

Scout Report sent out

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

Date Completed, P. & A. or operations suspended

Pin changed on location map

Affidavit and Record of A & P

Water Shut-Off Test

Gas-Oil Ratio Test

Well Log Filed

UNIT

4-24-57

FILE NOTATIONS

Entered in NID File ✓

Entered on S.R. Sheet ✓

Location Map Pinned ✓

Card Indexed ✓

IWR for State or Fee Land

Checked by Chief ✓

Copy NID to Field Office ✓

Approval Letter ✓

Disapproval Letter

COMPLETION DATA

Date Well Completed 4/2/57

OW ✓ WW TA

GW CS PA

Location Inspected

Bond Posted

State of Fee Land

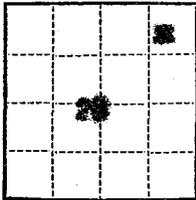
LOGS FILED

Driller's Log ✓ 57

Electric Logs (No. 1) 2

E 1 E-I GR GR-N Micro ✓

Lat. \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. 5-02030

Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Wasatch, Utah February 1, 1957

Well No. (1956) 42-50 is located 660 ft. from (N) line and 660 ft. from (E) line of sec. 28

42-50 (1/4 Sec. and Sec. No.) T. 2 S. (Twp.) R. 1 E. (Range) 111 W. (Meridian)  
Wasatch (Field) Wasatch (County or Subdivision) Utah (State or Territory)

The elevation of the ~~derrick floor~~ above sea level is 5325 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", 60.5, 350 conductor casing set at approximately 10' and cemented to surface.  
10 3/4", 40.5, 4-55 casing set at approximately 400' and cemented to surface.  
7" casing set below lowermost productive sands at approximately 600' with sufficient cement to exclude all potential oil or gas zones.

Est. Top Green River 2965  
Est. top first "Red Wash" 5300

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

Company The California Company

Address P. O. Box 455  
Wasatch, Utah

By J. T. Crooker  
Title District Superintendent

COMPLETION REPORT - NEW WELL  
STANDARD OIL COMPANY OF CALIFORNIA

FIELD: Red Wash

PROPERTY: Section 28B

WELL NO: 41-28B (#56)

Sec. 28 T. 7 S. R. 23 E. S. 1. B. & M.

LOCATION: 660' S & 660' W of NE corner.

LAND OFFICE: Salt Lake City  
LEASE NO.: U-02030

ELEVATION: 5636' K.B.

D. F. is K.B. is 12.0' above nat.

DATE: May 1, 1957

By J. T. CROOKER  
Manager, Producing Department

DRILLED BY: Kerr-McGee Oil Industries

DATE COMMENCED DRILLING: March 1, 1957

DATE COMPLETED DRILLING: April 2, 1957

DATE OF INITIAL PRODUCTION: April 21, 1957

PRODUCTION:	Daily average, 1st	30	days	Gravity	22.0	° API	Pumping	X
	Oil	197	Bbls.	T. P.	160	PSI	Flowing	
	Water	43	Bbls.	C. P.	1555	PSI	Gas Lift	
	Gas	114	Mcf.	Beam		164"		

S U M M A R Y

TOTAL DEPTH: 5838'

CASING: 16" conductor cem @ 23'  
10 3/4", 40.5#, J-55 cem @ 226'  
7", J-55 & N-80 cem @ 5834'

LOGS RUN: Schlumberger E log: 5420 - 230' ✓  
Schlumberger Microlog: 5424 - 2100'  
Run #2 - Schlumberger E log: 5833 - 230' ✓  
Schlumberger Microlog: 5831 - 2100' ✓

MARKERS:  
Top Green River - 2970'  
"H" Point - 4840'  
"K" Point - 5439'

DRILL STEM TESTS:

#1 - 4830' - 4885'  
#2 - 4748' - 4770'  
#3 - 4990' - 5025'

WELL NO: 41-28B (#56)

PROPERTY: Section 28B

RED WASH FIELD

WORK DONE

0' - 23' 16" conductor

Kerr-McGee Oil Industries moved in and rigged up.

Spudded 8:00 P.M. March 1, 1957

Drilled 15" hole, 4½" F.H. drill pipe

23' - 245' 222' drilled.

Cemented 246' of 10 3/4" casing at 226'.

Mixed 143 sacks common cement with 2% calcium chloride in 8 minutes to average 15½ ppg slurry. Used Howco power equipment. 7 minutes displacing. Used one top rubber plug. Cement in place 4:35 A.M. Good cement returns to surface.

Casing Detail

All	6 jts.	246'	10 3/4" O.D. 40.5#, J-55 Rg 3 new seamless csg with 8rd ST&C. Includes Baker cement guide shoe.
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Total		246'	
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Above K.B.		20'	
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Cemented at		226'	
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Drilled 9" hole, water converted to gel mud at about 3050'.  
245' - 5420' 5175' drilled.

March 19, 1957

Ran Schlumberger Electric log and Microlog:

Electric log recorded: 5420 - 230'

Microlog recorded: 5414 - 2100'

March 20, 1957

Core #1 - 5420 - 5496'; Rec. 76'

5420 - 5430	- Oil shale, variegated, dk gr-blk, lt & dk brn, banded, strcs m/h gr sltst; bcm pred sltst, bcm crse, reworked
5430 - 5440	- Pred Sh, aa
5440 - 5443	- Bcm pred sltst, lt/m gr, hd
5443 - 5446	- Sh, aa,
5446 - 5450	- Ss, lt gr, vfg, sr, well sort, hd, well cem, fair perm/ti, sweet odor, bri yel flsn, no evident oil staining, gas sand; Ss aa, except m gr, fair sort, slty, NSOF, sour, wet odor,
5450 - 5451	- Sh, m gr, m hd
5451 - 5454	- Ss, as @ 5446', except more pronounced pet odor wi lt tan spotty oil stn, evn bri yel flsn, ti/low perm
5454 - 5455	- Sh, dk gr, m hd
5455 - 5458	- Ss, aa, wi strcs to 2" sltst & Sh, ti/low perm
5458 - 5464	- Sh, aa, strcs sltst
5464 - 5467	- sltst, lt gr, hd, strcs reworked sh
5467 - 5469	- sltst, aa, wi strcs to 2" oil stn ss, aa,

WELL NO: 41-28B (#56)

PROPERTY: Section 28B

RED WASH FIELD

Core #1 (cont'd)

5469 - 5496 - Sh, dk brn-blk, aa; m hd, irreg/poker chip frac, rare strs sltst.

March 21, 1957

DST #1 - Howco test of interval 4830 - 4885'.

Run Howco sidewall anchor tester with Howco jars and safety jt, no cushion. Set packers at 4825, 4830 and 4885', tail to 4900'. Valve open 1 hr 15 min. Med strong blow. Gas to surface in 9 min - not enough to measure. SI 30 min. Rec 535' total rise (216' in 4 1/2" d.p.; balance, 319' in 6 1/2" o.d. d.c.'s) Top 90' gassy oily mud, est 50% oil, next 60' est 15-20% oil, next 205' watery mud, bottom 180' muddy water, 850 ppm Cl<sup>-</sup> at top, 2000 ppm on bottom.

	IH	IF	FF	SI	FH
Top BT	2345	100	225	505	2335
Middle BT	2355	120	228	500	2345
Bottom PRD	2400	Held o.k.			2400

DST #2 - Howco test of interval 4748 - 4770'.

Ran sidewall anchor tester on dry 4 1/2" d.p. and 348' 6 1/2" d.c. Howco jars and safety jt. Set packers at 4743, 4748 and 4770', tail to 4785'. Valve open 40 min. Strong blow with gas to surface in 4 min; eyeball est 250-500 MCF/D rate (unable to obtain impact meas. Static press 7 psi, 110' from end of 2<sup>nd</sup> line). SI 30 min. Rec 210' gas cut mud.

	IH	IF	FF	SI	FH
Top BT	2430	25	75	1805	2385
Middle BT	2405	35	95	1795	2405
Bottom PRD	2400	Pkr held o.k.			2400

Core #2 - 5496 - 5586', Rec. 90'

5496 - 5510 - Sh, dk gr, hd, irreg frac, strs dol; grades to Sh, dk gr blk, m sft, bcm strk'd wi dk brn sh

5510 - 5511 - Sltst, lt gr, hd

5511 - 5515 - Sh, aa,

5515 - 5516 - Sltst, aa,

5516 - 5522 - Oilstained Ss, m gr wi dk brn stn, m/fg, sr, clean, well sort, good pet odor, evn gld flsn, excel p & p,

5522 - 5523 - Sh, dk gr, m sft

5523 - 5527 - Sltst, lt gr, hd

5527 - 5528 - Oilstn Ss, aa,

5528 - 5530 - Sltst, aa,

5530 - 5532 - Grades to oilstn ss, aa,

5532 - 5538 - Sltst, aa, wi occ thi strs oilstn ss; sltst, lt/m gr, hd

5538 - 5539 - Ss, lt gr, mg, a/sa, p sort, well cem, abd interstl mat, large blk gs, ti, NSOF

5539 - 5544 - Sltst, aa, strs m gr sh

5544 - 5545 - Sh, dk gr-blk, m sft

5545 - 5550 - Sltst & Sh, aa, thi inlams to 3" strs, abd reworking

5550 - 5553 - Grades to oilstn Ss, lt gr wi dk brn oil stn, fg, fair sort, sr, good pet odor, evn gld flsn, ti/good perm,

5553 - 5554 - Ss, conglom, wi strs sh, lt gr, ti, well cem, ss gr & blk pebs to 3/8",

5554 - 5558 - Sh, aa

WELL NO: 41-28B (#56)

PROPERTY: Section 28B

RED WASH FIELD

## Core #2 (cont'd)

- 5558 - 5561 - Reworked sltst & sh, aa, Sltst, lt gr, hd; Sh, dk gr aa,  
 5561 - 5562 - Dolomite, tn, v hd, ti, crse, reworked  
 5562 - 5579 - Sltst & sh, aa  
 5579 - 5580 - Ss, vfg, lt gr, lt brn, oil stn, well cem, ti, fair pet odor,  
 evn gld flsn  
 5580 - 5581 $\frac{1}{2}$  - Sltst & sh, aa  
 5581 $\frac{1}{2}$  - 5586 - Grades to oilstn Ss, vfg, sr, well sort, hd, well cem, evn dk  
 brn oil stn, rich pet odor, evn gld flsn, occ strcs dk sh, good perm

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 March 23, 1957

## DST #3 - Howco test of interval 4990 - 5025'.

Ran tester on dry 4 $\frac{1}{2}$ " d.p. and 6 $\frac{1}{2}$ " d.c.'s. Howco jars and safety jt, sidewall anchor tool. Set packers at 4985, 4990 and 5025', tail to 5040'. Valve open 2 hrs, SI 30 min. Med blow, no gas to surface. Rec 704' gassy mud grading to clear gassy water testing 1100 ppm Cl<sup>-</sup>.

	IH	IF	FF	SI	FH
Top BT	2533	25	352	2755	2483
Middle BT	2500	37	365	1748	2453
Bottom PRD	2500	Pkr held o.k.			2430

## Core #3 - 5586 - 5665', Rec. 77'

- 5586 - 5591 - Oilstn Ss, lt gr wi dk brn oil stn, fg, sa/sr, fair sort, good pet odor, evn gld flsn, good perm; bcm streaked wi lt gr sltst & dk sh  
 5591 - 5593 - Grades to Sltst, lt gr, hd, wi strcs dk reworked sh  
 5593 - 5595 - Ss, lt gr, vfg, sr, fair sort, NSOF, strcs sltst & sh, aa  
 5595 - 5999 - Ss, lt gr, vfg, slty, sr, fair sort, arg crsly reworked, ti, NSOF  
 5599 - 5601 - Sltst & sh, aa  
 5601 - 5603 - Ss, lt gr, vfg, hd, well cem, ti, NSOF, strcs sltst & sh, aa  
 5603 - 5606 - Sh, dk gr, hd/m sft, crumbly  
 5606 - 5607 - Spherulite, dk gr, fg, blk sphs, com osts  
 5607 - 5612 - Sltst, lt gr, hd, wi strcs dk reworked sh  
 5612 - 5615 - Grades to oil stn Ss, salt & pepper ss wi lt brn oil stn, m/crs g, hd, well cem, abd blk sphs, giving salt & pepper appearance, sand gr, sa/sr, fair sort, orange yel flsn, good pet odor, on fresh break, excel perm  
 5615 - 5616 - Limestone, dk gr, calcite, abd blk sphs aa,  
 5616 - 5620 - Ls, aa & Sh, ls wi abd sphs, Sh, dk gr in large patches & lumps; strcs sltst, NSOF  
 5620 - 5623 - Oilstn Ss, lt gr wi lt brn oil stn, abd sphs & osts, fg, sr, well sort, good pet odor, bri yel flsn, ti/excel perm  
 5623 - 5628 - Sltst & Sh, sltst lt gr, hd; Sh, dk gr, m sft,  
 5628 - 5629 - Ost coq, lt brn, oil stn, fg, good pet odor, bri yel flsn, low perm,  
 5629 - 5630 - Grades to oil stn ss, lt gr, wi lt brn stn, vfg, hd, well cem, abd osts & sphs  
 5630 - 5631 - Oilstn ost coq, aa  
 5631 - 5636 - Sltst, gr-grn, hd  
 5636 - 5647 - Oilstn Ss, lt gr, wi lt brn stn, f/vfg, well sort, sr, good pet odor, bri yel flsn, occ Sh strcs, low/excel perm,

WELL NO: 41-28B (#56)

PROPERTY: Section 28B

RED WASH FIELD

## Core #3 (cont'd)

5647 - 5648 - Bcm ti wi strs sh, spotty stn  
 5648 - 5649 - Ost coq, in dol mtrs, ti, NSOF  
 5649 - 5651 - Ss, lt gr, wi lt brn oil stn, vfg, ti, abd osts & ools, strs ost  
 coq, aa, spotty stn & flsn, ti  
 5651 - 5652 - Ost, coq, ti, NSOF  
 5652 - 5655 - Oilstn Ss, lt gr, wi lt brn oil stn, vfg, v well sort, clean,  
 good pet odor, bri yel flsn, good/excel perm  
 5655 - 5656 - Ss, conglomerate, blk pebs to 3/8", unif stn & flsn, low perm  
 5656 - 5659 - Sltst, lt gr, hd, occ strs oil stn, strs dk Sh  
 5659 - 5660 - Ss, vfg, lt gr, lt brn oil stn, ti  
 5660 - 5663 - Sltst, aa, strs dk Sh  
 5663 - 5665 - 2' not recovered

## Core #4 - 5665 - 5753', Rec. 88'

5665 - 5671 - Sltst, lt gr, hd, wi strs to 2" dk Sh; bcm pred sh  
 5671 - 5678 - Sh, dk gr, m sft, strs sltst toward bottom  
 5678 - 5686 - Oilstn Ss, lt gr, wi lt brn stn, fg, sr, fair sort, hd, well  
 cem, good pet odor, bri yel flsn, good/excel p & p,  
 5686 - 5687 - Sltst, lt gr, hd, strs dk reworked sh  
 5687 - 5696 - Sh, dk gr, m hd/m sft, strs sltst, aa,  
 5696 - 5698 - Spherulite-ss, calcite mtrx, gr s & p, fg, ti,  
 5698 - 5699 - Sltst, lt gr, hd  
 5699 - 5704 - Ss, lt gr, mg, sa, poor sort, m fri, wet, NSOF, top 2' ti balance  
 good to excel p & p,  
 5704 - 5724 - Sltst & Sh, aa,  
 5724 - 5728 - Ost, coq, v dk gr, mg, dns, well cem, calcite mtrx, ti, NSOF  
 5728 - 5731 - Sh, dk gr, sft; Coq, aa; Sltst, lt gr, ti, NSOF  
 5731 - 5733 - Sltst, aa, bcm str dk reworked sh  
 5733 - 5734 - Ss, vfg, lt gr, sr, well sort, hd, m fri, rare spotty oil stn,  
 permeable  
 5734 - 5736 - Oil stn Ss, lt gr, wi lt brn oil stn, vfg, sr, fair sort, hd,  
 diff fri, rich pet odor, bri gld flsn, good p & p  
 5736 - 5739 - Sltst & Sh, aa,  
 5739 - 5752 - Ss, lt gr, vfg, hd, well cem, oil stn in top 6", fair p & p;  
 Sltst & sh, aa; Ss, mgr, vfg, slty, abd osts, low p & p; bcm  
 dk gr, vfg, p sort, abd blk sphs, NSOF (15-30 md per); Spotty  
 oil stn, ss, lt gr, wi brn stn, fg, sr, fair sort, good pet odor,  
 bri gld flsn, ti/good perm; sltst & sh, aa;  
 5752 - 5753 - 1' not recovered

## Core #5 - 5753 - 5801', Rec 48'

5753 - 5757 - Ost coq, tn-gr, hd, dnse, ti, NSOF  
 5757 - 5761 - Sltst & Sh, sltst lt gr, hd; Sh, dk gr, m sft, crsely reworked  
 5761 - 5763 - Ss conglomerate, lt gr wi dk acc mins & pebs to 1/8", hd, ti,  
 well cem, NSOF  
 5763 - 5766 - Ss, vfg, ti wi occ spotty oil stn & gld flsn, strs sltst & sh,  
 5766 - 5769 - Ss, lt gr, vfg, r, v well sort, clean, strong cross bedding, ti,  
 NSOF except rare patches  
 5769 - 5774 - Sltst & Sh aa, strs ss  
 5774 - 5785 - Ss, lt gr, fg, sr, v well sort, clean, abd blk sphs, excel p & p,  
 wet, NSOF; sltst & sh aa,

WELL NO: 41-28B (#56)

PROPERTY: Section 28B

RED WASH FIELD

## Core #5 (cont'd)

5785 - 5786 - Oilstn Ss, lt gr wi lt tn stn, vfg, sr, well sort, good pet  
odor & yel flsn, low p & p,  
5786 - 5790 - Sh, dk gr, m hd, strs lt gr siltst,  
5790 - 5798 - Siltst, m gr, hd; bcm tn-gr siltst,  
5798 - 5801 - Ost, coq, fg, tn, hd, dnse, ti, NSOF

## Core #6 - 5801 - 5838', Rec. 37'

5801 - 5802 - Ost coq as in bottom last core  
5802 - 5804 - Sh, bl-gr, m hd,  
5804 - 5805 - Ss, lt gr, vfg, sr, fair sort, bcm oil stn in bottom 6" wi good  
odor & yel flsn, *good perm.*  
5805 - 5806 - Ost sub coq, crse g, abd bri green lumps, good stn, odor & flsn  
5806 - 5807 - Oilstn Ss, aa, dk brn stn, good odor & flsn, poker chip partings,  
bleeds oil  
5807 - 5809 - Ost coq, as in top of core  
5809 - 5822 - Siltst & Sh, siltst, lt gr, hd; sh, grn gr, m sft  
5822 - 5825 - Oilstn, ss, f/vfg, sr, lt brn spotty stn in top, bcm dk br,  
uniform toward base, rich pet odor, gld flsn, *good perm.*  
5825 - 5830 - Siltst & Sh, siltst, lt gr, hd; Sh aa, in strs to 1"  
5830 - 5831 - Ost coq, calcite mtrx, dk gr, hd, dns, NSOF  
5831 - 5833 - Sh, dk gr-blk, m sft, strs siltst aa,  
5833 - 5838 - Siltst, tn/gr, hd, dns; bcm spotty oil stn

March 28, 1957

Ran Schlumberger Electric log and Microlog. Microlog recorded 5831 - 2100'. Electric  
log recorded 5833 - 5220'.

March 29, 1957

Cemented 7" csg @ 5834' using 425 sax Ideal Portland common cement. 19 min mixing  
cement to an average 15#/gal slurry using Howco equipment, 36 min displacing with rig  
pumps. Used one top rubber plug. Bumped plugs with 1500 psi. Started mixing @ 10:32  
a.m. cem in place 12:20 p.m. Casing was moved over 12' interval during mixing and part  
of displacing. No circulation during job.

Casing Detail

Bottom	11 jts.	470'	23#, N-80, 8rd, L, Rge 3, New Republic Smls*
Top	166 jts.	5367'	23#, J-55, 8rd, S, Rge 2, New Pittsburgh Smls
Total	177 jts.	5837'	* Includes Baker guide shoe on bottom and diff
Top		3' above	float collar 2 jts up
		K.B.	
Depth of shoe		5834'	

Ran Baker type H Hinglok centralizers on collars @ 4853, 4886, 5202, 5409, 5531, 5574,  
5615, 5658, 5701, 5745, 5790. Ran Baker scratchers with non weld stop rings on 6' centers  
as follows: 4853 - 4886', 5184 - 5220', 5683 - 5719, 5727 - 5759', 5772 - 5834'.

WELL NO: 41-28B (#56)

PROPERTY: Section 28B

RED WASH FIELD

March 30, 1957

Ran temperature survey. Located top of annular cement *between 3000' & 3300'*  $\Delta$ . Landed casing in "as cemented" position

March 31, 1957- Made up tubing. Attempted to clean out to 7" shoe. Accidentally drilled out shoe. Changed hole fluid to Rangely crude. Ran McCullough Gamma Ray-collar log. Recorded 5828-4500'. Checked collars 5 $\frac{1}{2}$ " shallower than by casing tally. Log checked 8' shallower than Schlumberger (5510 McCullough = 5518 Schlumberger). Perforated four bullets and three super casing jet holes per foot opposite following intervals, Schlumberger measurements: 5517-5540', 5552-5558', 5581-5594', 5613-5661', 5679-5689', 5735-5741', 5750-5755' and 5822-5836'.

April 1, 1957

Dowell sand oil squeezed all perforated intervals by Bradenhead method. With hole filled with Rangely crude started displacing burner fuel to test breakdown. Formation would not take fluid at 2500 psi, obtained breakdown at 2700 psi. Displaced 112 bbls burner fuel containing 1 $\frac{1}{2}$  gal 20-40 M Ottawa sand, then injected 112 7/8" rubber coated nylon balls; displaced at 30 bbl/min at 2100-2250 psi until balls hit when pressure increased abruptly to 2350 psi. Injected two additional batches of approx 90 balls each after pumping in a total of 224 and 336 bbls sand oil mix. When second batch of balls hit pressure suddenly increased from 2300 psi to 2800 psi and it was necessary to reduce rate to a minimum of 6 bbl/min for a short time. Rate was soon increased to 30 BFM and pressure remained about 2500-2800 psi, then decreased to 2100 psi while displacing final 150 bbls. Pressure bled immediately to 1200 psi and to 100 psi in 2-1/4 hrs. Opened valve after 3 hrs. Flowed approx 1" stream. Bled off. Three Dowell Allison trucks used on job.

April 2, 1957

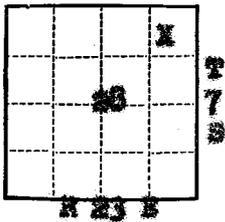
Landed 2 $\frac{1}{2}$ " U.E. tubing @ 5755' as follows:

Bottom	29.3'	Perf'd jt.
Next	5.75'	2 $\frac{1}{2}$ " Pup jt.
Next	0.65'	Axelson 2 $\frac{1}{2}$ " x 45 pump seating nipple
Top	5705.75'	181 jts 2 $\frac{1}{2}$ " U.E. 65#, J-55, 8rd tubing
Landed	13.90'	Below K.B.
	<u>5755.35'</u>	Depth landed.

Contractor released 10:00 a.m. April 2, 1957.

R. D. LOCKE

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(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City  
Lease No. U-02030  
Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

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

Vernal, Utah March 30, 1962, 19

Well No. (A1-283) 36 is located 660 ft. from N 15 line and 660 ft. from E 1/4 line of sec. 28  
NE 1/4 NE 1/4 28 7S R3E SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Red Wash Utah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the casings above sea level is 5638.5 ft.

DETAILS OF WORK

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

It is proposed to:

1. Set bridge plug at 5250'.
2. Abrasi-jet 8 holes at 5211 and 5199'. Acidize and break down.
3. Sand-oil frac holes at 5211 and 5199', down 7" casing.
4. Clean out to 5238'. Return well to production.

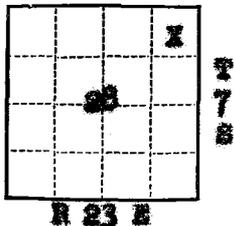
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company California Oil Company, Western Division  
 Address P. O. Box 455  
Vernal, Utah  
 Original Signed by R. W. PATTERSON  
 By R. W. PATTERSON  
 Title Field Superintendent

U288, SLG-3; 01000-SLG-3; Gulf, Denver-1; Caultkins-1; RLQ-1; File-1

Copy H.L.C.

P.W.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-02030

Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING..... <b>X</b>
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 November 20, 1962

(41-262)

Well No. 76 is located 660 ft. from N line and 660 ft. from E line of sec. 28

NE 1/4 NE 1/4 28  
(1/4 Sec. and Sec. No.)

78 23E  
(Twp.) (Range)

SRM  
(Meridian)

Red Wash  
(Field)

Utah  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ~~surface~~ Kelly Bushing above sea level is 5638.5 ft.

DETAILS OF WORK

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

Work Completed:

1. Set Bridge Plug at 5250'.
2. Abrasiated slots at 5211 and 5199'. Acidized and broken down.
3. Sand-oil fraced holes at 5211 and 5199'.
4. Cleaned out 5838 and returned well to production.

	Production	
	Before	After
Oil	58	95
Water	--	18
Gas	308	290

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

Company California Oil Company, Western Division

Address P. O. Box 455

Vernal, Utah

Original Signed by  
R. W. PATTERSON

By R. W. PATTERSON

Title Field Superintendent

USGS, SLC-3; ONCCC, SLC-1; Gulf, Denver-1; Conkins-1; RIC-1; File-1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS OR REVERSE SIDE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-02030

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

Unit #56 (41-28B)

10. FIELD AND POOL, OR WILDCAT

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

Sec. 28, T7S, R23E, SLBM

1.

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Chevron Oil Company - Western Division

3. ADDRESS OF OPERATOR

P. O. Box 455, Vernal, Utah 84078

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

At surface  
660 FML, 660 FEL, Sec. 28, T7S, R23E, SLBM

14. PERMIT NO.

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

KB - 5638'

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

Exclude Water Entry

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

It is proposed to exclude water entry and stimulate production at subject well as follows:

- Swab test perms 5735-41 (L<sub>A</sub>), 5750-55 (L<sub>AA</sub>) and 5822-30 (L<sub>D</sub>) until results are diagnostic. If necessary exclude w/ Latex cement.
- Bradenhead frac perf'd intervals 5199-5689 (I<sub>D</sub>, K<sub>B</sub>, K<sub>D</sub>, K<sub>G</sub>, K<sub>F</sub>) or 5199-5830 (I<sub>D</sub>, K<sub>B</sub>, K<sub>D</sub>, K<sub>G</sub>, K<sub>F</sub>, L<sub>A</sub>, L<sub>AA</sub>, L<sub>D</sub>).
- Return well to production.

Present Production: 92 BOPD, 72 BWP, 190 MCFD. ✓

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

SIGNED R. W. PATTERSON Original Signed by R. W. PATTERSON

Unit Superintendent

DATE 5-23-66

(This space for Federal or State office use)

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

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

July 13, 1966

Chevron Oil Company - Western Division  
P. O. Box 455  
Vernal, Utah 84708

Gentlemen:

As of this date we have not received the subsequent report on the following well:

Red Wash #56 (41-28B)  
Sec. 28, T. 7 S., R. 23 E.,  
Uintah County, Utah

Subsequent report of  
Notice to fracture treat  
and exclude water, dated  
May 24, 1966.

Please complete the enclosed forms on said well and return them to this office as soon as possible.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANNETTE R. HANSEN  
RECORDS CLERK

ARH:cam

Enclosure

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS MANNER  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**U-02030**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

7. UNIT AGREEMENT NAME

**RED WASH**

8. FARM OR LEASE NAME

9. WELL NO.

**Unit #96 (41-288)**

10. FIELD AND POOL, OR WILDCAT

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

**Sec. 28, T7S, R23E, S12N**

1.

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

**Chevron Oil Company, Western Division**

3. ADDRESS OF OPERATOR

**P. O. Box 455, Vernal, Utah**

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

At surface

**660' FWL and 660' FWL, Sec. 28, T7S, R23E, S12N**

14. PERMIT NO.

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

**KB-5638**

12. COUNTY OR PARISH

**Utah**

13. STATE

**Utah**

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

**Exclude Water Entry**

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

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

**The following work was completed on subject well as of 6-1-66:**

1. Wash tested perforis 5735-41 (1A), 5750-35 (1AA) and 5822-30 (1B).
2. Pump tested perforis 5679-89 (1F), 5199, 5211 (1G).
3. Wash tested perforis 5517-40, 5552-58 (1H), 5581-94 (1I) and 5613-61 (1J-1K).
4. Cement squeezed perforis 5735-41 (1A), 5750-35 (1AA) and 5822-30 (1B) w/ 100 sacks Reg. cement.
5. Broadhead sand-oil-glass bead fraced perforis 5199 and 5211 (1G), 5517-40 and 5552-58 (1H), 5581-94 (1I), 5613-61 (1J-1K) and 5679-89 (1F).
6. Cleaned out to FWL. RIM w/ production string tbg, pump and rods.
7. Returned well to production.

**Prior Production: 92 BOFD, 72 BWFD, 190 MCFD  
Production After: 113 BOFD, 86 BWFD, 117 MCFD**

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

SIGNED **R. W. PATTERSON**

TITLE **Unit Superintendent**

DATE **August 2, 1966**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

USGS, SLC-3; OMBEC, SLC-2; Gulf, Okla. City-1; Gulf, Casper-1; Conkins-1; Humber, Denver-1; File-1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-02030</b>
2. NAME OF OPERATOR <b>Chevron Oil Company - Western Division</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <b>P. O. Box 453, Vernal, Utah 84078</b>		7. UNIT AGREEMENT NAME <b>Red Wash</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>660' F1L and 660' F1L, Sec. 28, T7S, R23E, SLRM</b>		8. FARM OR LEASE NAME
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>KB - 5638'</b>	9. WELL NO. <b>Unit #56 (41-283)</b>
		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 28, T7S, R23E</b>
		12. COUNTY OR PARISH <b>Uintah</b>
		13. STATE <b>Utah</b>

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input checked="" type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <b>Convert to Water Injection</b> <input checked="" type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

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

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

**It is proposed to convert subject well to water injection in the L thru Lp intervals and continue oil production from the Ip thru Kp sands.**

- Clean out to F1FD (5720 CIR).
- Set retainer at 5670'. Exclude perfs 5679-89 (Kp) w/ 50 sacks latex cement.
- Drill out retainers at 5670 and 5720 and cement to 5830'.
- Run CML, recement as warranted.
- Perforate at 5706 (L), 5739 (L<sub>A</sub>), 5747, 5752 (L<sub>AA</sub>), 5776, 5783 (L<sub>B</sub>), 5807 (L<sub>C</sub>) and 5826 (L<sub>D</sub>) w/ 5-way tandem jets, selectively breakdown and pump test.
- Perform small tubing sand-water frac on any L-Lp perfs that will not take an adequate volume of water.
- Set Baker Model "D" production packer at 5697'.
- RIH w/ 2 3/8" injection string, latch into Model "D" and land injection string on dual hanger at + 5710'.
- Run 2 7/8" production string and land at + 5633.35'.
- Run pump and rods.
- Return well to production and commence injection.

Present Production: 140 BOPD, 118 BWPD, 134 MCFD.

APPROVED BY UTAH OIL AND GAS  
CONSERVATION COMMISSION

DATE: 11-24-66 by *Paul A. Burchell*  
Chief Petroleum Engin.

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

Original Signed By

SIGNED R. W. PATTERSON TITLE Unit Superintendent DATE 10-31-66

R. W. PATTERSON

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

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

SUBMIT IN THE REVERSE SIDE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <b>Water Injection</b></p> <p>2. NAME OF OPERATOR <b>Chevron Oil Company - Western Division</b></p> <p>3. ADDRESS OF OPERATOR <b>P. O. Box 455, Vernal, Utah</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>660' FWL and 660' FEL of Sec. 28, T7S, R23E, S16M</b></p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <b>U-02030</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME <b>Red Wash</b></p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. <b>Unit #56 (41-28B)</b></p> <p>10. FIELD AND POOL, OR WILDCAT</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 28, T7S, R23E</b></p> <p>12. COUNTY OR PARISH <b>Uintah</b></p> <p>13. STATE <b>Utah</b></p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>KB - 5638'</b></p>

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

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

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

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

**Subject well was converted to water injection in the L through L<sub>D</sub> intervals and will continue to produce oil from the I<sub>D</sub> through K<sub>F</sub> intervals. Subject work was completed 12-9-66:**

1. Tagged fill at 5715'. Did not clean out to PBTD.
  2. Set Baker C.I. Retainer at 5670'. Cement squeezed K<sub>F</sub> perfs 5679-89' w/ 50 sacks Latex cement and 50 sacks reg. cement in 2 stages. Drilled out retainer at 5670' and cleaned out to 5830' (PBTD).
  3. Ran CHL. Perforated w/ 5-way tandem jets at 5826' (L<sub>D</sub>), 5807' (L<sub>C</sub>), 5783, 5776' (L<sub>B</sub>), 5752, 5747' (L<sub>AB</sub>), 5739 (L<sub>A</sub>) and 5706' (L). Selectively breakdown perfs. Swabbed K<sub>G</sub>-K<sub>F</sub> perfs at 5613-5661'.
  4. Tubing fraced L<sub>A</sub> perfs 5739'. Swabbed K<sub>B</sub> and I<sub>D</sub> perfs.
  5. Set Model "D" production packer at 5697'.
  6. RIH w/ 2" Buttress Injection tubing string tubing, latched into Model "D" production packer and landed at 5710.46'.
  7. RIH w/ 2 7/8" production string and landed at 5635.31'.
  8. RIH w/ pump and rods.
- This is to be a single well injector.**

**Prior Production: 140 BOPD, 118 BWPD, 134 MCFD.  
Production After Job: 1 BOPD, 110 BWPD, 208 MCFD. Initial Injection: 2312 BWPD @ 2120 psi**

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

SIGNED *R. W. PATTERSON* TITLE Unit Superintendent DATE 5-11-67

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THE MANNER SPECIFIED\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**U-02030**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

7. UNIT AGREEMENT NAME  
**Red Wash**

2. NAME OF OPERATOR  
**Chevron Oil Company, Western Division**

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR  
**P. O. Box 455, Vernal, Utah**

9. WELL NO.  
**Unit #56 (41-28B)**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**660' FNL and 660' FHL of Sec. 28, T7S, R23E, S1E1**

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 28, T7S, R23E**

14. PERMIT NO. **KB - 5638** 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**KB - 5638**

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

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

NOTICE OF INTENTION TO :

SUBSEQUENT REPORT OF :

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other) **Injection into addl sand**

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

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

It is proposed to cease oil production at subject well and in addition to injecting into the L through Lp intervals (5706-5826) we will equip the well to inject into the K<sub>3</sub> through K<sub>y</sub> interval. These intervals will be separated by a packer and will make this a dual injection well.

The new injection intervals will be 5517-40, 5552-58 (K<sub>3</sub>), 5581-94 (K<sub>p</sub>) and 5613-61 (K<sub>g</sub>-K<sub>y</sub>).

Present Production: Shut-in.  
Present Injection : 1645 BWPD at 1750 psi.

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

SIGNED R. W. PATTERSON TITLE Unit Superintendent DATE 7-7-67  
R. W. PATTERSON

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

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

SUBMIT IN THIS MANNER\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**U-02030**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <b>Water Injection</b>		7. UNIT AGREEMENT NAME <b>Red Wash</b>	
2. NAME OF OPERATOR <b>Chevron Oil Company, Western Division</b>		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR <b>P. O. Box 455, Vernal, Utah</b>		9. WELL NO. <b>Unit #56 (41-28B)</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>660' FNL and 660' FKL of Sec. 28, T7S, R23E</b>		10. FIELD AND POOL, OR WILDCAT	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>KB - 5638</b>	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 28, T7S, R23E</b>		12. COUNTY OR PARISH <b>Uintah</b>	13. STATE <b>Utah</b>

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

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

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

**On 7/26/67 subject well was equipped to inject into the K<sub>g</sub> through K<sub>y</sub> interval. We are now injecting into intervals 5517-40, 5552-58 (K<sub>g</sub>), 5581-94 (K<sub>g</sub>), 5613-61 (K<sub>g</sub>-K<sub>y</sub>), 5706 (L), 5739 (L<sub>A</sub>), 5747-5752 (L<sub>AA</sub>), 5776-5783 (L<sub>B</sub>), 5807 (L<sub>C</sub>) and 5826 (L<sub>D</sub>). The K and L sands are separated by a packer. This is a dual injection well.**

**Prior Injection: 1645 BWPD at 1750 psi (L-L<sub>D</sub> interval).  
Present Injection: 2010 BWPD at 600 psi. (K<sub>g</sub>-K<sub>y</sub> interval).  
1580 BWPD at 1240 psi (L-L<sub>D</sub> interval).**

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

Original Signed by  
SIGNED R. W. PATTERSON TITLE Unit Superintendent DATE 8/24/67

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

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

**SUBMIT IN TRIPLICATE\***  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NO. <p align="center">U-02030</p>
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> <b>Water Injection Well</b>	7. UNIT AGREEMENT NAME <p align="center">Red Wash</p>	
2. NAME OF OPERATOR <p align="center">Chevron U.S.A. Inc.</p>	8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR <p align="center">P. O. Box 599 Denver, Colo. 80201</p>	9. WELL NO. <p align="center">56 (41-28B)</p>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <p align="center">660' FNL &amp; 660' FEL (NE<math>\frac{1}{4}</math>NE<math>\frac{1}{4}</math>)</p>	10. FIELD AND POOL, OR WILDCAT <p align="center">Red Wash</p>	
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <p align="center">S 28, T7S, R23E, SLBM</p>	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <p align="center">KB 5638</p>	12. COUNTY OR PARISH <p align="center">Uintah</p>
		13. STATE <p align="center">Utah</p>

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

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

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

We plan to acidize this well as per the attached.

- 3 - USGS
- 2-State
- 3-Partners
- 1-JCB
- 1-DLD
- 1-Sec 723
- 1-File

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: August 8, 1977  
BY: [Signature]



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

SIGNED <u>[Signature]</u>	TITLE <u>Engineering Assistant</u>	DATE <u>7-26-77</u>
	TITLE <u>J. J. Johnson</u>	

(This space for Federal or State office use)

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

WELL NAME: RWU #56 (41-28B)

FIELD: Red Wash

PROPOSED TREATMENT PROCEDURE

1. Objective: To eliminate the casing-annulus injection in the well.
2. Size and type of treatment: 2000 gals 15% HCl
3. Intervals to be treated: 5613-61
4. Treatment down casing or tubing: tubing
5. Method of localizing its effects: Interval to be straddled with Retrievable Bridge Plug and Packer.
6. Disposal of treating fluid: Spent acid to be swabbed back to pit.
7. Name of company to do work: Dowell, Halliburton or Western
8. Anticipated additional surface disturbances: None
9. Estimated work date: August 12, 1977
10. Present status, current production and producing interval: Injecting

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
5/77			1512

WI

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-02030

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

56 (41-28B)

10. FIELD AND POOL, OR WILDCAT

Red Wash

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

S28, T7S, R23E, SLBM

12. COUNTY OR PARISH 13. STATE

Uintah Utah

1. OIL WELL  GAS WELL  OTHER Water Injection Well

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

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

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

660' FNL & 660' FEL (NE 1/4 NE 1/4)

14. PERMIT NO.

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

KB 5638'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

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

Well was acidized as per the attached.

- 3-USGS
- 2-State
- 3-Partners
- 1-JCB
- 1-DLD
- 1-Sec 723
- 1-File

No additional surface disturbances required for this activity.

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

SIGNED

*J. J. Johnson*

TITLE

J. J. Johnson  
Engineering Assistant

DATE

11/4/77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

WELL NAME RWU #56 (41-28B)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 2000 gal 15% HCl.
2. Intervals treated: 5613-61'
3. Treatment down casing or tubing. Tubing
4. Methods used to localize effects: Retrievable bridge plug set at 5677' and packer set at 5605'.
5. Disposal of treating fluid: Spent acid flowed to pit.
6. Depth to which well was cleaned out: 5831'
7. Time spent bailing and cleaning out: 2 Days
8. Date of work: October 1, 1977
9. Company who performed work: Dowell
10. Production interval:
11. Status and production before treatment: Injecting

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
5/77			1512

12. Status and production after treatment: Injecting

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
10/22			1584 Tubing 936 Casing

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other Water Injection

2. NAME OF OPERATOR  
CHEVRON U.S.A. INC.

3. ADDRESS OF OPERATOR  
P. O. BOX 599, DENVER, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 660'FNL and 660'FEL (NE NE)  
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 checked="" type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other)	<input type="checkbox"/>	<input type="checkbox"/>

5. LEASE  
U-02030

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.  
RWU 56 (41-28B)

10. FIELD OR WILDCAT NAME  
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
S28, T7S, R23E, SLBM

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
KB 5638'

(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 acidize this well as per attached procedure.

3-USGS  
2-State  
3-Partners  
1-Field Foreman  
1-Sec. 723  
1-File

**No additional surface disturbances required for this activity.**

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

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

SIGNED Arlene F. Bush TITLE Engineering Assist DATE October 19, 1981

(This space for Federal or State office use)

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

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

\*See Instructions on Reverse Side

DATE 12-2-81  
BY M. J. Menden

WELL NAME: 56 (41-28B)

FIELD: Red Wash

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE: 12-2-81

BY: M. J. Minder

PROPOSED TREATMENT PROCEDURE

1. Objective: Clean up scale damage and formation plugging.
2. Size and type of treatment: 3,000 gal MOD 202 Acid.
3. Intervals to be treated: Short string - 1800 gallons acid.  
Long string - 1200 gallons acid.
4. Treatment down casing or tubing: Tubing
5. Method of localizing its effects: 2% KCl
6. Disposal of treating fluid: Flow spent acid to frac tank.
7. Name of company to do work: Halliburton, Dowell or Western.
8. Anticipated additional surface disturbances: None
9. Estimated work date: 11/1/81
10. Present status, current production and producing interval:  

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
9/81 -	Currently injecting	1400	BWPD at 2250 psi into long string and 1100 BWPD at 2500 psi into short string.

Pertinent Data:

KB - 5636'  
PBSD - 5831'  
7" 23#/ft N-80 & J-55 casing set at 5838

Perforations:

5199 (I <sub>D</sub> 30-40)	5613-61 (K <sub>E</sub> -K <sub>F</sub> 70)	5776 (L <sub>E</sub> 30-50)
5211 (I <sub>D</sub> 40-60)	5706 (L <sub>A</sub> 30-50)	5783 (L <sub>E</sub> 30-50)
5517-40 (K <sub>B</sub> 00-90)	5739 (L <sub>C</sub> 20-30)	5807 (L <sub>F</sub> 50-70)
5552-58 (K <sub>C</sub> 00-20)	5747 (L <sub>C</sub> 30-99)	5826 (L <sub>G</sub> 00-90)
5581-94 (K <sub>D</sub> 00-80)	5752 (L <sub>D</sub> 00-50)	

Procedure:

1. RU. Move in pumping equipment to acidize down the individual tubing strings. Use MOD 202 acid with 1 gal/1000 Tri-S surfactant, 2 gal/1000 AS-5 anti-sludge, 50 gal/1000 Para-sperse paraffin cleaner, 2 gal/1000 HAI-55 corrosion inhibitor and 25 lb/1000 FE-2 iron sequestering agent (Halliburton products-may use equivalent). Overflush acid to formation with 2% KCl water. Backflow acid load from each string and continue to backflow until well cleans up.
  - a) Short string - Pump 1800 gallons acid.
  - b) Long string - Pump 1200 gallons acid.
2. Place well back on injection.

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

WELL INTEGRITY REPORT  
\*\*\*\*\*

DATE: 5-12-83

COMPANY/OPERATOR Chevron

Water Disposal Well  Enhanced Recovery Well  Other

API Well Number 43-047-15182 Lease Name/Number Red Wash Field

SEC. 28 TOWNSHIP 7S RANGE 23E WELL NAME/NUMBER #56 (41-28B)

Lease Name/Number U-02030 Location NE 1/4 of NE 1/4 COUNTY: Uintah

\*\*\*\*

INITIAL CONDITIONS:

Long string Rate/Pressure: 711 bw/d 1275 psi

Short String Rate/Pressure: 932 bw/d 2610 psi

Csg-tbg Annulus Pressure: 2600 psi

CONDITIONS DURING TEST:

Long string Pressure: \*\* psi \_\_\_\_\_ Minutes Time: 11:30 to N/A

Short string Pressure \_\_\_\_\_ psi \_\_\_\_\_ Minutes

Csg-tbg Annulus Pressure \_\_\_\_\_ psi

Amount of water added to annulus: \_\_\_\_\_ bbls

AFTER ANNULUS BLEED OFF:

Long string Pressure: \_\_\_\_\_ psi

Short string Pressure: \_\_\_\_\_ psi

Csg-tbg Annulus Pressure: \_\_\_\_\_ psi

REMARKS: \*\* This well was not tested - obvious  
problem with the <sup>(annulus)</sup> pressure being too high!  
It was recommended that this well  
be shut-in and reworked

Tom Terlin  
Operator Representative (Name)

Shelia Pratt  
UIC FIELD INSPECTOR (Witness)

Clon B. Feight  
UIC FIELD INSPECTOR (Witness)

STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

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

May 19, 1983

Mr. Tom Tirlia  
Chevron U.S.A., Inc.  
P.O. Box 599  
Denver, CO 80201

Re: UIC - Mechanical  
Integrity Reports  
Red Wash Field

Dear Tom,

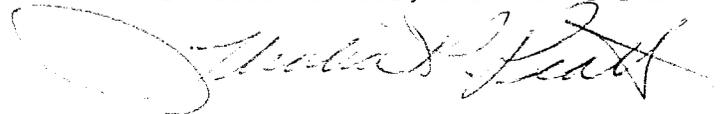
Please find enclosed copies of the pressure test reports relative to the wells located in the Red Wash field. Also, please notify us when you plan to rework the following wells so that we may have the opportunity to witness the repairing of the wells.

- 1) #56 (41-28B)
- 2) #150 (31-22B)
- 3) #14 (14-13B)

Again, we appreciate your assistance and cooperation you extended to Jack and I during the tests, and if you have any questions relative to the enclosed, please do not hesitate to call or write.

Very truly yours,

DIVISION OF OIL, GAS AND MINING



THALIA R. PRATT  
UIC SPECIALIST

TRP/tp

Enclosures: Mechanical Integrity Reports

Chevron



**Chevron U.S.A. Inc.**

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

May 24, 1983

R. H. Elliott  
Area Superintendent

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

Dear Mr. Hunt:

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

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

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

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

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

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

Yours very truly,

CHEVRON U.S.A. INC.

By R. H. Elliott /rzh

R. H. Elliott

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other Water Injector

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: 660' FNL & 660' FEL NE $\frac{1}{4}$ NE $\frac{1}{4}$   
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

5. LEASE  
U-02030

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.  
56(41-28B)

10. FIELD OR WILDCAT NAME  
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 28, T7S, R23E

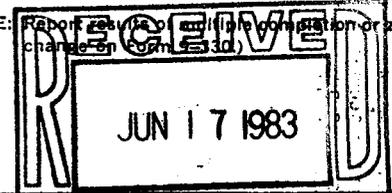
12. COUNTY OR PARISH Utah 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
KB 5638'

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 checked="" 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* (other)	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-331)



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

It is proposed to exclude the L sands (5706-5826') with a CIBP Perf and acidize the H (4852-4855'); H<sub>A</sub> (4870-4876') and I<sub>B</sub> (5113-5116') sands.

A dual string will be run to isolate the K sands from the H and I sands.

Proposed work will bring well into compliance with UIC regulations.

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

**No additional surface disturbances required for this activity.**

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

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

SIGNED Arlene F. Bush TITLE Engineering Asst. DATE June 14, 1983

(This space for Federal or State office use)

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

**APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**  
DATE: 6/20/83  
BY: [Signature]

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  X  
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
INJECT FLUID INTO THE ...RWU No. 56..... WELL  
SEC. 28 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-02030</u>	Well No. <u>56 (41-28B)</u>	Field <u>Red Wash</u>	County <u>Uintah</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NE 1/4 NE 1/4</u> Sec. <u>28</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 type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>3/29/57</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 Either fresh water (Green River) Injection Source(s) or produced water		Geologic Name(s) and Depth of Source(s) <u>Green River 4500-5700</u>	
Geologic Name of Injection Zone <u>Green River</u>		Depth of Injection Interval <u>4852</u> to <u>5661</u>	
a. Top of the Perforated Interval: <u>4852</u>	b. Base of Fresh Water: <u>2700</u>	c. Intervening Thickness (a minus b) <u>2152</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">YES</span> NO			
Lithology of Intervening Zones <u>sand-shale</u>			
Injection Rates and Pressures Maximum = <u>2500</u> B/D, Working = <u>800</u> B/D Maximum = <u>3000</u> psi, 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 )

County of Denver )

R.H. Elliott DIVISION OF OIL, GAS & MINING  
Applicant

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.

Suscribed and sworn to before me this 19 day of July, 19 83

SEAL

My commission expires July 5, 1987

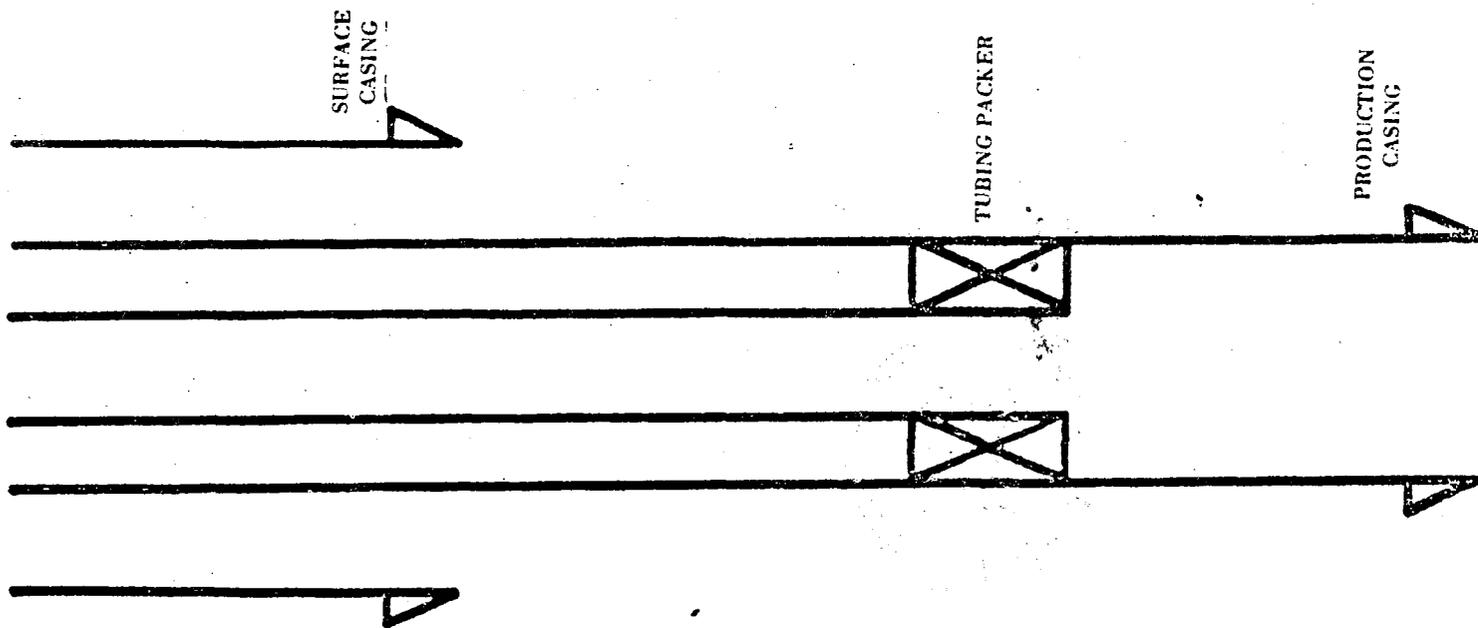
Notary Public in and for Colorado

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"	226	143	surface	returns
Intermediate					
Production	7"	5834	425	+2970	calculated
Tubing	2-3/8"	±4800, ±5400	Name - Type - Depth of Tubing Packer Baker 'A-5' @4800, Baker 'D' @ +5400		
<b>Total Depth</b>	<b>Geologic Name - Inj. Zone</b>	<b>Depth - Top of Inj. Interval</b>	<b>Depth - Base of Inj. Interval</b>		
5838	Green River	4852	5661		

SKETCH - SUB-SURFACE FACILITY



Form UIC-2

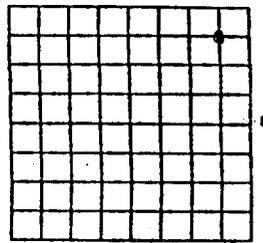
(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY LEASE NO.

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

API NO 43-047-05386



COUNTY Uintah SEC. 28 TWP. 7S RGE. 23E

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. 56

DRILLING STARTED 3/1 19 57 DRILLING FINISHED 3/28 19 57

DATE OF FIRST PRODUCTION 4/57 COMPLETED 4/2/57

WELL LOCATED NE 1/4 NE 1/4  
1980 FT. FROM SW OF 1/4 SEC. & 1980 FT. FROM WL OF 1/4 SEC.

ELEVATION DERRICK FLOOR 5633 GROUND 5625

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	5600			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sex	Fillup	Top
10-3/4"	40.5#	J-55	226	1200	143	-	surface
7"	23#	N-80 J-55	5834	1500	425	-	± 2970

TOTAL DEPTH 5838

PACKERS SET DEPTH ±4800, ±5400

COMPLETION & TEST DATA BY PRODUCING FORMATION

1 2 3

FORMATION	Green River		
SPACING & SPACING ORDER NO.	40-acre spacing		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Enhanced recovery		
PERFORATED	4852-55	5211	5613-61
INTERVALS	4870-76	5517-40	
	5113-16	5552-58	
	5199	5581-94	
ACIDIZED?	4852-5211		
	5613-61		
FRACTURE TREATED?	5199-5661		

INITIAL TEST DATA

Date	4-57		
Oil. bbl./day	37		
Oil Gravity	22		
Gas. Cu. Ft./day	44	M CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	1189		
Water-Bbl./day	66		
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)

*R.H. Elliott*

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.

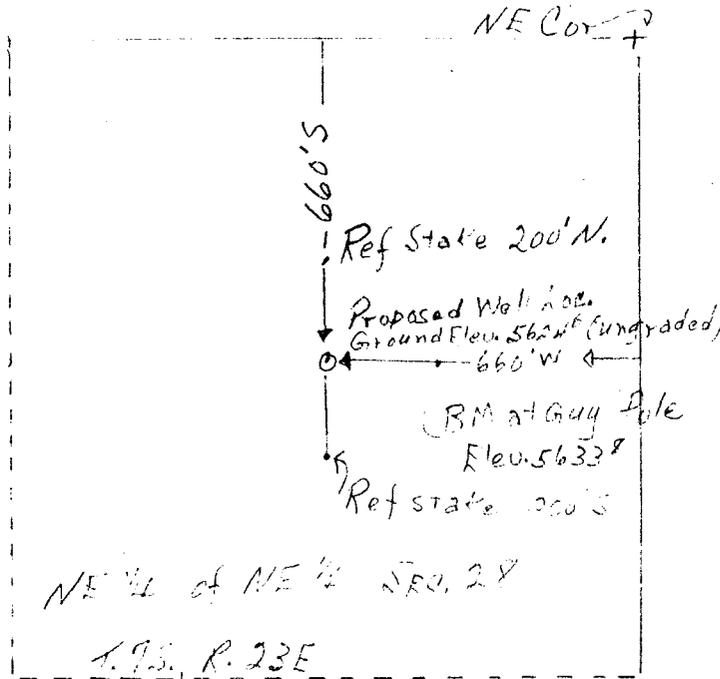
Telephone (303) 691-7437 R.H. Elliott - Area Prod. Supt.  
Commission expires July 3, 1987 Name and title of representative of company

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

*Lois J. Thompson*

PLAT SHOWING  
PROPOSED LOCATION OF THE STANDARD OIL COMPANY  
OF CALIFORNIA WELL IN THE NE 1/4 SECTION 28,  
TOWNSHIP 7 SOUTH, RANGE 23 EAST, SALT LAKE  
BASE & MERIDIAN

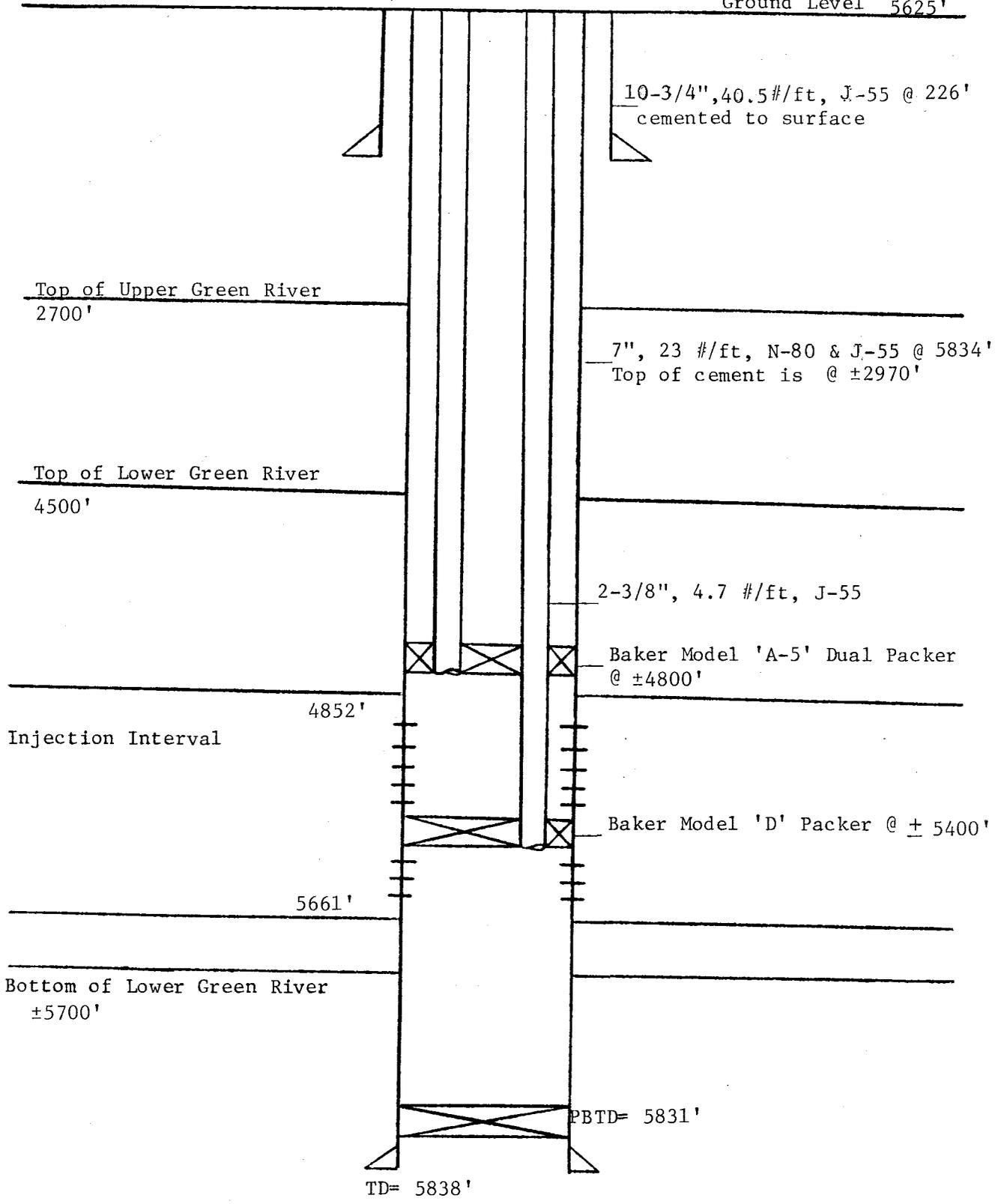
Scale 1" = 400 feet



I, Leon P. Christensen of Vernal, Utah, do hereby certify that this plat correctly shows the proposed location of the well shown hereon as surveyed by me on January 4, 1957; that said location is at a point 660 feet South and 660 feet West of the Northeast corner Section 28, Township 7 South, Range 23 East, Salt Lake Base and Meridian.

/s/ Leon P. Christensen  
Prof. Engr. & Land Surveyor

Ground Level 5625'



Redwash Unit 56(41-28B)  
Wellbore Schematic

Red Wash Unit  
Wellbore Schematic



**Chevron U.S.A. Inc.**

Figure 3

DATE -

SCALE -

## CBL DESCRIPTIONS

### Injection Well

#### **RWU No. 56 (41-28B)**

Bonding in No. 56 is indicated to be fair overall, with good bonding across the injection interval, 4852'-5661'. The cement top is calculated to be at 2970'.

### Offset Producers

#### **RWU No. 13 (14-22B)**

The CBL shows fair bond quality from TD (5798') up to 4600' with good bond intervals at 5710'-98', 5470'-5560', 5310'-80', and 4700'-4800'. The top perforation is at 5192'. The remaining logged interval from 4600' to 4050' has poor bond quality with fair streaks throughout. The estimated cement top was calculated at 3441'.

#### **RWU No. 78 (32-28B)**

A cement bond log is not available for No. 78 (32-28B). The cement top is calculated to be at 3650'. The production interval is 5538'-5688'.

#### **RWU No. 79 (12-27B)**

A cement bond log is not available for No. 79 (12-27B). The cement top is calculated to be at + 3280'. The production interval is 5424'-5592'.

#### **RWU No. 90 (43-21B)**

A pertinent CBL is unavailable for No. 90. The cement top is calculated to be at 3380'. The gross perforated interval is 5153'-5641½'.

#### **RWU No. 101 (34-21B)**

The CBL for No. 101 indicates a good to fair cement bond. A section of poor bonding is located at 5610'-5660'. The cement top is at 3500' and the producing interval is 5111'-5636'.

#### **RWU No. 141 (11-27B)**

The CBL indicates good to fair quality bond from TD (5770') to the cement top at 4156' with poor sections from 5583'-5610', 5487'-5516', and 4510'-37'. The producing interval in this well is 4620'-5133'.

**RWU No. 176 (31-28B)**

No. 176 has a cement bond of fair quality overall. Poor bonding is shown from 3980' (cement top) to 4600'. Three 10' sections of poor bonding exist within the interval 4940'-5440'. The gross perforated interval is 5145'-5632'.

**RWU No. 177 (42-28B)**

The subject well has a cement top at 4350' and a gross perforated interval from 4828' to 5523'. Alternating sections of good/fair/poor bonding are indicated by the cement bond log.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other Water Injection

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

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 660' FNL & 660' FEL NENE  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-02030

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.  
56 (41-28B)

10. FIELD OR WILDCAT NAME  
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 28, T7S, R23E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
43047-15182

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
KB 5638'

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) UIC Compliance <input type="checkbox"/>	<input checked="" type="checkbox"/>

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

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

- 1- MIR & RU. ND Tree. NU BOPE.
  - 2- POOH w/short string, long string and packers.
  - 3- RIH w/bit and casing scraper. Cleaned out to 5786'.
  - 4- Checked for communication in 5706 and 5613-61. None.
  - 5- Tested casing to 1000 psi.
  - 6- RIH w/CIBP set at 5692'. Capped CIBP w/5 sxs cmt.
  - 7- Perforated intervals 5113-5116, 4870-4876 and 4852-4855 w/2 shots per foot.
  - 8- Acidized well - see attached.
  - 9- RIH w/A-5 & Mod D Packer, set mod D at 5400'.
  - 10- RIH w/2-3/8" long string - hydrotest to 5000 psi.
  - 11- RIH 2/2-3/8" short string, hydrotest to 500 psi.
- Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

**No additional surface disturbances required for this activity.**

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

18. I hereby certify that the foregoing is true and correct  
SIGNED [Signature] TITLE Engineering Asst. DATE September 7, 1983  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:  
12- Set A-5" packer at 4,806'. Test annulus to 1000 psi.  
13- Turn well to injection.

WELL NAME: RWU 56 (41-28B)

FIELD NAME RED WASH

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 2000 gals. 15% HCL
2. Intervals treated: 5552-5558  
5199-5211  
5113-5116  
4852-4876
3. Treatment down casing or tubing: tubing
4. Methods used to localize effects: Set RBP and packer to straddle perms and ball sealers used as diverting agents.
5. Disposal of treating fluid: Spent acid was swabbed back to flat tank.
6. Depth to which well was cleaned out: 5786
7. Date of work: August 13-15, 1983.
8. Company who performed work: Western
9. Production interval:
10. Status and production before treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>	Injecting
6/83			730	
7/83			Shut-in	

11. Status and production after treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>	Injecting
9/28			940 @ 690 PSI Long String 1630 @ 1100 PSI Short String	

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW  
\* \* \* \* \*

Operator: Cherwin Well No. 41-28B (56)  
 County: Utah T 7S R 23E Sec. 28 API# 43-047-15182  
 New Well  Conversion  Disposal Well  Enhanced Recovery Well

	<u>YES</u>	<u>NO</u>
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fluid Source	<u>Greenwood</u>	<input type="checkbox"/>

Analysis of Injection Fluid Yes  No  TDS 5460  
 Analysis of Water in Formation to be injected into Yes  No  TDS 21,667

Known USDW in area Utah Depth 2700'  
 Number of wells in area of review 9 Prod. 9 P&A 0  
 Water 0 Inj. 0

Aquifer Exemption Yes  NA   
 Mechanical Integrity Test Yes  No   
 Date 9-14-83 Type Fracturing

Comments: \* Not tested CTA = 2600 PSI, well shut-in  
for mechanical problems; Repaired 7/17/83  
Top of Cement 2970 Bottom 5834

Reviewed by: CAF



SPILL REPORT TO REGULATORY AGENCIES  
CHEVRON U.S.A. INC., CENTRAL REGION  
P.O. BOX 599  
DENVER, CO 80201

Field/Facility: Water injection line to well #14-28B in Red Wash Unit

Location: Township 7S Range 23E Section 28 QTR/QTR SWSW

County: Uintah

State: Utah

Date of Spill/Time: March 17, 1985, discovered at 1:00 p.m.

Fluid Spilled: Oil 0 Bbls, <sup>Injection</sup> Water 200 Bbls, Other 0 Bbls

Fluid Recovered: Oil 0 Bbls, Water 0 Bbls, Other 0 Bbls

Agencies Notified/Date/Time: Telephoned by R. K. Wackowski:

- Utah Dept. of Natural Resources (Ron Firth) 3/17/85, 3:00 p.m.

Telephoned by Daisy Joslin:

- BLM, Fluid Minerals, Vernal (Alan McKee) 3/18/85, 8:10 a.m.\*

- Utah Dept. of Health-Water P. Control (Brian Nelson) 3/18/85, 8:20 a.m.\*

Telephoned by M. L. Swetnam:

- EPA, Region VIII, Denver (Floyd Nichols) 3/18/85, 8:40 a.m.

How spill occurred:

Corrosion in water injection line caused leak and permitted 200 barrels of injection water to spill on the ground where it spread out and soaked into the ground. No spilled material reached any navigable stream bed or tributary.

Control and cleanup methods used:

Shut off the flow. All the water soaked into the ground and there was none to vacuum up.

Estimated damage:

No land damage. Estimated clean-up cost, approx. \$500.

Action taken to prevent recurrence:

Defective section of injection pipeline is being replaced.

Who to contact for further information:

Mr. R. K. Wackowski  
Assistant Production Foreman  
Chevron U.S.A. Inc.  
Red Wash Unit  
Vernal, UT 84078  
(801) 789-2442

\*Mr. R. K. Wackowski telephoned these two agencies on Sunday, 3/17/85, and was told "call back on Monday."

March 18, 1985  
Date Report Prepared

REPORT OF UNDESIRABLE EVENT

NTL-3A (EFFECTIVE MARCH 1, 1979)

RECEIVED

MAR 20 1985

To: District Manager, B.L.M., Fluid Minerals  
From: Chevron U.S.A. Inc., P. O. Box 599, Denver, Colorado 80201

DIVISION OF OIL  
GAS & MINING

1. Spill XX Discharge \_\_\_\_\_ Blowout \_\_\_\_\_ Accident \_\_\_\_\_ Fire or Explosion \_\_\_\_\_
2. BBLS Discharged: 200 Bbls. Produced Water BBLS Lost: 200 Bbls. Produced Water
3. Contained on location: Yes \_\_\_\_\_ No X
4. Date and time of event: Discovered 3-17-85 at 1:00 p.m.
5. Date and time reported to B.L.M.: 03-18-85 / 8:10 a.m.
6. Location of event: RWU 14-28B Water Injection Line
7. Specific nature and cause of event  
Hole in water injection line, caused by corrosion.
8. Describe resultant damage:  
Injection station shut-in. Wells shut in at wing valve.  
All fluid soaked into ground. No spilled material reached any  
navigable stream bed or tributary.
9. Time required for control of event: None upon discovery
10. Action taken to control and contain:  
Injection station shut in. Wells shut in at wing valve.
11. Action taken to prevent recurrence:  
Line will be repaired as soon as possible.
12. Cause of death:
- \*13. Other agencies notified:  
Utah Dept Health, Water Pollution / 3-18-85 / 8:20 a.m. / Brian Nelson  
Utah Dept. of Natural Resources / Ron Firth / 2:50 p.m. / 3-17-85  
EPA Region VIII / 8:40 am / 3-18-85
14. Other pertinent information:

Signature *RK Wachowski* Date 3-18-85

Title Assistant Production Foreman, Red Wash Unit  
TID # 94-1497173

\* A COPY OF THIS FORM WAS MAILED TO EACH AGENCY LISTED IN PARAGRAPH 13 ABOVE.



**Chevron U.S.A. Inc.**

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

March 18, 1985

R. H. Elliott  
Area Superintendent

State of Utah Department of Natural Resources  
Division of Oil, Gas, and Mining  
355 West North Temple  
3 Traid Center, Ste. 350  
Salt Lake City, UT 84180-1203

Attention Mr. Ron Firth

Gentlemen:

The attached spill report will confirm our recent telephone report to your office of a spill of 200 barrels of injection water from water injection line to well #14-28B in Red Wash Unit located in Red Wash field, Uintah County, Utah, discovered on March 17, 1985, at 1:00 p.m.

All of the spilled water soaked into the ground. No spilled material reached any navigable stream bed or tributary.

Very truly yours,

*for M. J. Auetrom*  
R. H. Elliott

MLS:pt  
Attachment

cc: Mr. O. M. Paschke

**RECEIVED**

MAR 21 1985

**DIVISION OF OIL  
GAS & MINING**



**Chevron U.S.A. Inc.**  
**RED WASH**

43-047-15182

**SURVEY DATA**

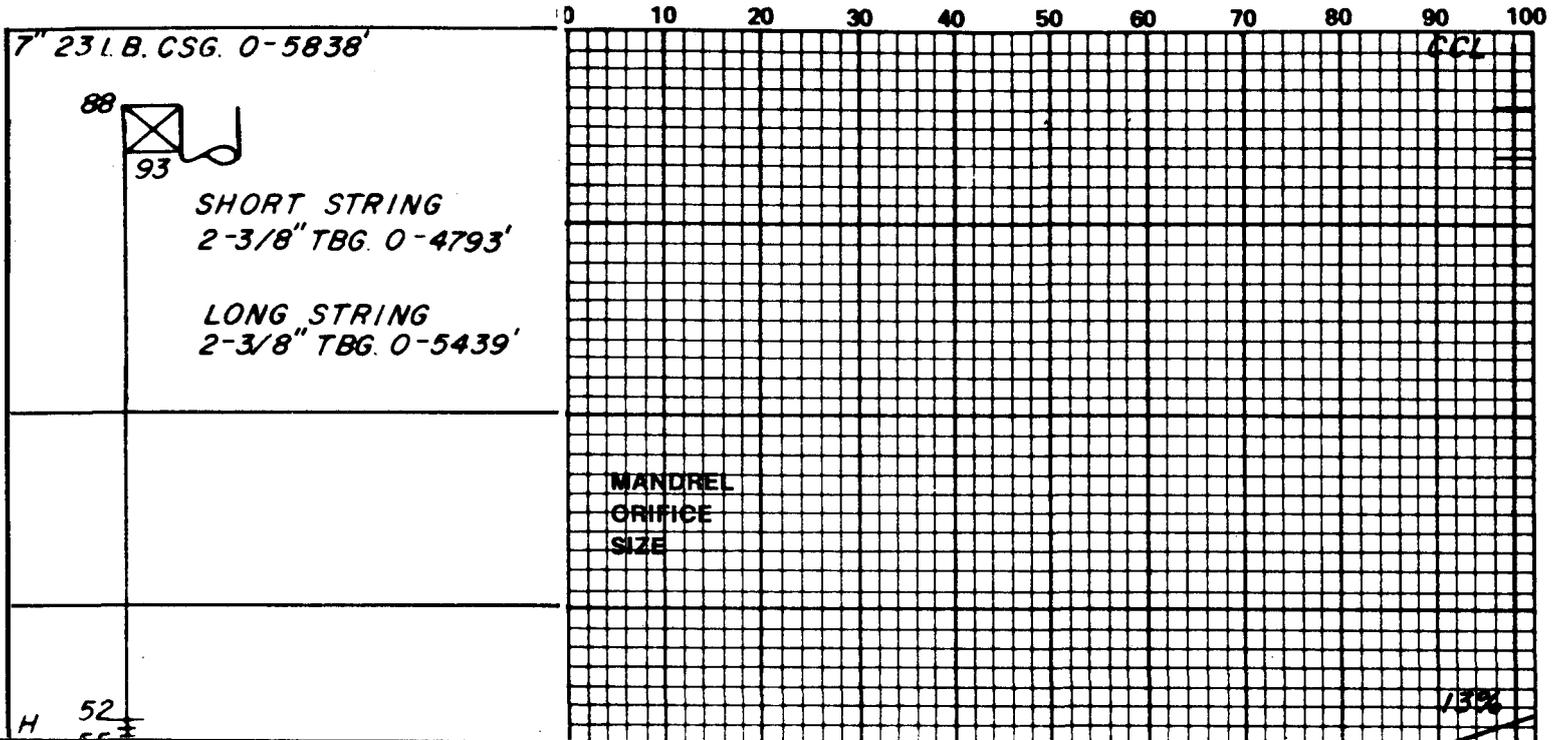
TC

WELL NO.

RWU 56(4I-28B)  
 75-238-28

RUN NO.	ONE	
Type Survey	TST	B.H.T 46°
Date	8-5-87	Surface Temp.
Inj. Rate	1181 B/D S.S.	1480 B/D L.S.
Inj. Press.	1850 PSI S.S.	1850 PSI L.S.
Pick-up	5671	
Service Co.	PLS	

INJECTION - %



HA 70  
76

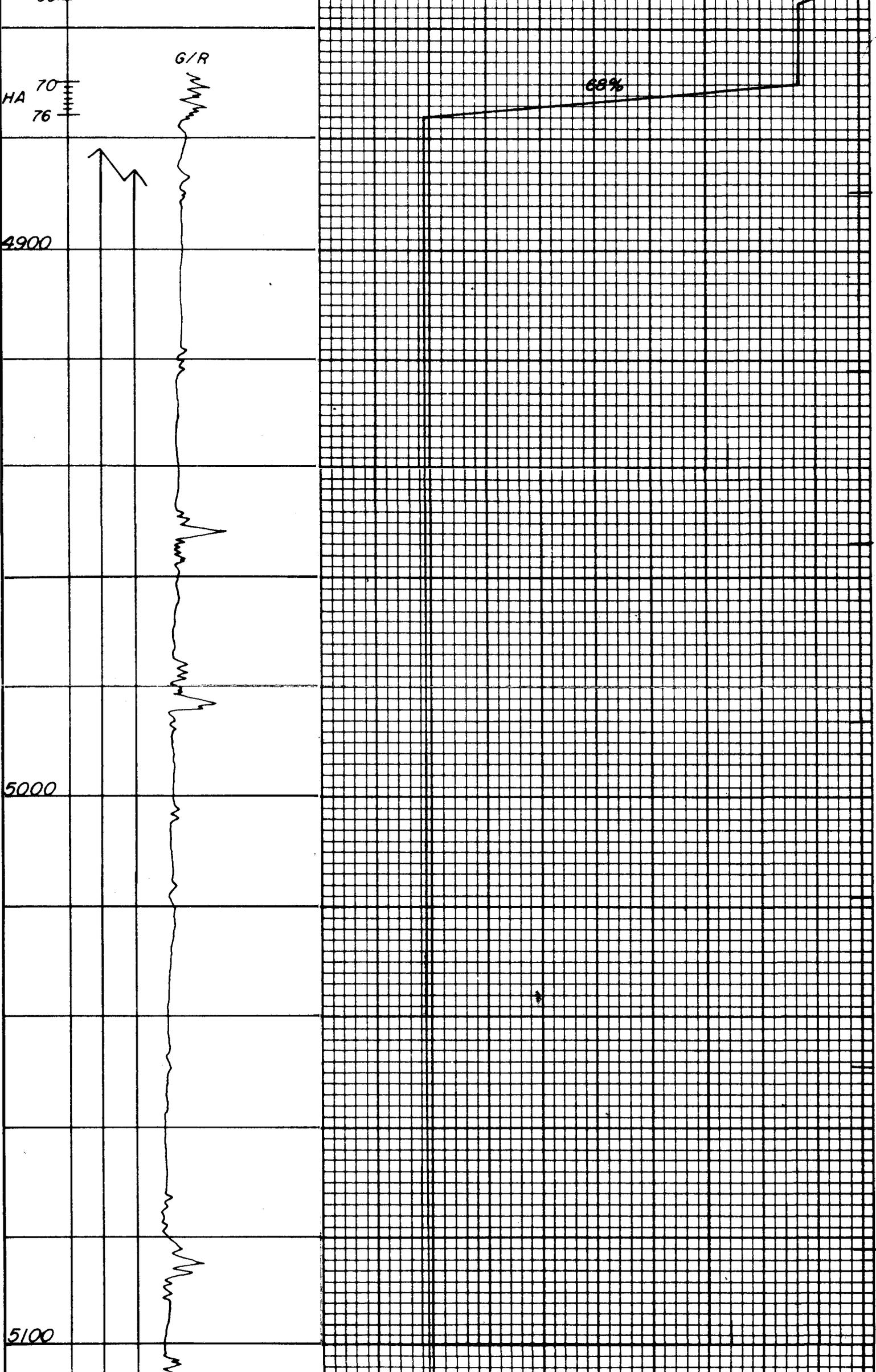
G/R

68%

4900

5000

5100



IB 13  
16

16%

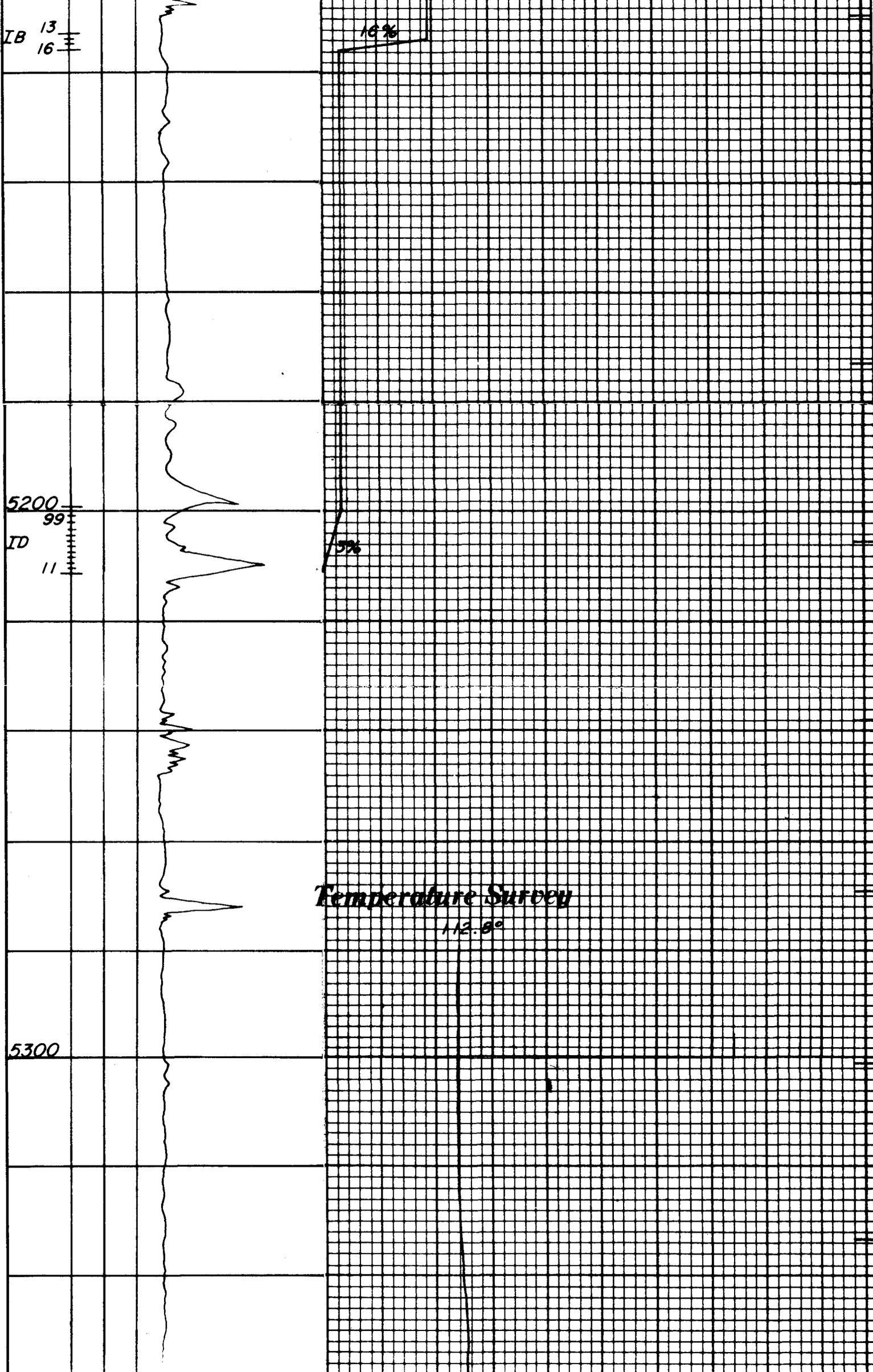
5200  
99  
ID  
11

5%

Temperature Survey

112.9°

5300



5400

00

05

39

5500

17

KB

40

52

KC

58

81

KD

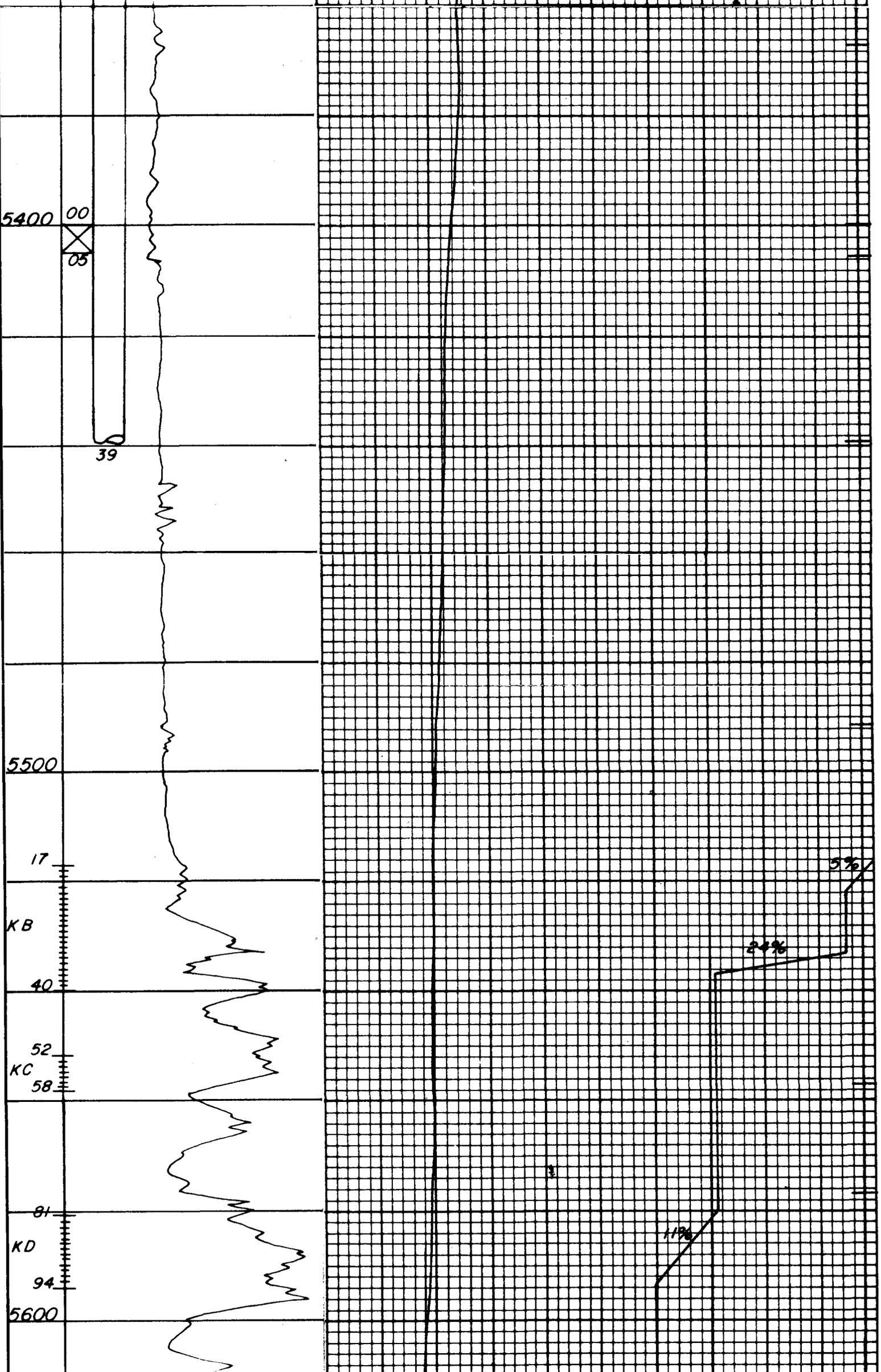
94

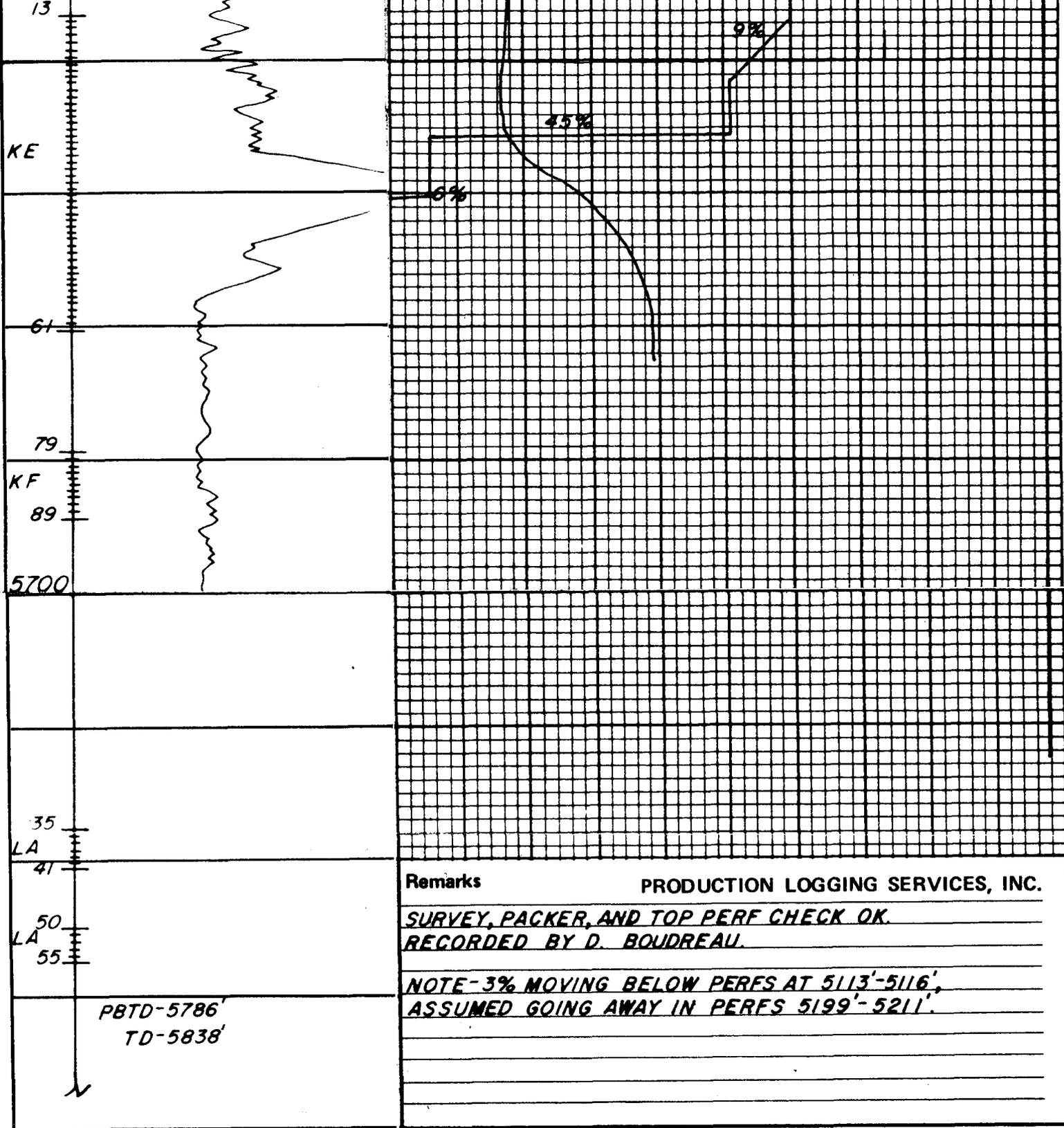
5600

5%

24%

11%





TRACER VELOCITY DATA

SHOT NO.	DEPTH	DISTANCE TRAVELED	TRAVEL TIME	RATE
LONG STRING				
1	5613'-5623.5'	10.5'	49 SEC.	731 B/D
2	5623.5'-5631.5'	8'	39 SEC.	699 B/D
3	5631.5'-5635'	3.5'	45 SEC.	265 B/D
4	5635'-5636'	1'	40 SEC.	85 B/D
5	5641'			ZERO FLOW

6	5577'-5584.25'	7.25'	28 SEC.	974 B/D
7	5564'-5572'	8'	28 SEC.	974 B/D
8	5537'-5545.5'	8.5'	30 SEC.	966 B/D
9	5522'-5533'	11'	29 SEC.	1293 B/D
10	5503'-5513'	10'	25 SEC.	1364 B/D
11	5441'-5451.25'	10.25'	26 SEC.	1344 B/D
12	5290'-5390'	100'	24 SEC.	1388 B/D
SHOT NO. 12 BOTTOM PACKER CHECK, WAIT 120 SECONDS. BOTTOM PACKER CHECKS OK.				
SHORT STRING				
13	4500'-4750'	250'	73 SEC.	1140 B/D
14	4845'-4853.5'	8.5'	33 SEC.	752 B/D
15	4853.5'-4864'	10.5'	31 SEC.	989 B/D
16	4864'-4870.5'	5.5'	34 SEC.	473 B/D
17	4870.5'-4875'	4.5'	62 SEC.	212 B/D
18	4875'-4883'	8'	102 SEC.	229 B/D
SHOT NO.	DEPTH	DISTANCE TRAVELED	TRAVEL TIME	RATE
19	4883'-4894.5'	11.5'	140 SEC.	240 B/D
20	4894.5'-4924.5'	30'	412 SEC.	213 B/D
21	4924.5'-4965'	40.5'	535 SEC.	221 B/D
22	4965'-5007'	42'	567 SEC.	216 B/D
23	5007'-5074'	67'	1014 SEC.	193 B/D
24	5074'-5095'	21'	319 SEC.	192 B/D
25	5095'-5107'	12'	250 SEC.	140 B/D
26	5107'-5110'	3'	260 SEC.	34 B/D

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

<b>SUBMIT IN TRIPLICATE</b>	
1. Type of Well Oil <input type="checkbox"/> Well    Gas <input type="checkbox"/> Well <input checked="" type="checkbox"/> Other <i>W14</i>	5. Lease Designation and Serial No. U - 02030
2. Name of Operator CHEVRON U.S.A. PRODUCTION CO.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. BOX 599, DENVER, CO. 80201 (303) 930-3691	7. If Unit or CA, Agreement Designation RED WASH
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  660 FNL, 660 FEL, SEC. 28, T7S, R23E	8. Well Name and No. 56 (41-28B)
	9. API Well No. 43-047-15182
	10. Field and Pool, or Exploratory Area RED WASH - GRN. RIVER
	11. County or Parish, State UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA													
TYPE OF SUBMISSION	TYPE OF ACTION												
<input type="checkbox"/> Notice of Intent  <input checked="" type="checkbox"/> Subsequent Report  <input type="checkbox"/> Final Abandonment Notice	<table style="width:100%;"> <tr> <td style="width: 33%;"><input type="checkbox"/> Abandonment</td> <td style="width: 33%;"><input type="checkbox"/> Change of Plans</td> </tr> <tr> <td><input type="checkbox"/> Recompletion</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Plugging Back</td> <td><input type="checkbox"/> Non-Routine Fracturing</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Altering Casing</td> <td><input type="checkbox"/> Conversion to Injection</td> </tr> <tr> <td><input type="checkbox"/> Other <u>STATUS</u></td> <td><input type="checkbox"/> Dispose Water</td> </tr> </table> <p style="font-size: small; margin-top: 5px;">(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Other <u>STATUS</u>	<input type="checkbox"/> Dispose Water
<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans												
<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction												
<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing												
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off												
<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection												
<input type="checkbox"/> Other <u>STATUS</u>	<input type="checkbox"/> Dispose Water												

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

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

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

RECEIVED

APR 15 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct  
Signed *J. P. Wilson* Title PERMIT SPECIALIST Date 4/6/92

(This space for Federal or State office use)

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

WIW

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**660 FNL, 660 FEL, SEC. 28, T7S, R23E**

5. Lease Designation and Serial No.  
**U-02030**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**RWU #56 (41-28B)**

9. API Well No.  
**43-047-15182**

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

11. County or Parish, State  
**Uintah, Utah**

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

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

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

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

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

**RECEIVED**

FEB 18 1993

DIVISION OF  
OIL GAS & MINING

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

Signed

*Chana Bough*

Title

*Oper. Assistant*

Date

*02/09/93*

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:

# 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

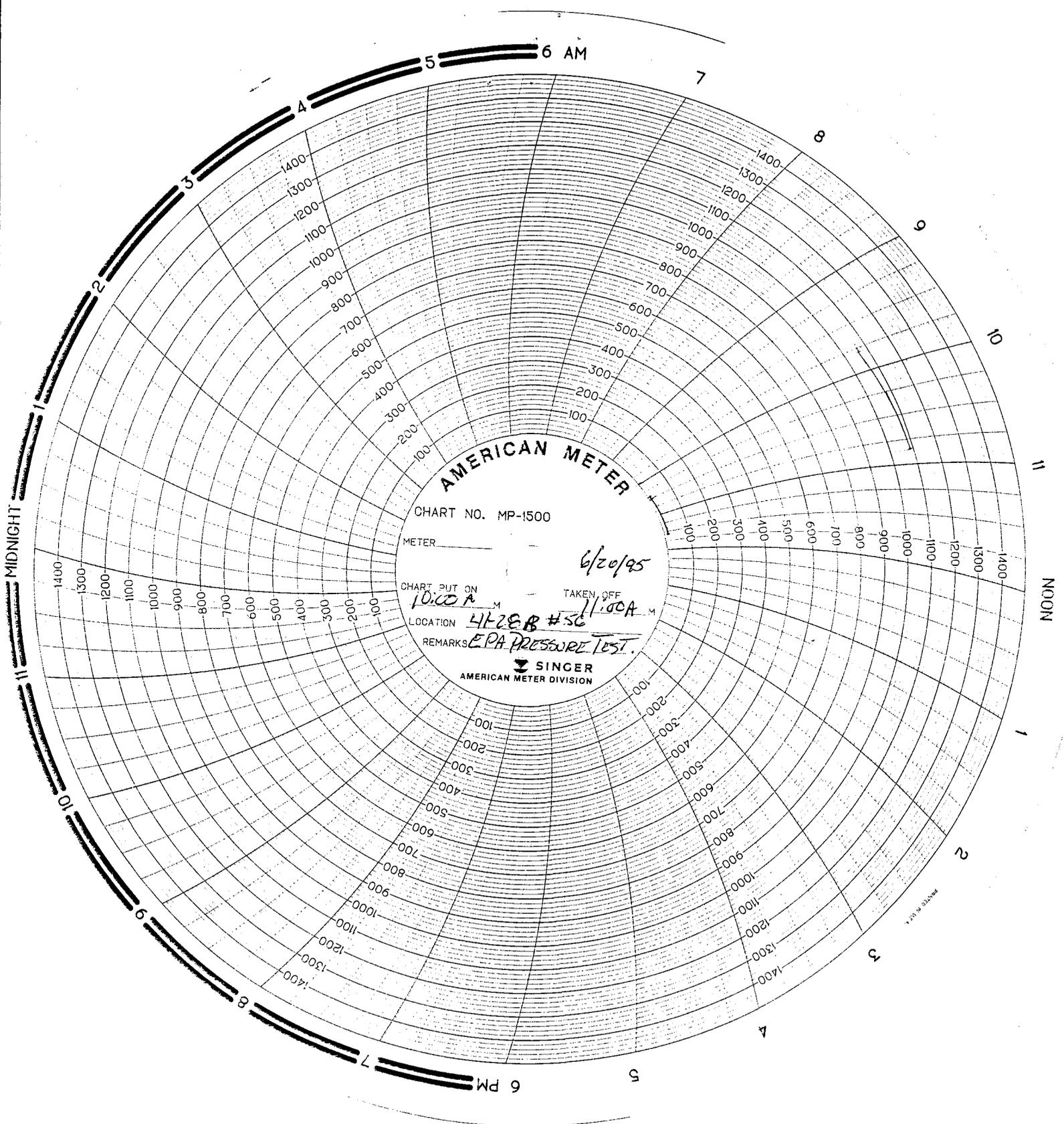
EPA Witness: \_\_\_\_\_ Date 6/20/95 Time 10:00 am/pm  
 Test conducted by: MIKE JOHNSON  
 Others present: \_\_\_\_\_

Well: 41-28B (F56) Well ID: UTO 2400  
 Field: REDWASH 43-047-15182 Company: CHEVRON USA INC.  
 Well Location: NENE 28-75-23E Address: 11002 E 17500 S  
VERNALUITA CHEVRON USA 84078-8526

Time	Test #1	Test #2	Test #3
0 min	<u>1060</u> psig	_____ psig	_____ psig
5	_____	_____	_____
10	_____	_____	_____
15	_____	_____	_____
20	_____	_____	_____
25	_____	_____	_____
30 min	<u>1070</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	<u>1080 PSI</u>	_____	_____
Tubing press	<u>1200</u> psig	_____ psig	_____ psig

Result (circle) Pass Fail      Pass Fail      Pass Fail

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



AMERICAN METER

CHART NO. MP-1500

METER \_\_\_\_\_

CHART PUT ON 10:00 A.M.

TAKEN OFF 11:00 A.M.

LOCATION 412 EB #5C

REMARKS EPA PRESSURE TEST.

SINGER  
AMERICAN METER DIVISION

6/20/95

MADE IN U.S.A.



**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 14 (14-13B) (wiw)	43-047-15144	99996	13	07S	23E	FEDERAL
RWU 183 (33-13B) (wiw)	43-047-15289	5670	13	07S	23E	FEDERAL
RWU 185 (41-14B) (wiw)	43-047-16498	99996	14	07S	23E	FEDERAL
RWU 34 (23-14B) (wiw)	43-047-15161	99996	14	07S	23E	FEDERAL
RWU 156 (23-15B) (wiw)	43-047-15267	99990	15	07S	23E	FEDERAL
RWU 268 (43-17B) (wiw)	43-047-32980	5670	17	07S	23E	FEDERAL
RWU 174 (21-20B) (wiw)	43-047-15281	5670	20	07S	23E	FEDERAL
RWU 173 (21-21B) (wiw)	43-047-16496	99996	21	07S	23E	FEDERAL
RWU 182 (14-21B) (wiw)	43-047-16497	99996	21	07S	23E	FEDERAL
RWU 6 (41-21B) (wiw)	43-047-16482	99996	21	07S	23E	FEDERAL
RWU 148 (13-22B) (wiw)	43-047-15261	99996	22	07S	23E	FEDERAL
RWU 91 (33-22B) (wiw)	43-047-16479	99996	22	07S	23E	FEDERAL
RWU 23 (21-23B) (wiw)	43-047-15151	99996	23	07S	23E	FEDERAL
RWU 25 (23-23B) (wiw)	43-047-16476	99996	23	07S	23E	FEDERAL
RWU 2 (14-24B) (wiw)	43-047-16472	99996	24	07S	23E	FEDERAL
RWU 59 (12-24B) (wiw)	43-047-16477	99996	24	07S	23E	FEDERAL
RWU 275 (31-26B) (wiw)	43-047-31077	99996	26	07S	23E	FEDERAL
RWU 11 (34-27B) (wiw)	43-047-15142	99996	27	07S	23E	FEDERAL
RWU 56 (41-28B) (wiw)	43-047-15182	99996	28	07S	23E	FEDERAL
RWU 264 (31-35B) (wiw)	43-047-30519	99996	35	07S	23E	FEDERAL
RWU 279 (11-36B) (wiw)	43-047-31052	99996	36	07S	23E	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

4. Is the new operator registered in the State of Utah: YES Business Number: 224885

5. If **NO**, the operator was contacted contacted on: \_\_\_\_\_

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC"** 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: 08/24/2000

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 08/23/2000

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/23/2000

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A

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

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

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 3,5,01

**FILING:**

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

**COMMENTS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

# RECEIVED

FEB 07 2000

DIVISION OF  
OIL, GAS AND MINING

IN REPLY REFER TO  
UT-931

February 4, 2000

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

Re: Red Wash Unit  
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

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

UT931:TAThompson:tt:2/4/00

# 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

**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: 6/8/2000 TIME: 1000 **(A)**MPM  
TEST CONDUCTED BY: Mike Johnson  
OTHERS PRESENT: N/A

WELL:	<u>RWU# 56(41-28B)</u>	WELL ID:	<u>API-43-047-15122</u> <u>EPA-UT02400</u>
FIELD:	<u>Red Wash</u>	COMPASSHENOADOAH ENERGY INC.	
WELL LOCATION:	<u>NENE Sec. 39 T7S R23</u>	ADDRESS 11002 EAST 17500 SOUTH VERNAL, UTAH 84078	
WELL STATUS:	<u>Active</u>		

TIME		TEST #1 CASING PRESSURE	TIME	TEST #2 CASING PRESSURE	TIME	TEST #3 CASING PRESSURE
<u>10:10</u>	0 MIN	<u>1090</u>	_____	_____	_____	_____
<u>10:05</u>	5	<u>1090</u>	_____	_____	_____	_____
<u>10:10</u>	10	<u>1090</u>	_____	_____	_____	_____
<u>10:15</u>	15	<u>1080</u>	_____	_____	_____	_____
<u>10:20</u>	20	<u>1080</u>	_____	_____	_____	_____
<u>10:25</u>	25	<u>1080</u>	_____	_____	_____	_____
<u>10:30</u>	30 MIN	<u>1080</u>	_____	_____	_____	_____
_____	35	_____	_____	_____	_____	_____
_____	40	_____	_____	_____	_____	_____
_____	45	_____	_____	_____	_____	_____
_____	50	_____	_____	_____	_____	_____
_____	55	_____	_____	_____	_____	_____
_____	60 MIN	_____	_____	_____	_____	_____

START TUBING PRESSURE, PSIG 1450 PSI  
END TUBING PRESSURE, PSIG 1450 PSI  
RESULTS (CIRCLE) **PASS** FAIL

SIGNATURE OF EPA WITNESS: \_\_\_\_\_



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

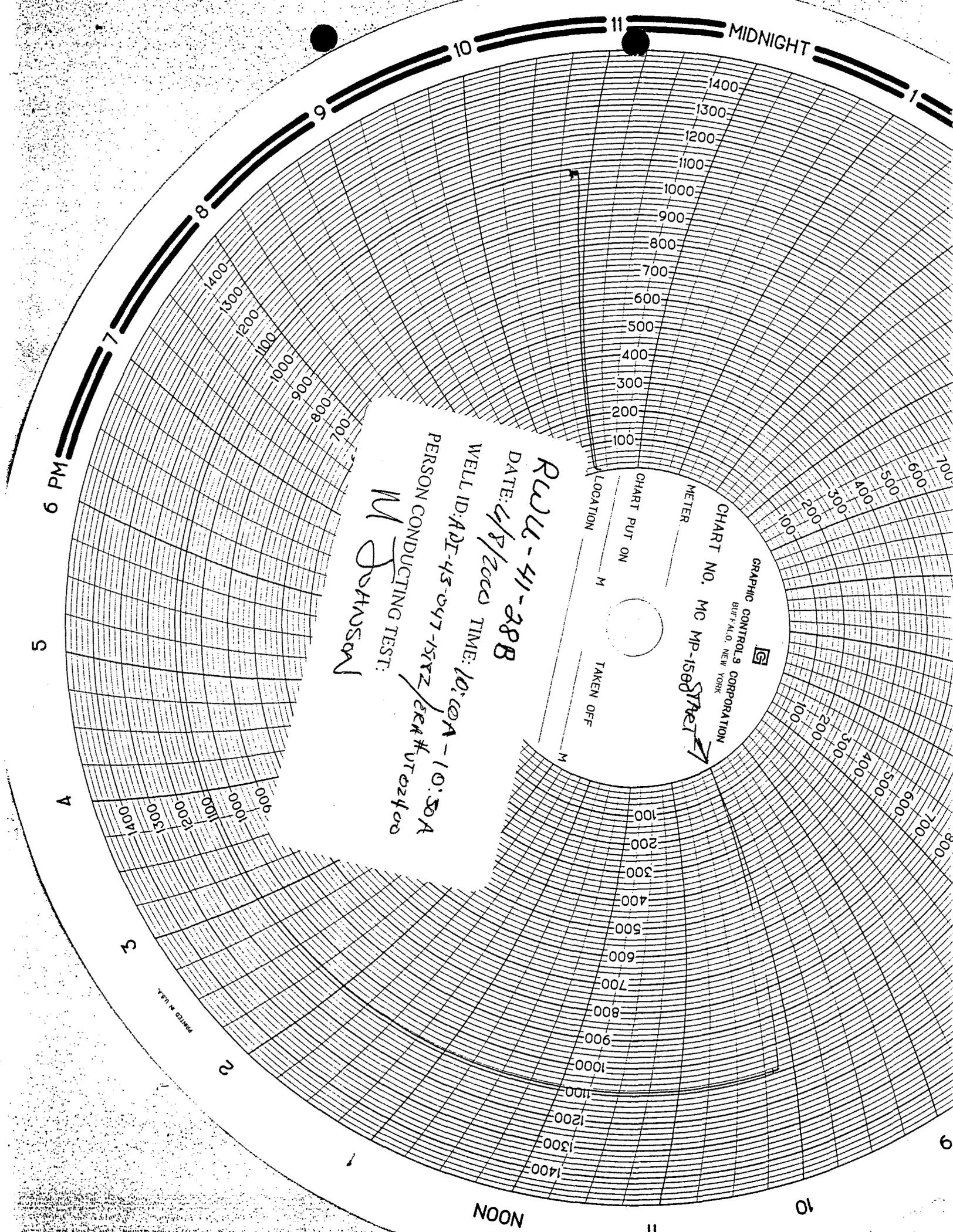
EPA WITNESS: \_\_\_\_\_ DATE: 6/8/2000 TIME: 1000 (A)MPM  
TEST CONDUCTED BY: Mike Johnson  
OTHERS PRESENT: U/A

WELL: <u>RWU# 56(41-28B)</u>	WELL ID. <u>API-43-047-15182</u> <u>EPA-UT02400</u>
FIELD: <u>Red Wash</u>	COMPAN: <u>SHENANDOAH ENERGY INC.</u>
WELL LOCATION: <u>NENE Sec. 29 T7S R23E</u>	ADDRESS: <u>11002 EAST 17500 SOUTH</u> <u>VERNAL, UTAH 84078</u>
WELL STATUS: <u>Active</u>	

TEST #1		TEST #2		TEST #3	
TIME	CASING PRESSURE	TIME	CASING PRESSURE	TIME	CASING PRESSURE
<u>10:10</u> 0 MIN	<u>1090</u>	_____	_____	_____	_____
<u>10:05</u> 5	<u>1090</u>	_____	_____	_____	_____
<u>10:10</u> 10	<u>1090</u>	_____	_____	_____	_____
<u>10:15</u> 15	<u>1080</u>	_____	_____	_____	_____
<u>10:20</u> 20	<u>1080</u>	_____	_____	_____	_____
<u>10:25</u> 25	<u>1080</u>	_____	_____	_____	_____
<u>10:30</u> 30 MIN	<u>1080</u>	_____	_____	_____	_____
_____ 35	_____	_____	_____	_____	_____
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_____ 60 MIN	_____	_____	_____	_____	_____

START TUBING PRESSURE, PSIG 1450 PSI  
END TUBING PRESSURE, PSIG 1450 PSI  
RESULTS (CIRCLE) PASS FAIL

SIGNATURE OF EPA WITNESS: \_\_\_\_\_



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GRAPHIC CONTROLS CORPORATION  
 BUFFALO, NEW YORK

CHART NO. MC MP-1568 *Symet*

METER \_\_\_\_\_

CHART PUT ON \_\_\_\_\_ M \_\_\_\_\_

TAKEN OFF \_\_\_\_\_ M \_\_\_\_\_

LOCATION \_\_\_\_\_

*RUE-41-388*  
 DATE: *4/8/2000* TIME: *10:00A - 10:50A*  
 WELL ID: *ADI-45-047-15TZ/SEA # UT02400*  
 PERSON CONDUCTING TEST: *W JOHNSON*

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

Comments: \_\_\_\_\_

**NEW OPERATOR**

Transfer approved by:

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

Comments: \_\_\_\_\_

(State use only)

Transfer approved by [Signature] Title Tech. Services Manager

Approval Date 8-24-00

**RECEIVED**

AUG 9 2000

DIVISION OF

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

Merger

The operator of the well(s) listed below has changed, effective:		<b>2/1/2003</b>
<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>	
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	

**CA No. Unit: RED WASH UNIT**

<b>WELL(S)</b>									
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
RWU 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	
RWU 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	
RWU 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	
RWU 33-25A	25	070S	220E	4304733578	5670	Federal	WI	A	
RWU 61 (12-27A)	27	070S	220E	4304716478	5670	Federal	WI	I	
RWU 34 (23-14B)	14	070S	230E	4304715161	5670	Federal	WI	A	
RWU 283 (43-18B)	18	070S	230E	4304732982	5670	Federal	WI	A	
RWU 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	
RWU 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	
RWU 48 (32-19B)	19	070S	230E	4304715174	5670	Federal	WI	I	
RWU 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	
RWU 6 (41-21B)	21	070S	230E	4304716482	5670	Federal	WI	A	
RWU 59 (12-24B)	24	070S	230E	4304716477	5670	Federal	WI	A	
RWU 269 (13-26B)	26	070S	230E	4304730522	5670	Federal	WI	I	
RWU 275 (31-26B)	26	070S	230E	4304731077	5670	Federal	WI	A	
RWU 56 (41-28B)	28	070S	230E	4304715182	5670	Federal	WI	A	
RWU 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	
RWU 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A	
RWU 271 (42-35B)	35	070S	230E	4304731081	5670	Federal	WI	I	
RWU 279 (11-36B)	36	070S	230E	4304731052	5670	Federal	WI	A	

**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: 6/2/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/19/2003
- Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
- If NO, the operator was contacted on: \_\_\_\_\_

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 17<sup>th</sup> 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

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

JUL 07 2003

3104 (932.34)WF  
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> 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: Public 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

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
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**

<b>FROM: (Old Operator):</b> N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900	<b>TO: (New Operator):</b> N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900
-------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------

WELL NAME	CA No.	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	SENE	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

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
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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		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
		7. UNIT or CA AGREEMENT NAME: see attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: see attached	
2. NAME OF OPERATOR: <b>QUESTAR EXPLORATION AND PRODUCTION COMPANY</b>		9. API NUMBER: attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 <small>CITY</small> Denver STATE <b>CO</b> ZIP <b>80265</b>	PHONE NUMBER: <b>(303) 308-3068</b>	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>attached</b>		COUNTY: <b>Uintah</b>
QTR/GTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: <b>UTAH</b>

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.

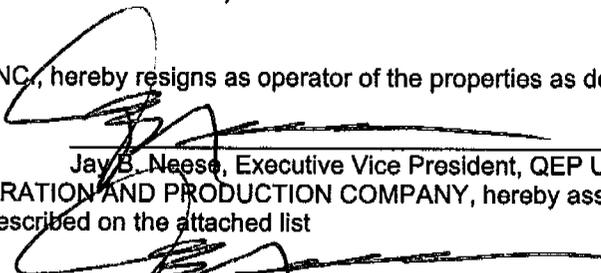
Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible 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

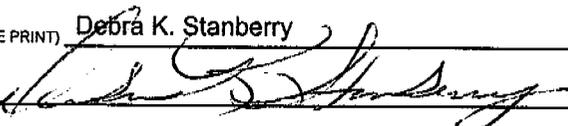
Fee Land Bond Number: 965003033

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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**APR 19 2007**

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.

<b>1. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> see attached
<b>2. NAME OF OPERATOR:</b> QUESTAR EXPLORATION AND PRODUCTION COMPANY		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> see attached
<b>3. ADDRESS OF OPERATOR:</b> 1050 17th Street Suite 500 City Denver STATE CO ZIP 80265		<b>7. UNIT or CA AGREEMENT NAME:</b> see attached
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: attached		<b>8. WELL NAME and NUMBER:</b> see attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		<b>9. API NUMBER:</b> attached
COUNTY: Uintah		<b>10. FIELD AND POOL, OR WILDCAT:</b>
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"/> <b>NOTICE OF INTENT</b> (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"/> <b>SUBSEQUENT REPORT</b> (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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**APR 19 2007**  
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

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

**ROUTING**  
 CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

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

**6/14/2010**

<b>FROM: (Old Operator):</b> N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048	<b>TO: ( New Operator):</b> N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048
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CA No. Unit: RED WASH

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**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: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- 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 8/16/2010 BIA not yet
- Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** 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: 6/29/2010

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- 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: 965010693
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- 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:**

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		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 <i>N5085</i>		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) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <i>Morgan Anderson</i>	DATE <u>6/23/2010</u>

(This space for State use only)

**RECEIVED**  
**JUN 28 2010**  
DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

**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

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AUG 16 2010

DIV OF OIL, GAS & MINERALS

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

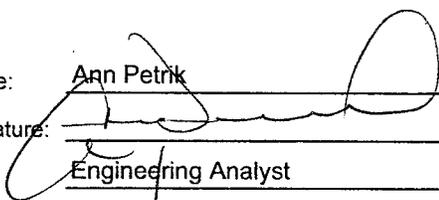
UIC FORM 5

**TRANSFER OF AUTHORITY TO INJECT**

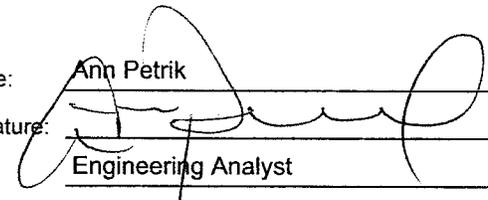
Well Name and Number See Attached List	API Number Attached
Location of Well	Field or Unit Name Attached
Footage : Attached	County :
QQ, Section, Township, Range:	State : UTAH
	Lease Designation and Number Attached

**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

DIV. OF OIL, GAS & MINING