

RECEIVED  
 JUN 27 2000  
 DIVISION OF OIL  
 GAS & MINING PRICE UTAH

**WEST RIDGE RESOURCES, INC.**  
**WATER MONITORING REPORT - 1st Quarter 2000**  
**PERENNIAL, INTERMITTENT, AND EPHEMERAL STREAM SITES**  
**FIELD MEASUREMENTS**

Site #	Site Name	Date & Time	pH	Conductivity (µS)	Temperature (° C)	Dissolved Oxygen (mg/l)	Flow Rate	Notes
ST-3	Upper Whitmore below Hanging Rock - perennial	03/22/00 10:00						not accessible due to snow and mud
ST-4	Lower Bear - Ephemeral Site	03/31/00 0800					0	
ST-5	Below B and C Canyons Ephemeral Site	03/22/00 14:00					0	
ST-6	C Canyon - Ephemeral - Below Mine Site	03/22/00 13:30					0	
ST-6a	C Canyon - Ephemeral - Above Mine Site	03/22/00 13:10					0	
ST-7	A Canyon - Ephemeral	03/22/00 12:10					0	
ST-8	Whitmore Canyon above Water Canyon - perennial	03/22/00 10:00						not accessible due to snow and mud

RECEIVED  
 JUN 27 2000  
 DIVISION OF OIL  
 GAS & MINING PRICE UTAH

RECEIVED  
 JUN 27 2000  
 DIVISION OF OIL  
 GAS & MINING PRICE UTAH

RECEIVED  
 JUN 27 2000  
 DIVISION OF OIL  
 GAS & MINING PRICE UTAH

**WEST RIDGE RESOURCES, INC.**  
**WATER MONITORING REPORT - 1<sup>st</sup> Quarter 2000**  
**SEEP AND SPRING SITES**  
**FIELD PARAMETERS**

Site #	Site Name	Date & Time	pH	Conductivity ( $\mu$ S)	Temperature ( $^{\circ}$ C)	Flow Rate	Notes
SP-8	C Canyon	03/22/00 1310					inaccessible due to snow
SP-12	Developed Spring at Upper Gate	03/22/00 1000					inaccessible due to snow
SP-13	Developed Spring at Spring Canyon	03/22/00 10:00					inaccessible due to snow
SP-15	Roadside Spring Below Dam	03/22/00 10:00					inaccessible due to snow
SP-16	Lowermost Whitmore Spring	03/22/00 10:00					inaccessible due to snow
WR-1	West Ridge No. 1	03/22/00 10:00					inaccessible due to snow
WR-2	West Ridge No. 2	03/22/00 10:00					inaccessible due to snow

**WEST RIDGE RESOURCES**  
**WATER MONITORING REPORT - 1<sup>st</sup> quarter 2000**  
**C CANYON WELL DH 86-2**  
**FIELD PARAMETERS**

Site #	Site Name	Date & Time	pH	Conductivity ( $\mu$ S)	Temperature ( $^{\circ}$ C)	Water Level	Notes
DH 86-2	C Canyon Well	02/17/00 1650	8.1	1648	14	79'	operational schedule/parameters

RECEIVED

RECEIVED

10/20/2000

Data in this file was entered with the exception of Flow data which was NOT on the lab sheets  
Ken

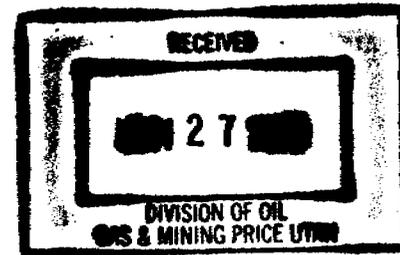
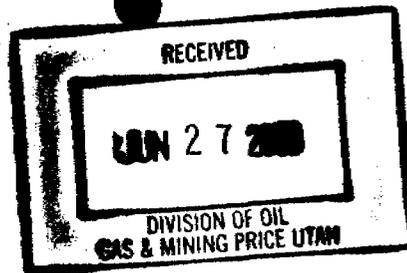
WEST WATER MON ST

Site #	Site Name	Date & Time	pH
SP-8	C Canyon	11/03/99 1030	8.2
SP-12	Developed Spring at Upper Gate	11/02/99 1235	8.8
SP-13	Developed Spring at Spring Canyon	11/02/99 1256	8.2
SP-15	Roadside Spring Below Dam	11/02/99 1450	8.4
SP-16	Lowermost Whitmore Spring	11/03/99 0835	8.4
WR-1	West Ridge No. 1	11/02/99 0945	8.5
WR-2	West Ridge No. 2	11/02/99 1025	8.3

Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
							operational schedule/parameters
660	6	0.7 gpm					operational schedule/parameters
840	6	0.9 gpm					operational schedule/parameters
610	3	4.0 gpm					operational schedule/parameter
770	7	0.9 gpm					operational schedule/parameter
360	6	2.5 gpm					operational schedule/parameters
390	3	1.4 gpm					operational schedule/parameters

Do not operational

4th 99  
Sim Smith



**WEST RIDGE RESOURCES, INC.**  
**WATER MONITORING REPORT - 4<sup>th</sup> Quarter 1999**  
**SEEP AND SPRING SITES**  
**FIELD PARAMETERS**

Site #	Site Name	Date & Time	pH	Conductivity ( $\mu$ S)	Temperature ( $^{\circ}$ C)	Flow Rate	Notes
SP-8	C Canyon	11/03/99 1030	8.2	1700	4	0.6 gpm	operational schedule/parameters
SP-12	Developed Spring at Upper Gate	11/02/99 1235	8.8	660	6	0.7 gpm	operational schedule/parameters
SP-13	Developed Spring at Spring Canyon	11/02/99 1256	8.2	840	6	0.9 gpm	operational schedule/parameters
SP-15	Roadside Spring Below Dam	11/02/99 1450	8.4	610	3	4.0 gpm	operational schedule/parameters
SP-16	Lowermost Whitmore Spring	11/03/99 0835	8.4	770	7	0.9 gpm	operational schedule/parameters
WR-1	West Ridge No. 1	11/02/99 0945	8.5	360	6	2.5 gpm	operational schedule/parameters
WR-2	West Ridge No. 2	11/02/99 1025	8.3	390	3	1.4 gpm	operational schedule/parameters

**WEST RIDGE RESOURCES**  
**WATER MONITORING REPORT - 4<sup>th</sup> quarter 1999**  
**C CANYON WELL DH 86-2**  
**FIELD PARAMETERS**

Site #	Site Name	Date & Time	pH	Conductivity ( $\mu$ S)	Temperature ( $^{\circ}$ C)	Water Level	Notes
DH 86-2	C Canyon Well	11/18/99 1543	7.8	1680	13	76.5'	operational schedule/parameters

**WEST RIDGE RESOURCES, INC.**  
**WATER MONITORING REPORT - 4th Quarter 1999**  
**PERENNIAL, INTERMITTENT, AND EPHEMERAL STREAM SITES**  
**FIELD MEASUREMENTS**

Site #	Site Name	Date & Time	pH	Conductivity ( $\mu$ S)	Temperature ( $^{\circ}$ C)	Dissolved Oxygen (mg/l)	Flow Rate	Notes
ST-3	Upper Whitmore below Hanging Rock - perennial	11/02/99 1000	7.7	620	1.9	17.7	0.07 cfs	no visible oil sheen; samples collected for operational parameters
ST-4	Lower Bear - Ephemeral Site	12/21/99 0930					0	No flow; channel bottom snow covered.
ST-5	Below B and C Canyons Ephemeral Site	11/16/99 0900					0	Dry; removed equipment for winter
ST-6	C Canyon - Ephemeral - Below Mine Site	11/16/99 0930					0	Dry, no recent events
ST-6a	C Canyon - Ephemeral - Above Mine Site	11/03/99 0900					0	No recent runoff events detectable
ST-7	A Canyon - Ephemeral	11/16/99 1045					0	Dry
ST-8	Whitmore Canyon above Water Canyon - perennial	11/02/99 0915	7.5	650	4	10.0	0.3 cfs	no visible oil sheen; samples taken for chemical analysis of operational parameters.

**WEST RIDGE RESOURCES**  
**WATER MONITORING REPORT - Supplemental 3<sup>rd</sup> quarter visits**  
**EPHEMERAL STREAM SITES**  
**FIELD MEASUREMENTS**

Site #	Site Name	Date & Time	pH	Conductivity (μS)	Temperature (°C)	Dissolved Oxygen (mg/l)	Flow Rate	Notes
* ST-5	Below B and C Canyons Ephemeral Site	7/19/99 1200	a) 7.4 b) 7.4 c) 7.4	160 170 210	---	----	0	ISCO collected 15-minutes apart; from storm 7/17?; gage height appx; 1.3
	B Canyon - Ephemeral - Mine Site	7/19/99 1245					0	storm did not produce runoff here
	B Canyon - Ephemeral - Mine Site	7/19/99 1310					0	some runoff below sediment ponds
	Below B and C Canyons Ephemeral Site	7/29/99 1645	8.2	1640	21		15 gpm	grab sample collected during recession of small event
	C Canyon - Ephemeral - Below Mine Site	7/26/99 1710					0	runoff has ceased here, event appeared to very small
	Below B and C Canyons Ephemeral Site	8/12/99 1000	7.0	650	16		0	Isco samples from recent storm 0.5' on gage, @ 15 minutes apart;
	C Canyon - Ephemeral - Below Mine Site	8/12/99 1030					0	small event here too.
* ST-5	Below B and C Canyons Ephemeral Site	09/3/99 1345	a) 6.9 b) 6.9 c) 7.0 d) 7.0	600 470 630 710			0	Isco samples from storm in last day or two. Gage height 0.7 appx. Subsamples at 15 minute intervals.
ST-6	C Canyon - Ephemeral - Below Mine Site	09/3/99 1420					0	Recent small flow.
ST-7	A Canyon - Ephemeral	9/08/99 1600					0	No new flow evident

CHECK

\*  
FOR HOW TO ENTER

**WEST RIDGE RESOURCES**  
**WATER MONITORING REPORT - Supplemental 3<sup>rd</sup> quarter visits**  
**EPHEMERAL STREAM SITES**  
**FIELD MEASUREMENTS**

Site #	Site Name	Date & Time	pH	Conductivity (μS)	Temperature (°C)	Dissolved Oxygen (mg/l)	Flow Rate	Notes
ST-5	Below B and C Canyons Ephemeral Site	7/19/99 1200	a) 7.4 b) 7.4 c) 7.4	160 170 210	---	----	0	ISCO collected 15-minutes apart; from storm 7/17?; gage height appx; 1.3
ST-6	C Canyon - Ephemeral - Below Mine Site	7/19/99 1245					0	storm did not produce runoff here
ST-6a	C Canyon - Ephemeral - Above Mine Site	7/19/99 1310					0	some runoff below sediment ponds
ST-5	Below B and C Canyons Ephemeral Site	7/29/99 1645	8.2	1640	21		15 gpm	grab sample collected during recession of small event
ST-6	C Canyon - Ephemeral - Below Mine Site	7/26/99 1710					0	runoff has ceased here, event appeared to very small
ST-5	Below B and C Canyons Ephemeral Site	8/12/99 1000	7.0	650	16		0	Isco samples from recent storm 0.5' on gage, @ 15 minutes apart;
ST-6	C Canyon - Ephemeral - Below Mine Site	8/12/99 1030					0	small event here too.
ST-5	Below B and C Canyons Ephemeral Site	09/3/99 1345	a) 6.9 b) 6.9 c) 7.0 d) 7.0	600 470 630 710			0	Isco samples from storm in last day or two. Gage height 0.7 appx. Subsamples at 15 minute intervals.
ST-6	C Canyon - Ephemeral - Below Mine Site	09/3/99 1420					0	Recent small flow.
ST-7	A Canyon - Ephemeral	9/08/99 1600					0	No new flow evident

**WEST RIDGE RESOURCES, INC.**  
**WATER MONITORING REPORT - 3<sup>rd</sup> quarter 1999**  
**PERENNIAL, INTERMITTENT, AND EPHEMERAL STREAM SITES**  
**FIELD MEASUREMENTS**

Site #	Site Name	Date & Time	pH	Conductivity ( $\mu$ S)	Temperature ( $^{\circ}$ C)	Dissolved Oxygen (mg/l)	Flow Rate	Notes
ST-3	Upper Whitmore below Hanging Rock - perennial	08/25/99 1245	8.2	580	16	10.2	0.3 cfs	no visible oil sheen; samples collected for operational parameters
ST-4	Lower Bear - Ephemeral Site	09/30/99 1030					0	No sign of unusual recent runoff events.
ST-5	Below B and C Canyons Ephemeral Site	08/23/99 1830					0	No flow significant enough to trigger ISCO or register on crest gage has occurred since last visit
ST-6	C Canyon - Ephemeral - Below Mine Site	08/23/99 1920					0	Small, recent runoff event in channel below sediment pond
ST-6a	C Canyon - Ephemeral - Above Mine Site	08/23/99 1850					0	Recent significant flow that transported a lot of organic material. Gage reads 1.4, but likely inaccurate due to blockage by debris. Sampler plugged.
ST-7	A Canyon - Ephemeral	08/25/99 1530					0	Recent flow - gage reads 1.8, sampler plugged.
ST-8	Whitmore Canyon above Water Canyon - perennial	08/25/99 1415	8.2	630	17	10.9	0.2 cfs	no visible oil sheen; samples taken for chemical analysis of operational parameters.

**WEST RIDGE RESOURCES, INC.**  
**WATER MONITORING REPORT - Baseline Schedule**  
**SEEP AND SPRING SITES**  
**FIELD PARAMETERS**

Site #	Site Name	Date & Time	pH	Conductivity ( $\mu$ S)	Temperature ( $^{\circ}$ C)	Flow Rate	Notes
S-80	Hanging Rock Spring	07/26/99 1200	7.6	880	11	9 gpm	baseline schedule/parameters
S-80	Hanging Rock Spring	08/25/99 1200	7.5	930	15	6.4 gpm	baseline schedule/parameters

SITE NOT IN  
DATA BASE

**WEST RIDGE RESOURCES, INC.**  
**WATER MONITORING REPORT - 3<sup>rd</sup> quarter 1999**  
**SEEP AND SPRING SITES**  
**FIELD PARAMETERS**

Site #	Site Name	Date & Time	pH	Conductivity ( $\mu$ S)	Temperature ( $^{\circ}$ C)	Flow Rate	Notes
SP-8	C Canyon	09/09/99	8.0	1700	8	1.0 gpm	operational schedule/parameters
SP-12	Developed Spring at Upper Gate	08/25/99 1030	7.0	710	8	0.7 gpm	operational schedule/parameters
SP-13	Developed Spring at Spring Canyon	08/25/99 1110	7.5	810	8	1.4 gpm	operational schedule/parameters
SP-15	Roadside Spring Below Dam	08/25/99 1315	7.7	630	11	5.7 gpm	operational schedule/parameters
SP-16	Lowermost Whitmore Spring	08/25/99 1350	7.7	670	11	0.4 gpm	operational schedule/parameters
WR-1	West Ridge No. 1	09/08/99 1010	7.0	380	9	2.3 gpm	operational schedule/parameters
WR-2	West Ridge No. 2	09/08/99 1100	7.2	480	8	1.9 gpm	operational schedule/parameters

**WEST RIDGE RESOURCES**  
**WATER MONITORING REPORT - 3<sup>rd</sup> quarter 1999**  
**C CANYON WELL DH 86-2**  
**FIELD PARAMETERS**

Site #	Site Name	Date & Time	pH	Conductivity ( $\mu$ S)	Temperature ( $^{\circ}$ C)	Water Level	Notes
DH 86-2	C Canyon Well	08/12/99 1725	7.5	2100	13	71.5'	operational schedule/parameters

**WEST RIDGE RESOURCES, INC.  
 WATER MONITORING REPORT  
 PERENNIAL, INTERMITTENT, AND EPHEMERAL STREAM SITES  
 FIELD MEASUREMENTS**

Site #	Site Name	Date & Time	pH	Conductivity (µS)	Temperature (°C)	Dissolved Oxygen (mg/l)	Flow Rate	Notes
ST-3	Upper Whitmore below Hanging Rock - perennial	06/17/99 1200	7.3	500	12	15.1	1.0 cfs	no visible oil sheen, but o&g samples taken anyway; samples taken for chemical analysis; site on baseline schedule
ST-4	Lower Bear - Ephemeral Site							
ST-5	Below B and C Canyons Ephemeral Site							
ST-6	C Canyon - Ephemeral - Below Mine Site							
ST-6a	C Canyon - Ephemeral - Above Mine Site							
ST-7	A Canyon - Ephemeral							
ST-8	Whitmore Canyon above Water Canyon - perennial	06/17/99 1240	8.1	540	14.7	14.2	5.0 cfs	no visible oil sheen, but o&g samples taken anyway; samples taken for chemical analysis; site on baseline schedule

**WEST RIDGE RESOURCES, INC.  
WATER MONITORING REPORT  
SEEP AND SPRING SITES  
FIELD PARAMETERS**

Site #	Site Name	Date & Time	pH	Conductivity (µS)	Temperature (°C)	Flow Rate	Notes
SP-8	C Canyon	06/10/99	7.8	1700	6	2 gpm	operational schedule
SP-12	Developed Spring at Upper Gate	05/26/99 1100	7.4	690	6	1 gpm	baseline schedule
SP-13	Developed Spring at Spring Canyon	05/26/99 1140	7.9	790	6	2 gpm	baseline schedule
SP-15	Roadside Spring Below Dam	05/26/99 1245	8.3	640	9	10 gpm	baseline schedule
SP-16	Lowermost Whitmore Spring	05/26/99 1330	8.4	670	8	2.0 gpm	baseline schedule
WR-1	West Ridge No. 1	06/09/99 1310	7.7	410	8	3.2 gpm	baseline schedule
WR-2	West Ridge No. 2	06/09/99 1345	7.7	450	8	2.4 gpm	baseline schedule
S-80	Hanging Rock Spring	06/09/99 1000	6.9	850	6	25-30 gpm	baseline schedule

\*

/ \* S-80

01-10-01 DJ

**WEST RIDGE RESOURCES  
WATER MONITORING REPORT  
C CANYON WELL DH 86-2  
FIELD PARAMETERS**

Site #	Site Name	Date & Time	pH	Conductivity ( $\mu$ S)	Temperature ( $^{\circ}$ C)	Water Level	Notes
DH 86-2	C Canyon Well	05/26/99 1605	7.8	1815	14	72.00'	

**WEST RIDGE RESOURCES, INC.  
WATER MONITORING REPORT  
PERENNIAL, INTERMITTENT, AND EPHEMERAL STREAM SITES  
FIELD MEASUREMENTS**

Site #	Site Name	Date & Time	pH	Conductivity ( $\mu$ S)	Temperature ( $^{\circ}$ C)	Dissolved Oxygen (mg/l)	Flow Rate	Notes
ST-3	Upper Whitmore below Hanging Rock - perennial	05/26/99 1215	8.6	550	12	12	1.8 cfs	no visible oil sheen; no samples taken for chemical analysis; site on baseline schedule
ST-4	Lower Bear - Ephemeral Site	05/17/99 1000					0	fairly recent small flow, no extreme events since last visit
ST-5	Below B and C Canyons Ephemeral Site	05/17/99 1115					0	Set up ISCO sampler and dialer
ST-6	C Canyon - Ephemeral - Below Mine Site	05/17/99 0920					0	site obliterated w/ construction; can't determine whether recent flow has occurred
ST-6a	C Canyon - Ephemeral - Above Mine Site	05/17/99 0900					0	no apparent flow since last visit - but could have been very minor snowmelt runoff through organic debris in channel bottom
ST-7	A Canyon - Ephemeral	05/17/99 1050					0	no sign of recent flow
ST-8	Whitmore Canyon above Water Canyon - perennial	05/26/99 1440	8.8	590	13.6	15.2	10.2 cfs	no visible oil sheen; no samples taken for chemical analysis; site on baseline schedule

007 041

**WEST RIDGE RESOURCES  
WATER MONITORING REPORT  
PERENNIAL, INTERMITTENT, AND EPHEMERAL STREAM SITES  
FIELD MEASUREMENTS**

Site #	Site Name	Date & Time	pH	Conductivity (µS)	Temperature (°C)	Dissolved Oxygen (mg/l)	Flow Rate	Notes
ST-3	Upper Whitmore below Hanging Rock - perennial	4/22/99 0930	8.7	579 (lab) NEEDED DATE 4-22-99 12:00	5	11	0.4 cfs	no visible oil sheen; samples taken for baseline chemical analysis, under baseline schedule
ST-4	Lower Bear - Ephemeral Site		1999 MONITORING WILL BEGIN IN MAY, UNDER OPERATIONAL SCHEDULE					
ST-5	Below B and C Canyons Ephemeral Site							
ST-6	C Canyon - Ephemeral - Below Mine Site							
ST-6a	C Canyon - Ephemeral - Above Mine Site							
ST-7	A Canyon - Ephemeral							
ST-8	Whitmore Canyon above Water Canyon - perennial	4/22/99 1030	8.6	676 (lab)	6	9	4.4 cfs	no visible oil sheen; samples taken for baseline chemical analysis, under baseline schedule

4-22-99  
12:00  
DJ

ADDED  
FOR  
APPX

007 041

**WEST RIDGE RESOURCES  
WATER MONITORING REPORT  
PERENNIAL, INTERMITTENT, AND EPHEMERAL STREAM SITES  
FIELD MEASUREMENTS**

Site #	Site Name	Date & Time	pH	Conductivity (µS)	Temperature (°C)	Dissolved Oxygen (mg/l)	Flow Rate	Notes
ST-3	Upper Whitmore below Hanging Rock - perennial	4/22/99 0930	8.7	579 (lab) NEEDED DATE 4-22-99 12:00	5	11	0.4 cfs	no visible oil sheen; samples taken for baseline chemical analysis, under baseline schedule
ST-4	Lower Bear - Ephemeral Site		1999 MONITORING WILL BEGIN IN MAY, UNDER OPERATIONAL SCHEDULE					
ST-5	Below B and C Canyons Ephemeral Site							
ST-6	C Canyon - Ephemeral - Below Mine Site							
ST-6a	C Canyon - Ephemeral - Above Mine Site							
ST-7	A Canyon - Ephemeral							
ST-8	Whitmore Canyon above Water Canyon - perennial	4/22/99 1030	8.6	676 (lab)	6	9	4.4 cfs	no visible oil sheen; samples taken for baseline chemical analysis, under baseline schedule

↑

4-22-99  
12:00  
DJ

ADDED  
FOR  
APPX