' FWL
RWU 271 (42-35B)	35	070S	230E	4304731081	5670	Federal	WI	I	Red Wash	1979 FNL, 660 FEL
RWU 274 (13-25B)	25	070S	230E	4304731083	5670	Federal	WI		Red Wash	2129 FSL, 659 FWL
RWU 275 (31-26B)	26	070S	230E	4304731077	5670	Federal	WI	A	Red Wash	675 FNL, 1869 FEL
RWU 279 (11-36B)	36	070S	230E	4304731052	5670	Federal	WI	A	Red Wash	659 FNL, 660 FWL
RWU 283 (43-18B)	18	070S	230E	4304732982	5670	Federal	WI	A	Red Wash	1899 FSL, 708 FEL
RWU 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	Red Wash	601 FNL, 1770 FEL
RWU 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	Red Wash	1248 FNL, 2159 FEL
RWU 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	Red Wash	950 FNL, 1943 FEL
RWU 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	Red Wash	2606 FSL, 1851 FEL
RWU 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	Red Wash	2210 FSL, 2295 FEL
RWU 33-25A	25	070S	220E	4304733578	5670	Federal	WI	A	Red Wash	1413 FSL, 1809 FEL
RWU 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A	Red Wash	1775 FSL, 1937 FEL
RWU 34 (23-14B)	14	070S	230E	4304715161	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	Red Wash	1302 FSL, 1725 FEL
RWU 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	Red Wash	1295 FSL, 2125 FEL
RWU 48 (32-19B)	19	070S	230E	4304715174	5670	Federal	WI	I	Red Wash	1830 FNL, 1980 FEL
RWU 56 (41-28B)	28	070S	230E	4304715182	5670	Federal	WI	A	Red Wash	660 FNL, 660 FEL
RWU 59 (12-24B)	24	070S	230E	4304716477	5670	Federal	WI	A	Red Wash	1980 FNL, 660 FWL
RWU 6 (41-21B)	21	070S	230E	4304716482	5670	Federal	WI	A	Red Wash	660' FNL, 660 FEL
RWU 61 (12-27A)	27	070S	220E	4304716478	5670	Federal	WI	I	Red Wash	2034 FNL, 689 FWL
RWU 68 (41-13B)	13	070S	230E	4304716485	5670	Federal	WI	I	Red Wash	660 FNL, 660 FEL
RWU 7 (41-27B)	27	070S	230E	4304716473	5670	Federal	WI	I	Red Wash	567 FNL, 621 FEL
RWU 88 (23-18B)	18	070S	230E	4304715210	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 91 (33-22B)	22	070S	230E	4304716479	5670	Federal	WI	A	Red Wash	1980 FSL, 3300 FWL
RWU 93 (43-27B)	27	070S	230E	4304716480	5670	Federal	WI	I	Red Wash	660 FSL, 660 FEL
RWU 324 (23-16B)	16	070S	230E	4304733084	5670	State	WI	I	Red Wash	1274 FSL, 1838 FWL

February 13, 2006

Via Certified Mail: 7003 2260 0007 1318 7005
Return Receipt Requested

Nathan Wisner (8-ENF-UFO)
UIC Program
U.S. EPA, Region VIII
999 18th Street, Suite 300
Denver, Colorado 80202-2466

RECEIVED
FEB 15 2006
UTAH DIVISION OF OIL, GAS & MINING

RE: Notification of Loss of Mechanical Integrity
RW 23-18B, EPA # UT2000-02404
API # 43-047-15210
NESW of Section 18 T7S R23E

Dear Mr. Wisner:

It was recently discovered that the subject well experienced a loss of mechanical integrity. Verbal notification was left on your voice mail on February 9, 2006 at approximately 7:30 A.M.

As required under Part III, Section E, #11 "Reporting Requirements" of our UIC permit, we are providing the required notification of the loss of mechanical integrity in the well. The well has been shut-in and repairs to regain mechanical integrity are being evaluated. Possible causes for the loss of mechanical integrity might include packer failure and/or a tubing or casing leak. The proposed repair work would be as follows:

- 1) MIRU, pull tubing and packer, lay down and inspect for damage.
- 2) If damage to either tubing or packer is apparent the equipment will be repaired or replaced.
- 3) If the initial inspection of that equipment does not reveal the cause of the failure, the casing will be inspected for leaks.
- 4) If it is discovered that the casing does have a leak, it will be repaired with a casing patch.
- 5) The well will then have a mechanical integrity test performed on it.

The results of a successful mechanical integrity test and a well rework record (form 7520-12) will be submitted to your office. Injection in the well will not proceed without re-authorization from your office. If you have any questions or require additional information, I can be reached at 435-781-4308.

Sincerely,



Stephanie L. Tomkinson
Regulatory Affairs Technician

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

CC: Utah Division of Oil Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801
Attn: Gil Hunt

U.S. Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078
Attn: Mr. Matt Baker

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold)

X - Operator Name Change/Merger

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

1/1/2007

FROM: (Old Operator): N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900	TO: (New Operator): N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900
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CA No.		Unit:		RED WASH UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on:
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: THIS IS A COMPANY NAME CHANGE.

SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 1 (41-26B)	RW 41-26B	NENE	26	070S	230E	4304715135	5670	Federal	OW	TA
RWU 3 (34-23B)	RW 34-23B	SWSE	23	070S	230E	4304715136	5670	Federal	OW	P
RWU 4 (41-22B)	RW 41-22B	NENE	22	070S	230E	4304715137	5670	Federal	OW	TA
RWU 5 (41-23B)	RW 41-23B	NENE	23	070S	230E	4304715138	5670	Federal	OW	P
RWU 8 (32-22B)	RW 32-22B	SWNE	22	070S	230E	4304715139	5670	Federal	OW	P
RWU 9 (43-23B)	RW 43-23B	NESE	23	070S	230E	4304715140	5670	Federal	OW	P
RWU 10 (12-23B)	RW 12-23B	SWNW	23	070S	230E	4304715141	5670	Federal	OW	TA
RWU 11	RW 34-27B	SWSE	27	070S	230E	4304715142	99996	Federal	WI	A
RWU 13 (14-22B)	RW 14-22B	SWSW	22	070S	230E	4304715143	5670	Federal	OW	TA
RW 14-13B	RW 14-13B	SWSW	13	070S	230E	4304715144	99996	Federal	WI	A
RWU 15 (32-17C)	RW 32-17C	SWNE	17	070S	240E	4304715145	5670	Federal	OW	P
RWU 17 (41-20B)	RW 41-20B	NENE	20	070S	230E	4304715146	5670	Federal	WI	A
RWU 19 (34-26B)	RW 34-26B	SWSE	26	070S	230E	4304715148	5670	Federal	GW	S
RWU 21 (32-14B)	RW 32-14B	SWNE	14	070S	230E	4304715150	5670	Federal	OW	P
RWU 23 (21-23B)	RW 21-23B	SENW	23	070S	230E	4304715151	99996	Federal	WI	A
RWU 24 (34-14B)	RW 34-14B	SWSE	14	070S	230E	4304715152	5670	Federal	OW	S
RWU 26 (23-22B)	RW 23-22B	NESW	22	070S	230E	4304715153	5670	Federal	OW	TA
RWU 27 (43-14B)	RW 43-14B	NESE	14	070S	230E	4304715154	5670	Federal	OW	TA
RWU 28 (43-22B)	RW 43-22B	NESE	22	070S	230E	4304715155	5670	Federal	OW	P
RWU 29 (32-23B)	RW 32-23B	SWNE	23	070S	230E	4304715156	5670	Federal	OW	P
RW 23-13B	RW 23-13B	NESW	13	070S	230E	4304715157	5670	Federal	GW	TA
RWU 31 (34-22B)	RW 34-22B	SWSE	22	070S	230E	4304715158	5670	Federal	OW	P
RWU 33 (14-14B)	RW 14-14B	SWSW	14	070S	230E	4304715160	5670	Federal	GW	TA
RWU 34 (23-14B)	RW 23-14B	NESW	14	070S	230E	4304715161	99996	Federal	WI	A
RW 43-13B	RW 43-13B	NESE	13	070S	230E	4304715162	5670	Federal	OW	TA
RWU 36 (32-13B)	RW 32-13B	SWNE	13	070S	230E	4304715163	5670	Federal	GW	P
RWU 38 (14-23B)	RW 14-23B	SWSW	23	070S	230E	4304715165	5670	Federal	OW	P
RWU 39 (14-24A)	RW 14-24A	SWSW	24	070S	220E	4304715166	5670	Federal	OW	TA
RWU 40 (21-24B)	RW 21-24B	NENW	24	070S	230E	4304715167	5670	Federal	OW	TA
RWU 41 (34-13B)	RW 34-13B	SWSE	13	070S	230E	4304715168	5670	Federal	OW	P
RWU 42 (21-29C)	RW 21-29C	NENW	29	070S	240E	4304715169	5670	Federal	GW	P
RWU 43 (12-17B)	RW 12-17B	SWNW	17	070S	230E	4304715170	5670	Federal	OW	P
RWU 44 (32-33C)	RW 32-33C	SWNE	33	070S	240E	4304715171	5670	Federal	GW	P
RWU 45 (23-30B)	RW 23-30B	NESW	30	070S	230E	4304715172	5670	Federal	OW	TA
RWU 46 (41-21C)	RW 41-21C	NENE	21	070S	240E	4304715173	5670	Federal	GW	TA
RWU 48 (32-19B)	RW 32-19B	SWNE	19	070S	230E	4304715174	99996	Federal	WI	I
RWU 49 (12-29B)	RW 12-29B	SWNW	29	070S	230E	4304715175	5670	Federal	OW	TA
RWU 50 (14-23A)	RW 14-23A	SWSW	23	070S	220E	4304715176	5670	Federal	OW	P
RWU 52 (14-18B)	RW 14-18B	SWSW	18	070S	230E	4304715178	5670	Federal	OW	TA
RWU 53 (41-25A)	RW 41-25A	NENE	25	070S	220E	4304715179	5670	Federal	OW	TA
RWU 56 (41-28B)	RW 41-28B	NENE	28	070S	230E	4304715182	99996	Federal	WI	A

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 57 (12-18C)	RW 12-18C	SWNW	18	070S	240E	4304715183	5670	Federal	OW	P
RWU 63 (21-22B)	RW 21-22B	NENW	22	070S	230E	4304715186	5670	Federal	GW	TA
RWU 64 (32-27B)	RW 32-27B	SWNE	27	070S	230E	4304715187	5670	Federal	OW	TA
RWU 66 (34-18B)	RW 34-18B	SWSE	18	070S	230E	4304715189	5670	Federal	OW	P
RWU 67 (42-22B)	RW 42-22B	SENE	22	070S	230E	4304715190	5670	Federal	OW	TA
RWU 69 (21-27B)	RW 21-27B	NENW	27	070S	230E	4304715191	5670	Federal	OW	TA
RWU 70 (23-22A)	RW 23-22A	NESW	22	070S	220E	4304715192	5670	Federal	OW	P
RWU 71 (21-18C)	RW 21-18C	NENW	18	070S	240E	4304715193	5670	Federal	OW	P
RWU 72 (23-27B)	RW 23-27B	NESW	27	070S	230E	4304715194	5670	Federal	OW	TA
RWU 74 (12-13B)	RW 12-13B	SWNW	13	070S	230E	4304715196	5670	Federal	GW	S
RWU 75 (21-26B)	RW 21-26B	NENW	26	070S	230E	4304715197	5670	Federal	OW	TA
RWU 76 (32-18C)	RW 32-18C	SWNE	18	070S	240E	4304715198	5670	Federal	GW	P
RWU 77 (21-13B)	RWU 77 (21-13B)	NENW	13	070S	230E	4304715199	5670	Federal	OW	P
RWU 78 (32-28B)	RW 32-28B	SWNE	28	070S	230E	4304715200	5670	Federal	OW	P
RWU 79 (12-27B)	RW 12-27B	SWNW	27	070S	230E	4304715201	5670	Federal	OW	TA
RWU 80 (14-27B)	RW 14-27B	SWSW	27	070S	230E	4304715202	5670	Federal	OW	S
RWU 81 (41-31B)	RW 41-31B	NENE	31	070S	230E	4304715203	5670	Federal	OW	P
RWU 83 (41-27A)	RW 41-27A	NENE	27	070S	220E	4304715205	5670	Federal	OW	P
RWU 84 (44-14B)	RW 44-14B	SESE	14	070S	230E	4304715206	5670	Federal	GW	P
RWU 88 (23-18B)	RW 23-18B	NESW	18	070S	230E	4304715210	5670	Federal	WI	A
RWU 90 (43-21B)	RW 43-21B	NESE	21	070S	230E	4304715211	5670	Federal	OW	P
RWU 92 (11-23B)	RW 11-23B	NWNW	23	070S	230E	4304715212	5670	Federal	OW	TA
RWU 94 (12-22A)	RW 12-22A	SWNW	22	070S	220E	4304715213	5670	Federal	OW	P
RWU 23-18C (97)	RW 23-18C	NESW	18	070S	240E	4304715216	99996	Federal	WI	I
RWU 99 (12-22B)	RW 12-22B	SWNW	22	070S	230E	4304715218	5670	Federal	OW	P
RWU 100-A (43-21A)	RW 43-21A	NESE	21	070S	220E	4304715219	5670	Federal	WI	A
RWU 101 (34-21B)	RW 34-21B	SWSE	21	070S	230E	4304715220	5670	Federal	OW	P
RWU 102 (41-24A)	RW 41-24A	SENE	24	070S	220E	4304715221	5670	Federal	WI	A
RWU 103 (34-15B)	RW 34-15B	SWSE	15	070S	230E	4304715222	5670	Federal	OW	P
RWU 108 (32-21B)	RW 32-21B	SWNE	21	070S	230E	4304715226	5670	Federal	OW	P
RWU 109 (21-28B)	RW 21-28B	NENW	28	070S	230E	4304715227	5670	Federal	OW	P
RWU 110 (23-23A)	RW 23-23A	NESW	23	070S	220E	4304715228	5670	Federal	OW	P
RWU 111 (32-24A)	RW 32-24A	SWNE	24	070S	220E	4304715229	5670	Federal	OW	S
RWU 112 (32-28A)	RW 32-28A	SWNE	28	070S	220E	4304715230	5670	Federal	OW	S
RWU 115 (21-19B)	RW 21-19B	NENW	19	070S	230E	4304715233	5670	Federal	OW	P
RWU 119 (43-29A)	RW 43-29A	NESE	29	070S	220E	4304715236	5670	Federal	OW	P
RWU 120 (23-28B)	RW 23-28B	NESW	28	070S	230E	4304715237	5670	Federal	OW	TA
RW 13-13B	RW 13-13B	NWSW	13	070S	230E	4304715238	5670	Federal	GW	P
RWU 122 (24-14B)	RW 24-14B	SESW	14	070S	230E	4304715239	5670	Federal	OW	P
RWU 125 (34-19B)	RW 34-19B	SWSE	19	070S	230E	4304715242	5670	Federal	OW	TA
RWU 126 (41-29A)	RW 41-29A	NENE	29	070S	220E	4304715243	5670	Federal	OW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 127 (12-19B)	RW 12-19B	SWNW	19	070S	230E	4304715244	5670	Federal	OW	S
RWU 129 (14-15B)	RW 14-15B	SWSW	15	070S	230E	4304715246	5670	Federal	OW	P
RWU 133 (41-34B)	RW 41-34B	NENE	34	070S	230E	4304715250	5670	Federal	OW	P
RWU 136 (43-19B)	RW 43-19B	NESE	19	070S	230E	4304715252	5670	Federal	OW	TA
RWU 137 (34-28B)	RW 34-28B	SWSE	28	070S	230E	4304715253	5670	Federal	GW	TA
RWU 138 (41-30B)	RW 41-30B	NENE	30	070S	230E	4304715254	5670	Federal	OW	P
RWU 140 (24-22B)	RW 24-22B	SESW	22	070S	230E	4304715255	5670	Federal	OW	P
RWU 141 (11-27B)	RW 11-27B	NWNW	27	070S	230E	4304715256	5670	Federal	OW	TA
RWU 143 (33-14B)	RW 33-14B	NWSE	14	070S	230E	4304715257	5670	Federal	OW	P
RWU 144 (21-18B)	RW 21-18B	NENW	18	070S	230E	4304715258	5670	Federal	OW	TA
RW 24-13B	RW 24-13B	SESW	13	070S	230E	4304715259	5670	Federal	OW	TA
RWU 147 (22-22B)	RW 22-22B	SESW	22	070S	230E	4304715260	5670	Federal	OW	TA
RWU 148 (13-22B)	RW 13-22B	NWSW	22	070S	230E	4304715261	99996	Federal	WI	A
RWU 150 (31-22B)	RW 31-22B	NWNE	22	070S	230E	4304715263	99996	Federal	WI	I
RWU 151 (42-14B)	RW 42-14B	SENE	14	070S	230E	4304715264	5670	Federal	OW	P
RWU 153 (14-29B)	RW 14-29B	SWSW	29	070S	230E	4304715265	5670	Federal	OW	P
RWU 156 (23-15B)	RW 23-15B	NESW	15	070S	230E	4304715267	99990	Federal	WI	A
RWU 158 (32-30B)	RW 32-30B	SWNE	30	070S	230E	4304715268	5670	Federal	OW	P
RWU 160 (32-15B)	RW 32-15B	SWNE	15	070S	230E	4304715270	5670	Federal	OW	P
RWU 161 (14-20B)	RW 14-20B	SWSW	20	070S	230E	4304715271	99996	Federal	WI	I
RWU 162 (12-20B)	RW 12-20B	SWNW	20	070S	230E	4304715272	5670	Federal	OW	P
RWU 164 (12-28B)	RW 12-28B	SWNW	28	070S	230E	4304715274	5670	Federal	OW	P
RWU 165 (32-26B)	RW 32-26B	SWNE	26	070S	230E	4304715275	5670	Federal	GW	TA
RWU 167 (23-21B)	RW 23-21B	NESW	21	070S	230E	4304715277	5670	Federal	OW	S
RWU 168 (23-24B)	RW 23-24B	NESW	24	070S	230E	4304715278	5670	Federal	OW	TA
RWU 172 (21-30B)	RW 21-30B	NENW	30	070S	230E	4304715280	5670	Federal	OW	TA
RWU 174 (21-20B)	RW 21-20B	NENW	20	070S	230E	4304715281	5670	Federal	WI	A
RWU 176 (31-28B)	RW 31-28B	NWNE	28	070S	230E	4304715283	5670	Federal	OW	TA
RWU 177 (42-28B)	RW 42-28B	SENE	28	070S	230E	4304715284	5670	Federal	OW	TA
RW 22-13B	RW 22-13B	SESW	13	070S	230E	4304715285	5670	Federal	OW	TA
RWU 180 (31-23B)	RW 31-23B	NWNE	23	070S	230E	4304715287	5670	Federal	OW	TA
RWU 181 (34-30B)	RW 34-30B	SWSE	30	070S	230E	4304715288	5670	Federal	OW	P
RW 33-13B	RW 33-13B	NWSE	13	070S	230E	4304715289	5670	Federal	WI	A
RWU 184 (23-26B)	RW 23-26B	NESW	26	070S	230E	4304715290	5670	Federal	GW	S
RWU 188 (23-20B)	RW 23-20B	NESW	20	070S	230E	4304715291	5670	Federal	OW	TA
RWU 192 (41-33A)	RW 41-33A	NENE	33	070S	220E	4304715294	5670	Federal	OW	P
RWU 193 (43-24B)	RW 43-24B	NESE	24	070S	230E	4304715295	5670	Federal	GW	TA
RWU 194 (12-14B)	RW 12-14B	SWNW	14	070S	230E	4304715296	5670	Federal	OW	S
RWU 196 (23-17C)	RW 23-17C	NESW	17	070S	240E	4304715298	5670	Federal	GW	TA
RWU 199 (43-22A)	RW 43-22A	NESE	22	070S	220E	4304715301	99996	Federal	WI	A
RWU 201 (32-28C)	RW 32-28C	SWNE	28	070S	240E	4304715302	5670	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 202 (21-34A)	RW 21-34A	NENW	34	070S	220E	4304715303	99996	Federal	WI	I
RWU 204 (23-25A)	RW 23-25A	NESW	25	070S	220E	4304715305	5670	Federal	OW	P
RWU 205 (23-21C)	RW 23-21C	NESW	21	070S	240E	4304715306	5670	Federal	GW	TA
RWU 2 (14-24B)	RW 14-24B	SWSW	24	070S	230E	4304716472	99996	Federal	WI	A
RWU 7 (41-27B)	RW 41-27B	NENE	27	070S	230E	4304716473	99996	Federal	WI	I
RWU 16 (43-28B)	RW 43-28B	NESE	28	070S	230E	4304716475	99996	Federal	WI	I
RWU 25 (23-23B)	RW 23-23B	NESW	23	070S	230E	4304716476	99996	Federal	WI	A
RWU 59 (12-24B)	RW 12-24B	SWNW	24	070S	230E	4304716477	99996	Federal	WI	A
RWU 61 (12-27A)	RW 12-27A	SWNW	27	070S	220E	4304716478	99996	Federal	WI	I
RWU 91 (33-22B)	RW 33-22B	NWSE	22	070S	230E	4304716479	99996	Federal	WI	A
RWU 93 (43-27B)	RW 43-27B	NESE	27	070S	230E	4304716480	99996	Federal	WI	I
RWU 6 (41-21B)	RW 41-21B	NENE	21	070S	230E	4304716482	99996	Federal	WI	A
RWU 68 (41-13B)	RW 41-13B	NENE	13	070S	230E	4304716485	99996	Federal	WI	I
RWU 170 (41-15B)	RW 41-15B	NENE	15	070S	230E	4304716495	99996	Federal	WI	I
RWU 173 (21-21B)	RW 21-21B	NENW	21	070S	230E	4304716496	99996	Federal	WI	A
RWU 182 (14-21B)	RW 14-21B	SWSW	21	070S	230E	4304716497	99996	Federal	WI	A
RWU 185 (41-1B)	RW 41-14B	NENE	14	070S	230E	4304716498	99996	Federal	WI	A
RWU 212 (41-8F)	RW 41-8F	NENE	08	080S	240E	4304720014	5670	Federal	GW	P
RWU 213 (41-33B)	RW 41-33B	NENE	33	070S	230E	4304720060	99996	Federal	WD	A
RWU 215 (43-28A)	RW 43-28A	NESE	28	070S	220E	4304730058	99996	Federal	WD	A
RWU 216 (21-27A)	RW 21-27A	NENW	27	070S	220E	4304730103	99996	Federal	WI	A
RWU 219 (44-21C)	RW 44-21C	SESE	21	070S	240E	4304730149	5670	Federal	GW	S
RWU 220 (22-23B)	RW 22-23B	SENW	23	070S	230E	4304730192	5670	Federal	OW	TA
RWU 221 (13-27B)	RW 13-27B	NWSW	27	070S	230E	4304730199	5670	Federal	OW	TA
RWU 222 (31-27B)	RW 31-27B	NWNE	27	070S	230E	4304730200	5670	Federal	GW	TA
RWU 224 (44-22B)	RW 44-22B	SESE	22	070S	230E	4304730202	5670	Federal	GW	TA
RWU 225 (13-23B)	RW 13-23B	NWSW	23	070S	230E	4304730212	5670	Federal	GW	TA
RWU 226 (24-23B)	RW 24-23B	SESW	23	070S	230E	4304730249	5670	Federal	GW	S
RWU 227 (14-26B)	RW 14-26B	SWSW	26	070S	230E	4304730257	5670	Federal	OW	TA
RWU 228 (21-34B)	RW 21-34B	NENW	34	070S	230E	4304730258	5670	Federal	OW	P
RWU 229 (43-26B)	RW 43-26B	NESE	26	070S	230E	4304730259	5670	Federal	OW	TA
RWU 230 (14-18C)	RW 14-18C	SWSW	18	070S	240E	4304730309	5670	Federal	OW	P
RWU 231 (21-35B)	RW 21-35B	NENW	35	070S	230E	4304730310	5670	Federal	OW	TA
RWU 232 (12-26B)	RW 12-26B	SWNW	26	070S	230E	4304730311	5670	Federal	OW	TA
RWU 233 (12-25B)	RW 12-25B	SWNW	25	070S	230E	4304730312	5670	Federal	OW	TA
RWU 234 (32-24B)	RW 32-24B	SWNE	24	070S	230E	4304730313	5670	Federal	OW	P
RWU 235 (34-18C)	RW 34-18C	SWSE	18	070S	240E	4304730314	5670	Federal	OW	S
RWU 236 (21-19C)	RW 21-19C	NENW	19	070S	240E	4304730340	5670	Federal	GW	P
RWU 237 (14-25B)	RW 14-25B	SWSW	25	070S	230E	4304730341	5670	Federal	OW	P
RWU 238 (32-35B)	RW 32-35B	SWNE	35	070S	230E	4304730342	5670	Federal	OW	TA
RWU 239 (41-35B)	RW 41-35B	NENE	35	070S	230E	4304730343	5670	Federal	OW	TA

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 240 (12-36B)	RW 12-36B	SWNW	36	070S	230E	4304730344	5670	Federal	OW	S
RWU 241 (22-14B)	RW 22-14B	SENE	14	070S	230E	4304730345	5670	Federal	OW	P
RW 42-13B	RW 42-13B	SENE	13	070S	230E	4304730346	5670	Federal	OW	P
RWU 243 (42-18C)	RW 42-18C	SENE	18	070S	240E	4304730347	5670	Federal	OW	TA
RWU 244 (23-19C)	RW 23-19C	NESW	19	070S	240E	4304730348	5670	Federal	GW	P
RWU 246 (22-18C)	RW 22-18C	SENE	18	070S	240E	4304730387	5670	Federal	OW	P
RWU 247 (22-17C)	RW 22-17C	SENE	17	070S	240E	4304730388	5670	Federal	GW	P
RWU 258 (34-22A)	RW 34-22A	SWSE	22	070S	220E	4304730458	5670	Federal	WI	A
RWU 262 (22-26B)	RW 22-26B	SENE	26	070S	230E	4304730517	5670	Federal	GW	TA
RWU 263 (24-26B)	RW 24-26B	SESW	26	070S	230E	4304730518	99996	Federal	WI	I
RWU 264 (31-35B)	RW 31-35B	NWNE	35	070S	230E	4304730519	99996	Federal	WI	A
RWU 265 (44-26B)	RW 44-26B	SESE	26	070S	230E	4304730520	5670	Federal	GW	P
RWU 266 (33-26B)	RW 33-26B	NWSE	26	070S	230E	4304730521	99996	Federal	WI	I
RWU 269 (13-26B)	RW 13-26B	NWSW	26	070S	230E	4304730522	99996	Federal	WI	A
RWU 273 (42-27B)	RW 42-27B	SENE	27	070S	230E	4304731051	5670	Federal	OW	TA
RWU 279 (11-36B)	RW 11-36B	NWNW	36	070S	230E	4304731052	99996	Federal	WI	A
RWU 276 (44-27B)	RW 44-27B	SESE	27	070S	230E	4304731053	5670	Federal	OW	TA
RWU 272 (44-23B)	RW 44-23B	SESE	23	070S	230E	4304731054	5670	Federal	GW	P
RWU 278 (11-26)	RW 11-26	NWNW	26	070S	230E	4304731076	5670	Federal	GW	TA
RWU 275 (31-26B)	RW 31-26B	NWNE	26	070S	230E	4304731077	99996	Federal	WI	A
RWU 280 (11-35B)	RW 11-35B	NWNW	35	070S	230E	4304731079	5670	Federal	OW	P
RWU 282 (42-26B)	RW 42-26B	SENE	26	070S	230E	4304731080	5670	Federal	GW	TA
RWU 271 (42-35B)	RW 42-35B	SENE	35	070S	230E	4304731081	5670	Federal	WI	I
RWU 270 (22-35B)	RW 22-35B	SENE	35	070S	230E	4304731082	5670	Federal	OW	P
RWU 284 (33-23B)	RW 33-23B	NWSE	23	070S	230E	4304731476	5670	Federal	GW	TA
RWU 285 (11-24B)	RW 11-24B	NWNW	24	070S	230E	4304731477	5670	Federal	OW	P
RWU 286 (42-21B)	RW 42-21B	SENE	21	070S	230E	4304731478	5670	Federal	OW	P
RW 44-13B	RW 44-13B	SESE	13	070S	230E	4304731512	5670	Federal	OW	TA
RWU 288 (24-27)	RW 24-27	SESW	27	070S	230E	4304731513	5670	Federal	OW	TA
RWU 289 (13-24B)	RW 13-24B	NWSW	24	070S	230E	4304731517	5670	Federal	OW	P
RWU 292 (42-23B)	RW 42-23B	SENE	23	070S	230E	4304731576	5670	Federal	GW	TA
RWU 295 (11-22B)	RW 11-22B	NWNW	22	070S	230E	4304731577	5670	Federal	GW	TA
RWU 296 (12-35B)	RW 12-35B	SWNW	35	070S	230E	4304731578	5670	Federal	OW	S
RWU 297 (24-15B)	RW 24-15B	SESW	15	070S	230E	4304731579	5670	Federal	OW	P
RWU 293 (22-22A)	RW 22-22A	SENE	22	070S	220E	4304731581	5670	Federal	OW	TA
RWU 294 (24-18C)	RW 24-18C	SESW	18	070S	240E	4304731582	5670	Federal	GW	P
RWU 298 (22-27B)	RW 22-27B	SENE	27	070S	230E	4304731679	5670	Federal	OW	TA
RWU 301 (43-15B)	RW 43-15B	NESE	15	070S	230E	4304731682	5670	Federal	GW	TA
RWU 302 (22-24B)	RW 22-24B	SENE	24	070S	230E	4304731683	5670	Federal	GW	TA
RWU 303 (34-17B)	RW 34-17B	SWSE	17	070S	230E	4304731819	5670	Federal	OW	P
RED WASH 305 (41-4F)	RW 41-4F	C-NE	04	080S	240E	4304732538	5670	Federal	GW	TA

RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RED WASH 306	RW 23-23C	NESW	23	070S	240E	4304732629	5670	Federal	GW	P
RWU 207	RW 14-17B	SWSW	17	070S	230E	4304732738	5670	Federal	OW	P
RED WASH UNIT 261	RW 23-17B	NESW	17	070S	230E	4304732739	5670	Federal	WI	A
RWU 268 (43-17B)	RW 43-17B	NESE	17	070S	230E	4304732980	5670	Federal	WI	A
RWU 267 (32-17B)	RW 32-17B	SWNE	17	070S	230E	4304732981	5670	Federal	OW	P
RWU 283 (43-18B)	RW 43-18B	NESE	18	070S	230E	4304732982	5670	Federal	WI	A
RWU 299 (32-18B)	RW 32-18B	SWNE	18	070S	230E	4304733018	5670	Federal	OW	P
RWU 42-20B	RW 42-20B	SENE	20	070S	230E	4304733490	5670	Federal	OW	P
RWU 22-20B	RW 22-20B	SENE	20	070S	230E	4304733491	5670	Federal	OW	S
RWU 24-19B	RW 24-19B	SESW	19	070S	230E	4304733492	5670	Federal	OW	P
RWU 13-19B	RW 13-19B	NWSW	19	070S	230E	4304733497	5670	Federal	WI	A
RWU 13-20B	RW 13-20B	NWSW	20	070S	230E	4304733498	5670	Federal	WI	A
RWU 33-19B	RW 33-19B	NWSE	19	070S	230E	4304733499	5670	Federal	WI	A
RWU 33-20B	RW 33-20B	NWSE	20	070S	230E	4304733500	5670	Federal	WI	A
RED WASH 22-21B	RW 22-21B	SENE	21	070S	230E	4304733522	5670	Federal	OW	S
RED WASH 24-20B	RW 24-20B	SESW	20	070S	230E	4304733523	5670	Federal	OW	P
RED WASH 44-19B	RW 44-19B	SESE	19	070S	230E	4304733524	5670	Federal	OW	P
RED WASH 44-20B	RW 44-20B	SESE	20	070S	230E	4304733525	5670	Federal	OW	P
RWU 11-19B	RW 11-19B	NWNW	19	070S	230E	4304733552	5670	Federal	WI	A
RWU 11-20B	RW 11-20B	NWNW	20	070S	230E	4304733553	5670	Federal	WI	A
RWU 24-18B	RW 24-18B	SESW	18	070S	230E	4304733554	5670	Federal	OW	P
RWU 31-19B	RW 31-19B	NWNE	19	070S	230E	4304733555	5670	Federal	WI	A
RWU 42-19B	RW 42-19B	SENE	19	070S	230E	4304733556	5670	Federal	OW	P
RWU 22-19B	RW 22-19B	SENE	19	070S	230E	4304733559	5670	Federal	OW	P
RWU 23-24A	RW 23-24A	NESW	24	070S	220E	4304733567	5670	Federal	OW	P
RWU 34-24A	RW 34-24A	SWSE	24	070S	220E	4304733568	5670	Federal	WI	A
RWU 42-24A	RW 42-24A	SENE	24	070S	220E	4304733569	5670	Federal	OW	S
RWU 11-25A	RW 11-25A	NWNW	25	070S	220E	4304733574	5670	Federal	WI	A
RWU 13-25A	RW 13-25A	NWSW	25	070S	220E	4304733575	5670	Federal	WI	A
RWU 21-25A	RW 21-25A	NENW	25	070S	220E	4304733576	5670	Federal	OW	P
RWU 31-25A	RW 31-25A	NWNE	25	070S	220E	4304733577	5670	Federal	WI	A
RWU 33-25A	RW 33-25A	NWSE	25	070S	220E	4304733578	5670	Federal	WI	A
RW 41-25AX	RW 41-25A	NENE	25	070S	220E	4304733579	5670	Federal	OW	P
RWU 42-25A	RWU 42-25A	SENE	25	070S	220E	4304733580	5670	Federal	OW	TA
RWU 11-29B	RW 11-29B	NWNW	29	070S	230E	4304733590	5670	Federal	WI	A
RWU 12-24A	RW 12-24A	SWNW	24	070S	220E	4304733591	5670	Federal	WI	A
RWU 21-24A	RW 21-24A	NENW	24	070S	220E	4304733592	5670	Federal	OW	P
RWU 34-13A	RW 34-13A	SWSE	13	070S	220E	4304733593	5670	Federal	WI	A
RWU 44-18B	RW 44-18B	SESE	18	070S	230E	4304733594	5670	Federal	OW	P
RW 22-13A	RW 22-13A	SENE	13	070S	220E	4304733765	13296	Federal	OW	S
RWU 22-29B	RW 22-29B	SENE	29	070S	230E	4304733766	5670	Federal	OW	S

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 41-24A	RW 41-24A	NENE	24	070S	220E	4304733769	5670	Federal	OW	P
RWU 42-30B	RW 42-30B	SENE	30	070S	230E	4304733771	5670	Federal	OW	P
RWU 44-30B	RWU 44-30B	SESE	30	070S	230E	4304733772	5670	Federal	OW	P
RWU 11-30B	RW 11-30B	NWNW	30	070S	230E	4304733785	5670	Federal	WI	A
RWU 22-25A	RW 22-25A	SENE	25	070S	220E	4304733786	5670	Federal	OW	P
RWU 31-30B	RW 31-30B	NWNE	30	070S	230E	4304733788	5670	Federal	WI	A
RWU 33-30B	RW 33-30B	NWSE	30	070S	230E	4304733790	5670	Federal	WI	A
RED WASH U 34-27C	RW 34-27C	SWSE	27	070S	240E	4304735045	5670	Federal	GW	P
RWU 34-22C	RW 34-22C	SWSE	22	070S	240E	4304735098	5670	Federal	GW	P
RW 12G-20C	RW 12G-20C	SWNW	20	070S	240E	4304735239	14011	Federal	GW	S
RW 43G-08F	RW 43G-08F	NESE	08	080S	240E	4304735655		Federal	GW	APD
RW 22G-09F	RW 22G-09F	SENE	09	080S	240E	4304735656	15636	Federal	GW	OPS
RWU 34-23AG	RW 34-23AG	SWSE	23	070S	220E	4304735668	5670	Federal	OW	P
RWU 34-27AG	RWU 34-27AD	SWSE	27	070S	220E	4304735669	5670	Federal	OW	DRL
RWU 32-27AG	RWU 32-27AG	SWNE	27	070S	220E	4304735670	5670	Federal	OW	S
RW 14-34AMU	RW 14-34AMU	SWSW	34	070S	220E	4304735671	14277	Federal	GW	P
RW 12-08FG	RW 12-08FG	SWNW	08	080S	240E	4304736348		Federal	GW	APD
RW 44-08FG	RW 44-08FG	SESE	08	080S	240E	4304736349	15261	Federal	GW	P
RW 12-17FG	RW 12-17FG	SWNW	17	080S	240E	4304736350		Federal	GW	APD
RW 34-34 AMU	RW 34-34 AD	SWSE	34	070S	220E	4304736351		Federal	GW	APD
RW 44-35 AMU	RW 44-35 AMU	SESE	35	070S	220E	4304736352		Federal	GW	APD
RW 14-35 AMU	RW 14-35 AMU	SWSW	35	070S	220E	4304736354		Federal	GW	APD
RW 33-31 BMU	RW 33-31 BD	NWSE	31	070S	230E	4304736357		Federal	GW	APD
RW 13-31 BMU	RW 13-31 BD	NWSW	31	070S	230E	4304736358		Federal	GW	APD
RW 32-15FG	RW 32-15FG	SWNE	15	080S	240E	4304736443		Federal	GW	APD
RW 21-26AG	RW 21-26AD	NENW	26	070S	220E	4304736768		Federal	OW	APD
RW 43-26AG	RW 43-26AG	NESE	26	070S	220E	4304736769		Federal	OW	APD
RW 43-23AG	RW 43-23AG	NESE	23	070S	220E	4304736770		Federal	OW	APD
RW 41-26AG	RW 41-26AG	NENE	26	070S	220E	4304736818		Federal	OW	APD
RW 04-25BG	RW 04-25B	NWSW	25	070S	230E	4304736982		Federal	OW	APD
RW 01-25BG	RW 01-25BG	NWNW	25	070S	230E	4304736983		Federal	OW	APD
RW 04-26BG	RW 04-26BG	SESW	26	070S	230E	4304736984		Federal	OW	APD
RW 01-26BG	RW 01-26BG	SWNW	26	070S	230E	4304736985		Federal	OW	APD
RW 01-35BG	RW 01-35BG	SWNW	35	070S	230E	4304736986		Federal	OW	APD

RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 51 (12-16B)	RW 12-16B	SWNW	16	070S	230E	4304715177	5670	State	OW	P
RWU ST 189 (41-16B)	RW 41-16B	NENE	16	070S	230E	4304715292	5670	State	OW	S
RED WASH UNIT 259	RW 14-16B	SWSW	16	070S	230E	4304732785	5670	State	OW	P
RED WASH UNIT 260	RW 34-16B	SWSE	16	070S	230E	4304732786	5670	State	OW	P
RWU 324 (23-16B)	RW 23-16B	SESW	16	070S	230E	4304733084	5670	State	WI	OPS
RWU 21W-36A	RWU 21W-36A	NENW	36	070S	220E	4304733730		State	GW	LA
RWU 21G-36A	RWU 21G-36A	NENW	36	070S	220E	4304733731		State	OW	LA
RWU 41-36A	RWU 41-36A	NENE	36	070S	220E	4304733732		State	OW	LA
RWU 43-16B	RWU 43-16B	NESE	16	070S	230E	4304733733		State	OW	LA
RWU 21-16B	RWU 21-16B	NENW	16	070S	230E	4304733734		State	OW	LA
RWU 11-36A	RWU 11-36A	NWNW	36	070S	220E	4304733736		State	OW	LA
RWU 13-36A	RWU 13-36A	NWSW	36	070S	220E	4304733737		State	OW	LA
RW 32G-16C	RW 32G-16C	SWNE	16	070S	240E	4304735238	5670	State	GW	P
RW 14-36AMU	RW 14-36AMU	SWSW	36	070S	220E	4304736721		State	GW	APD
RW 01-36BG	RW 01-36BG	NWNW	36	070S	230E	4304736887	5670	State	OW	S
RW 24-16BG	RW 24-16BG	SESW	16	070S	230E	4304737746	5670	State	OW	DRL
RW 12-32BG	RW 12-32BG	SWNW	32	070S	230E	4304737946	15841	State	GW	DRL

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 <small>CITY</small> Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		8. WELL NAME and NUMBER: see attached
QTR/GTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: attached
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT:
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

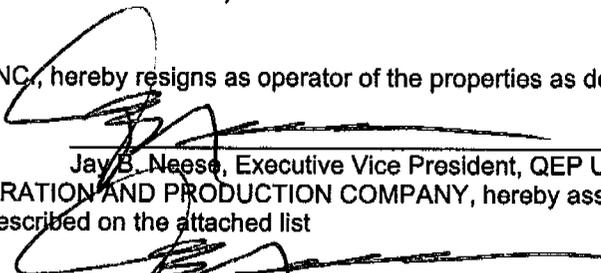
Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

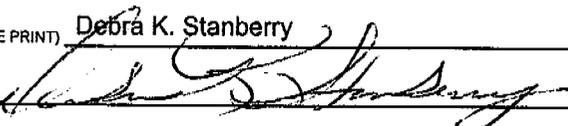
Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.


Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list


Jay B. Neese, Executive Vice President
Questar Exploration and Production Company

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE 	DATE <u>3/16/2007</u>

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DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 City Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		8. WELL NAME and NUMBER: see attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: attached
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT:
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	
	<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) <u>Debra K. Stanberry</u>	TITLE <u>Supervisor, Regulatory Affairs</u>
SIGNATURE	DATE <u>4/17/2007</u>

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DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO
3180
UT-922

April 23, 2007

Questar Exploration and Production Company
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company 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 April 23, 2007. 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 nationwide oil and gas bond No. ESB000024 will be used to cover all federal 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/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
File - Red Wash Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files

UT922:TAThompson:tt:4/23/07

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APR 30 2007
DIV. OF OIL, GAS & MINING



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
http://www.epa.gov/region08

AUG 11 2010

Ref: 8ENF-UFO

CERTIFIED MAIL 7005-0390-0000-4848-6976
RETURN RECEIPT REQUESTED

RECEIVED

AUG 16 2010

DIV. OF OIL, GAS & MINING

Ann Petrik, Engineering Analyst
QEP Resources, Inc.
1050 17th Street, Suite 500
Denver, Colorado 80265

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

Re: Underground Injection Control (UIC)
Permission to Resume Injection
RWU 23-18B Well
EPA ID# UT20000-02404
API #43-047-15210
Red Wash Oil Field
Uintah County, Utah
7S 23E 18

Dear Ms. Petrik:

On August 3, 2010, EPA received information from QEP Resources, Inc. ("QEP") on the above-referenced well concerning two workovers and the follow-up mechanical integrity test (MIT) conducted on July 1, 2010. The first workover was performed on June 2, 2010, to repair a casing leak between 3211 and 3223 feet depth and the second workover was performed on July 1, 2010, to replace 178 joints of the 2-7/8 inch diameter tubing and reset the packer to a depth of 5550 feet. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.28(f)(3) (40 C.F.R. §144.28(f)(3)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before July 1, 2015.

Pursuant to 40 C.F.R. §144.28(c)(2)(iv), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,

for 

Philip S. Strobel
Acting Director, Technical Enforcement Program
Office of Enforcement, Compliance and
Environmental Justice

cc: Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Mike Natchees, Environmental Coordinator
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy, Minerals and Air Programs
P.O. Box 70
Ute Indian Tribe
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
U-0116

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

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. Red Wash
2. Name of Operator QEP ENERGY COMPANY		8. Well Name and No. RW 23-18B
3a. Address 11002 East 17500 South - Vernal, UT 84078	3b. Phone No. (include area code) 435.781.4342 - Dahn Caldwell	9. API Well No. 43-047-15210
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL, 1980' FWL, NESW, SEC 18-T7S-R23E		10. Field and Pool or Exploratory Area Red Wash
		11. Country or Parish, State Uintah County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Repair Csg Leak</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Between 5/24/10 - 7/11/10 - QEP Energy Company performed the following work on the RW 23-18B. See Attached Well Summary Daily Tour Reports.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Dahn Caldwell

Dahn Caldwell

Title Office Administrator

Signature

Date 09/08/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

RECEIVED
CONFIDENTIAL well not completed
as conf. Conf SEP 13 2010
period would have
expired
DIV. OF OIL, GAS & MINING

Operations Summary Report

Well Name: RWU 23-18B (88)
 Location: 18-7-S 23-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 11/2/1958
 Rig Release: 5/12/2010
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/25/2010	06:00 - 16:00	10.00	WOT	3	<p>Casing Repair</p> <p>On 5-24-10 7:00 AM RDMO, road rig from SU Purdy 7W-34 to new location, too windy to rig up. Stand by until 3:00 PM SDFN.</p> <p>24-Hr: Rig up. POOH with tubing.</p> <p>Casing size: 7" 23# J-55 & N-80 Casing depth: 5810'</p>
6/2/2010	06:00 - 16:00	10.00	BOP	1	<p>LLTR: 0</p> <p>Resumption of workover Note: charge codes changed to 860.700 codes.</p> <p>On 6-1-10 7:00 AM MIRU, 0 psi on well, x-over to tubing equipment, ND WH, NU Bop's, RU rig floor, unland tubing. Remover and lay down tubing hanger, talley out of hole with tubing. RIH with 7" casing scraper and tubing to 5600', POOH with 120 jnts, SDFN 7:00 PM.</p> <p>24-Hr: RIH with plug and packer to isolate leak.</p> <p>Casing size: 7" 23# J-55 & N-80 Casing depth: 5810'</p>
6/3/2010	06:00 - 16:00	10.00	DEQ	2	<p>On 6-2-10 7:00 AM Continue to POOH with tubing, lay down 7" casing scraper. RIH with plug and packer, set plug at 5540'. Pull up with packer looking for casing, leak, found leak at 3211' - 3223'. Pump out leak at 1/4 bpm and 600 psi. Release packer, RIH and retrieve plug, reset plug @ 3275'. Pull up with packer and set at 3102', SDFN 7:00 PM.</p> <p>24 Hr: Pump Halliburton PermSeal.</p> <p>Casing size: 7" 23# J-55 & N-80 Casing depth: 5810'</p>
6/4/2010	06:00 - 16:00	10.00	DEQ	2	<p>On 6-3-10 7:00 0 psi on well, RU Halliburton. Pump polymer squeeze at 1.2 bpm and 3000 psi, RD HES. Wait on polymer to set up. release packer. POOH with tubing and packer. RIH with 6 1/2" drag bit to RBP at 3275'. did not see any polymer. Pull up 4 stand and SDFN 7:00 PM.</p> <p>24- Hr: Test Squeeze.</p> <p>Casing size: 7" 23# J-55 & N-80 Casing depth: 5810'</p>
6/5/2010	06:00 - 16:00	10.00	DEQ	2	<p>On 6-4-10 7:00 AM 0 psi on well, RU circulating equipment, fill casing with 12 bbls 2% KCL. Test casing to 1100 psi, no test, pump out leak at 1/2 bpm and 1500 psi. Wait on orders. Pump 2 sacks frac sand down tubing wash down with 20 bbl 2% KCL. SDFW 6:00 PM</p> <p>24-Hr: Cement Squeeze</p> <p>Casing size: 7" 23# J-55 & N-80 Casing depth: 5810'</p>
6/6/2010	06:00 - 16:00	10.00	TRP	10	<p>On 6-5-10 7:00 AM 0 psi on well, RIH and tag up sand on RBP at 3270' showing 5' of sand. POOH, lay down bit and bit sub, RIH with tubing to 3055'. RU Halliburton, fill hole with 13 bbls fresh water, pump 75 sacks Class G cement at 0.7 bbl/min and 110 psi. Displace cement to end of tubing, did not see any pressure increase,</p>

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Operations Summary Report

Well Name: RWU 23-18B (88)
 Location: 18-7-S 23-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 11/2/1958
 Rig Release: 5/12/2010
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/6/2010	06:00 - 16:00	10.00	TRP	10	tubing on a vacuum. RU rig pump, reverse circulate tubing clean. SDFN 3:00 PM. 24-Hr: Cement Squeeze Casing size: 7" 23# J-55 & N-80 Casing depth: 5810'
6/8/2010	06:00 - 16:00	10.00	CMT	3	On 6-7-10 7:00 AM 0 psi on well, POOH with two stands putting EOT @ 2931. RU Halliburton, fill hole with 18 bbls fresh water, establish injection rate of 1 1/2 bpm @ 1800 psi. Pump 50 sacks thixotropic cement followed by 75 sacks Class G at 1.7 bbls/min and 800 psi. Displace cement to end of tubing, pressure dropped to 140 psi. Reverse circulate tubing clean with 40 bbls fresh water. POOH with tubing, wait on cement retainer to be delivered to location. RIH with 7" CCR and 92 joints tubing, set CCR @ 2870', fill hole with 3 bbls water, test retainer to 500 psi, good test. SDFN 7:00 PM. 24-Hr: Cement Squeeze Casing size: 7" 23# J-55 & N-80 Casing depth: 5810'
6/10/2010	06:00 - 16:00	10.00	CIRC	1	On 6-9-10 7:00 AM 0 psi on well, RU Halliburton, fill hole with 2 bbls fresh water, establish injection rate of 2 bpm at 600 psi. Pump 6 bbls CaCl water, 5 bbls pacer, 50 sacks thixotropic cement followed by 75 sacks Class G. Displaced cement to end of tubing, unsting from retainer and reverse circulate tubing with 40 bbls freshwater, shut down for 30 minutes. Sting into retainer pump 1/2 bbl, shut down for 30 minutes, pump .75 bbls, started to catch pressure, shut down for 30 minutes, pump 1/2 bbls pressure up to 700 psi, shut down for 30 minutes, pump .2 bbls pressured up to 1350 psi. Unsting from retainer, RD Halliburton, POOH with tubing. RIH with 6 1/2" bit, bit-sub and 92 joints tubing. SDFN 6:00 PM. 24-Hr: drillout cement CASING SIZE: 7" 23# J-55 & N-80 CASING DEPTH: 5810'
6/11/2010	06:00 - 16:00	10.00	CMT	2	On 6-10-10 6:00 AM 0 psi on well. RU circulating equipment, break circulation, drill up cement retainer @ 2870' in 20 minutes. Chase down w/one joint, tagged cement @ 2902'. Drill cement from 2902' to 3217' (315'). Circulate bottoms up, pull 2 joints and SWIFN. Casing Size: 7" 23# J-55 & N-80 Casing Depth: 5810'
6/12/2010	06:00 - 16:00	10.00	CIRC	1	On 6-11-10 7:00 AM 0 psi on well. RU circulating equipment, break circulation, drill 62' of cement to RBP @ 3275'. Roll hole with 150 bbls fresh water, test casing to 1100 psi for 30 minutes, good test. Bleed off pressure lay down 80 joints 2 7/8" tubing on trailer and POOH with remaining tubing. Lay down bit and bit sub, RIH with 102 jnts tubing, RD rig floor, ND BOPs, land tubing on hanger with EOT @ 3189'. NU WH, RD and park rig SDFW 8:00 PM FINAL REPORT Casing size: 7" 23# J-55 & N-80 Casing depth: 5810'

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Operations Summary Report

Well Name: RWU 23-18B (88)
 Location: 18- 7-S 23-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 11/2/1958
 Rig Release: 5/12/2010
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/12/2010	06:00 - 16:00	10.00	CIRC	1	Tubing Detail: (Final) KB 12.00 Hanger 0.80 102 jnts 2 7/8" Tubing 3176.28 2 7/8" Collar 0.45 Tubing tail @: 3189.53

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Operations Summary Report

Well Name: RWU 23-18B (88)
 Location: 18-7-S 23-E 26
 Rig Name: ROCKY MTN WS

Spud Date: 11/2/1958
 Rig Release: 5/12/2010
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/1/2010	07:00 - 15:00	8.00	BOP	1	Workover - This work is to pull ret BP & RIH w/ pkr & tbg. On 6/30/10 - MIRU Rocky Mtn WS. TP & CP = 0#. ND WH & NU BOP's. Tally out of hole w/ 102 jts of tbg. RIH w/ ret head & tbg to 3180'. SIFN.
7/6/2010	07:00 - 15:00	8.00	BOP	1	24 Hour Forecast: Will pull RBP & RIH w/ pkr & tbg. Workover - This work is to pull ret BP & RIH w/ pkr & tbg. On 7/1/10 - Circ over & release RBP @ 5275'. POOH w/ plug & tbg. RIH w/ a Weatherford 7" Arrow Set 1 pkr & 2-7/8" internally coated J-55 6.5# EUE 8RD tbg to 5550' & circ pkr fluid around annulus & pkr & set pkr w/ 12M# compression @ 5550'. ND BOP's & NU WH. Perform MIT test for 1/2 hour @ 1080# w/ no leak off. SI the well & turn over to production department. 24 Hour Forecast: On 7/2/10 will RDMO Rocky Mtn WS. FINAL REPORT OF WORK. Tbg Detail: KB = 12.0' Hanger = .80' Compression 12,000# = 3.00' 178 Jts 2-7/8" J-55 IC tbg = 5537.92' 7" Weatherford Arrow Set 1 Prk = 6.57' Pkr Elements set @ 5550.82' EOT @ 5554.29'

~~CONFIDENTIAL~~

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company N5085		8. WELL NAME and NUMBER: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80265		9. API NUMBER: Attached
PHONE NUMBER: (303) 672-6900		10. FIELD AND POOL, OR WILDCAT: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		COUNTY: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
 Federal Bond Number: 965002976 (BLM Reference No. ESB000024) **N3700**
 Utah State Bond Number: ~~965003033~~
 Fee Land Bond Number: ~~965003033~~ } **965010695**
 BIA Bond Number: ~~799446~~ } **965010693**

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs Analyst
 SIGNATURE *Morgan Anderson* DATE 6/23/2010

(This space for State use only)

RECEIVED
JUN 28 2010

APPROVED 613012009
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
 RED WASH
 effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 41-33B	33	070S	230E	4304720060	5670	Federal	WD	A	
RW 43-28A	28	070S	220E	4304730058	5670	Federal	WD	A	
RW 34-27B	27	070S	230E	4304715142	5670	Federal	WI	A	
RW 14-13B	13	070S	230E	4304715144	5670	Federal	WI	A	
RW 41-20B	20	070S	230E	4304715146	5670	Federal	WI	A	
RW 21-23B	23	070S	230E	4304715151	5670	Federal	WI	A	
RW 23-14B	14	070S	230E	4304715161	5670	Federal	WI	A	
RW 41-28B	28	070S	230E	4304715182	5670	Federal	WI	A	
RW 23-18B	18	070S	230E	4304715210	5670	Federal	WI	A	
RW 43-21A	21	070S	220E	4304715219	5670	Federal	WI	A	
RW 41-24A	24	070S	220E	4304715221	5670	Federal	WI	A	
RW 13-22B	22	070S	230E	4304715261	5670	Federal	WI	A	
RW 23-15B	15	070S	230E	4304715267	5670	Federal	WI	A	
RW 21-20B	20	070S	230E	4304715281	5670	Federal	WI	A	
RW 33-13B	13	070S	230E	4304715289	5670	Federal	WI	A	
RW 21-34A	34	070S	220E	4304715303	5670	Federal	WI	I	
RW 14-24B	24	070S	230E	4304716472	5670	Federal	WI	A	
RW 41-27B	27	070S	230E	4304716473	5670	Federal	WI	I	
RW 43-28B	28	070S	230E	4304716475	5670	Federal	WI	S	
RW 23-23B	23	070S	230E	4304716476	5670	Federal	WI	A	
RW 12-24B	24	070S	230E	4304716477	5670	Federal	WI	A	
RW 33-22B	22	070S	230E	4304716479	5670	Federal	WI	A	
RW 41-21B	21	070S	230E	4304716482	5670	Federal	WI	A	
RW 41-15B	15	070S	230E	4304716495	5670	Federal	WI	I	
RW 21-21B	21	070S	230E	4304716496	5670	Federal	WI	A	
RW 14-21B	21	070S	230E	4304716497	5670	Federal	WI	A	
RW 41-14B	14	070S	230E	4304716498	5670	Federal	WI	A	
RW 21-27A	27	070S	220E	4304730103	5670	Federal	WI	A	
RW 34-22A	22	070S	220E	4304730458	5670	Federal	WI	A	
RW 24-26B	26	070S	230E	4304730518	5670	Federal	WI	I	
RW 31-35B	35	070S	230E	4304730519	5670	Federal	WI	A	
RW 33-26B	26	070S	230E	4304730521	5670	Federal	WI	I	
RW 13-26B	26	070S	230E	4304730522	5670	Federal	WI	A	
RW 11-36B	36	070S	230E	4304731052	5670	Federal	WI	A	
RW 31-26B	26	070S	230E	4304731077	5670	Federal	WI	A	
RW 42-35B	35	070S	230E	4304731081	5670	Federal	WI	I	
RW 23-17B	17	070S	230E	4304732739	5670	Federal	WI	A	
RW 43-17B	17	070S	230E	4304732980	5670	Federal	WI	A	
RW 43-18B	18	070S	230E	4304732982	5670	Federal	WI	A	
RW 13-19B	19	070S	230E	4304733497	5670	Federal	WI	A	
RW 13-20B	20	070S	230E	4304733498	5670	Federal	WI	A	
RW 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	
RW 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	
RW 11-19B	19	070S	230E	4304733552	5670	Federal	WI	A	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
RED WASH
 effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 11-20B	20	070S	230E	4304733553	5670	Federal	WI	A	
RW 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	
RW 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	
RW 11-25A	25	070S	220E	4304733574	5670	Federal	WI	A	
RW 13-25A	25	070S	220E	4304733575	5670	Federal	WI	A	
RW 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	
RW 33-25A	25	070S	220E	4304733578	5670	Federal	WI	TA	
RW 11-29B	29	070S	230E	4304733590	5670	Federal	WI	A	
RW 12-24A	24	070S	220E	4304733591	5670	Federal	WI	A	
RW 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	
RW 11-30B	30	070S	230E	4304733785	5670	Federal	WI	A	
RW 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	
RW 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A	

Bonds: BLM = ESB000024
 BIA = 956010693
 State = 965010695



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:
3100
(UT-922)

JUL 28 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office
From: Chief, Branch of Minerals *Roger L. Bankart*
Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM

RECEIVED

AUG 16 2010

DIV. OF OIL, GAS & MINERALS

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

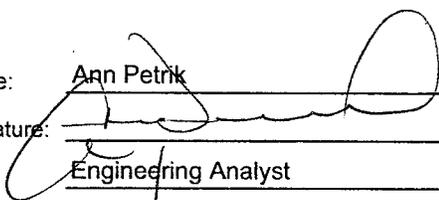
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

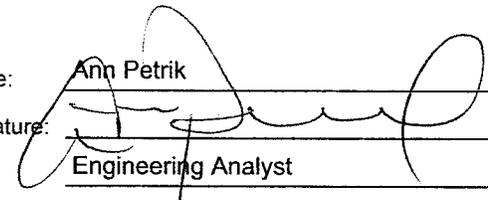
Well Name and Number See Attached List	API Number Attached
Location of Well	Field or Unit Name Attached
Footage : Attached	County :
QQ, Section, Township, Range:	State : UTAH
	Lease Designation and Number Attached

EFFECTIVE DATE OF TRANSFER: 6/14/2010

CURRENT OPERATOR

Company: <u>Questar Exploration and Production Company</u>	Name: <u>Ann Petrik</u>
Address: <u>1050 17th Street, Suite 500</u>	Signature: 
city <u>Denver</u> state <u>CO</u> zip <u>80265</u>	Title: <u>Engineering Analyst</u>
Phone: <u>(303) 672-6900</u>	Date: <u>6/28/2010</u>
Comments:	

NEW OPERATOR

Company: <u>QEP Energy Company</u>	Name: <u>Ann Petrik</u>
Address: <u>1050 17th Street, Suite 500</u>	Signature: 
city <u>Denver</u> state <u>CO</u> zip <u>80265</u>	Title: <u>Engineering Analyst</u>
Phone: <u>(303) 672-6900</u>	Date: <u>6/28/2010</u>
Comments:	

(This space for State use only)

Transfer approved by: _____

Approval Date: _____

Title: _____

Comments:

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

EPA approved well

Date: 6/29/10

By: D. Jones

RECEIVED

JUN 28 2010