

Cazier - DNR, Tim <tim.cazier@state.co.us>

PRM Hansen Project Well Construction Reports

1 message

Bruce Smith <bsmith@westernwaterandland.com>

Fri, Sep 17, 2021 at 2:37 PM

To: "Cazier - DNR, Tim" <tim.cazier@state.co.us>

Cc: "Michael Rutter (mrutter@western-uranium.com)" <mrutter@western-uranium.com>

Hello Tim,

Good talking with you and Mike this afternoon concerning prospecting permit no. P-2009-025. . Please see the attached well construction reports for the five monitoring wells located on Middle Tallahassee Creek as installed by Black Range Minerals in the fall of 2013. If you require other information, please feel free to contact me.

Regards,

Bruce Smith

Bruce D. Smith, P.G.

Principal Hydrogeologist

Western Water & | and, Inc.

743 Horizon Ct. Suite 330

Grand Junction, CO 81506

Office: 970-242-0170 Mobile: 970-270-6216

5 attachments

DWR MW27-290 295839.pdf 252K

DWR_MW27-291_295840.pdf

DWR_MW27-292_295841.pdf 248K

DWR_MW27-293_295842.pdf

DWR_MW27-294_295843.pdf

1. WELL PERMIT NUMBER: S18585MH	FORM NO GWS-31		WELL CONST OF COLORADO				₹		For Of	fice Use O	nly
2. WELL OWNER INFORMATION NAME OF WELL OWNER: Black Range Minerals MAILING ADDRESS; 110 N. Rubey Dr. Ste 201 CITY: Golden STATE; CO ZIP CODE: 80403 TELEPHONE NUMBER wifare access code: (303) 279-4946 1. WELL LOCATION AS DRILLED: NW. 14, N.E. 14, Sec. 27 Twp.17 (*) for S. TELEPHONE NUMBER wifare access code: (303) 279-4946 1. WELL LOCATION AS DRILLED: NW. 14, N.E. 14, Sec. 27 Twp.17 (*) for S. TELEPHONE NUMBER: Wifare access code: (303) 279-4946 1. WELL LOCATION AS DRILLED: NW. 14, N.E. 14, Sec. 27 Twp.17 (*) for S. TELEPHONE NUMBER: Wifare access code: (303) 279-4946 1. WELL LOCATION AS DRILLED: NW. 14, N.E. 14, Sec. 27 Twp.17 (*) for S. The property of the section line and 2526 to for N. 10 (*) for S. SUBDIVISION: South T-Bar F6 LOT 102, BLOCK Owner's Well De(INIT) 5. Opening St. Location: GSP Unit must use the following settings: Format must be UTM. Units unate to enterine, Datum must be NADA3, unit must be set to true N. 2 one 12 or fer 12 one 13 TELEPHONE STREET ADDRESS AT WELL LOCATION. Mountain Meadows Trail AGOUND SUPPACE ELEVATION 3125 Set DATE COMPLETED 09/29/2013 TOTAL DEPTH 32 Set DEPTH COMPLETED 29 feet B. HOLE DIAM (in) From (t) To (t) Depth Type Grain Size Color Water Loc 3 7/8 0. 32 On 32 On (in) Hind Wall Size (in) From (t) To (t) Depth Type 1. PLAIN CASING: Depth Type 1. DisinFection Type NA 1. Well Elector Anti-Order St. 224 2. 2375 DYC. Distance St. 224 2. 2375 DYC. Distance St. 224 2. 2375 DYC. Distance St. 224 Depth Type 1. DisinFection Type NA 1. DisinFection Type NA 1. DisinFection Type NA 1. DisinFection Type NA 1. Distance St. 224 Depth Type Type Type Type Type Type Type Type Type				REC	EIVED	•					
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Form No. **GWS-25**

OFFICE OF THE STATE ENGINEER COLORADO DIVISION OF WATER RESOURCES 818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203

(303) 866-3581

1039

	WELL PER	MIT NUMBER	295839		
APPLICANT	DIV. 2	WD 12	DES. BASIN	MD	

Lot: 102 Block: Filing: 6 Subdiv: SOUTH T BAR

APPROVED WELL LOCATION

FREMONT COUNTY

NW 1/4 NE 1/4 Section 27 Township 17 S Range 73 W Sixth P.M.

DISTANCES FROM SECTION LINES

995 Ft. from North Section Line 2609 Ft. from East Section Line

UTM COORDINATES (Meters, Zone: 13, NAD83)

Northing: 4266332

Easting: 452762

(303) 279-4946

STE 201

110 N RUBEY DR

PERMIT TO USE AN EXISTING WELL

GOLDEN, CO 80403-

BLACK RANGE MATERIALS

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT **CONDITIONS OF APPROVAL**

- This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- Approved pursuant to CRS 37-92-602(3)(b)(l) for uses as described in CRS 37-92-602(1)(f). Use of this well is limited to monitoring water levels and/or water quality sampling.
- Approved for the use of an existing well acknowledged for construction under monitoring hole notice MH-51858, and known as MW-DG-1 (MW-27-290).
- This well must be equipped with a locking cap or seal to prevent well contamination or possible hazards as an open well. The well must be kept capped and locked at all times except during sampling or measuring.
- Records of water level measurements and water quality analyses shall be maintained by the well owner and submitted to the Division of Water Resources upon request.
- Upon conclusion of the monitoring program the well owner shall plug this well in accordance with Rule 16 of the Water Well Construction Rules. A Well Abandonment Report must be completed and submitted to the Division of Water Resources within 60 days of plugging.
- The owner shall mark the well in a conspicuous place with the well permit number and name of aquifer as appropriate, and shall take necessary means and precautions to preserve these markings.
- This well must have been constructed by or under the supervision of a licensed well driller or other authorized individual according to the Water Well Construction Rules.
- 10) This well must be located not more than 200 feet from the location specified on this permit.

NOTE: Issuance of this permit does not guarantee that this well can be converted to a production well under a future permit. Additionally, pursuant to Rule 14.2 of the Water Well Construction Rules (2 CCR 402-2), monitoring holes constructed pursuant to a monitoring hole notice shall not be converted to a production well. (Upon obtaining a permit from the State Engineer, a monitoring hole may be converted to a monitoring well, recovery well for remediation of the aquifer, or a dewatering system for dewatering the aquifer.)

NOTICE: This permit has been approved subject to the following changes: The distances from section lines were calculated from UTM coordinate values provided with the permit application. You are hereby notified that you have the right to appeal the issuance of this permit, by filing a written request with this office within sixty (60) days of the date of issuance, pursuant to the State Administrative Procedures Act. (See Section 24-4-104 through 106, C.R.S.)

APPROVED

Receipt No. 3666395A

SMJ

State Engineer

DATE ISSUED

09-30-2014

EXPIRATION

COLORADO D	IVISION OF V	WATER	RESOUR	RCES		Office Use Only		Form	n GW	S-46 (11/2011)
DEPARTMENT						,		<u> </u>		
					itsonline@state.co.us			TNI	EVE	IVED
MONITO	RING/C	DBSE	ERVA	MOIT	l .			Ø##	9 AV 6	9 0044
Water W	lell Peri	mit A	Applic	catio	า			3Er	' U 2	2 2014
Review instru	ctions on rev	erse sid	de prior t	o comple	eting form. ick or blue ink.			WATE	r e	SOURCES
1. Well Owr			o Onning	OI III DIA	ick of blue link.			אויע	"co	O
Name of well owner						6. Use Of Well				
Black Range	Minerals					Use of this well		_	wate	er levels
Mailing address	D Ct. 0	04				7 Well Data /ar	onocod)			
110 N. Rube	ey Dr. Ste 2				·	7. Well Data (pr	oposea)	Aquifer		
City		Sta		Zıp code		32	feet	Alluvium/Ttc		
Golden		C	_	80403		8. Consultant li	formation /i			
Telephone #			1	-	t is required)		iiomation (i	applicable)		
(303) 279-49					rangeminerals.ce	Name of contact person				
2. Type Of	Application	n (che	ck appli	icable b	oxes)	Company name				
☐ Use existing well ☐ Replacement for existing monitoring well:					Company name					
│ ■ Construct new well Permit no.:					Mailing address		· · · · · · · · · · · · · · · · · · ·			
3. Refer To (if applicable)						, and the second				
Monitoring hole ack		Jie)	Well name	e or #	···	City		State	Zip C	ode
MH- 51858	•		$ _{MW-D}$	G-1 (M	W-27-290)					
	Of Propos	sed W			See Instructions)	Telephone #				
County	<u> </u>									
Fremont			NM_	1/4 of	the NE 1/4	9. Proposed W				-
Section	Township f	N or S	Range	E or W	Principal Mendian	10. Name of We				
27	17	T X	73	F X	6th	The making of false degree, which is pur	nishable as a cla	ss 1 misdemean	or pur	suant to C.R.S.
Distance of well from	m section lines (se	ction lines	are typically	not property	/ lines)	24-4-104 (13)(a). 11 thereof and state that				the contents
993	Ft from X	NIS	2526		Ft from 🗷 E 🗆 W	Sign or enter full name her		1		Date (mm/dd/yyyy)
For replacement we				well to new	well	Patrick C. Siglin				09/02/2014
		feet			direction	If signing print name. Print	title if other than land	owner		<u> </u>
Well location addres	ss (include City, S	tate, Zıp)	Check	ıf well addre	ss is same as Item 1	Geologist				
South T-Bar	F6 Lot 102	2, Mou	ntain M	eadows	Trail, Fremont Co	Office Use Only	,			
Optional: GPS						USGS map name		DWR map no	Ts	urface elev
You must check Format must be UT		quirea sei	tungs as io	HOWS.		0000 map hame		DVIKINAPIIO		andos siov
Zone 12 or Z			Fastin	. AE27	6 0	DOEN	Receipt area	only		
Units must be Mete	rs		Eastin	9 <u>4527</u>	02	995N 2609E	1			
Datum must be NA	ND83		Northi	ng <u>4266</u>	332	a601C				
Unit must be set to	true north		Reme	mber to s	et Datum to NAD83					
Was GPS unit checked for above? YES										
5. Property Owner Information										
Name of property owner								٨		
Danny G. Sr	now					ļ	ransaction #	3666395	7	·
Mailing address						0	ster 9/2/201	4 9:53:31 /		
17090 Thou	sand Oaks	Drive					r ansac hon Tota REDU SARD	l: \$ 500.00 \$ 500.00		
City			State		Zıp Code	•	431.17143(1)	-₩.Y.Y.Y.		
Haymarket	lua lagras				•					
Telephone #	 					1	2	WD 12 BA_		
NA NA							DIV	WD BA_	^	MD
113/7						1				

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FORM NO.	l	F COLORADO				D		For Office Use C	nly
GWS-31 · 4/2012	13	313 Sherman St., Main (303) 866-							
		1	RECEIVE	D					
1. WELL PE	RMIT NUMBER:	51858-MH-	2957	340		·			
	WHER INFORMAT		1-]]	NOV 25 20'	13
	WELL OWNER: Bla					····	444	TER SHE	CES
	DDRESS: 110 N. F					00400	's	TER JOUR TATE ENGINE COLO.	ĔŔ
CITY: Gold		STATE			ZIP CODE:	80403		COEO.	
	NUMBER w/area			07	47	1	ml == 700		[27]
	ATION AS DRILLED								
	S FROM SEC. LINE							E or We	
i	ON: South T-Bar F						Oumar's	FILING (UNIT) Well Designat	ion: MW-DG-2
must be me	BPS Location: GPS eters, Datum must b	e NAD83, Unit	must be set t	o true N, 「	Zone 12 c	e UTM, Units or IFI Zone 1	3 Easting:	452762	
STREET A	DDRESS AT WELL	LOCATION: M	<u>Iountain Mea</u>	adows Trail			Northing	: 4266338	
4. GROUND S	SURFACE ELEVATI	ON <u>8125</u>	feet			METHOD M			
DATE COM	MPLETED 10/30/20	13 T	OTAL DEPTH	253		DEPTH COM	IPLETED 2	253 fee	
5. GEOLOGIC	LOG:			_[6. HOLE C	IAM (in.)	From		To (ft)
Depth	Туре	Grain Size	Color	Water Loc.	1		0	40	
0-10	alluvium	silt to bldr	dk brown		6.5		40	253	3
10-25	andesite	v. fine	purple to ca	15					
25-30	claystone	cly	orange	saturated	7. PLAIN	CASING:			
30-253	conglomerate	cly to bldr	multi	saturated	OD (in)	Kind	Wall Size (ir	n) From (ft)	, ,
					2.375	PVC	0.218	+3	-228
					2.375	PVC	0.218	-248	<u>-253</u>
				<u> </u>				_	
								Slot Size (in):	0.02
					2.375	PVC	0.218		<u>-248</u>
					 				.
								_ 	-
									
					8. FILTER	–	1 *** ***	KER PLACEME	
					Material	sand	Type	stainless ste	eel centraliza
					Size	10-20	-		
					Interval		Depth	250, 225,18	<u>5, 145, 105</u> ⊞
					10. GROU	TING RECO			
		<u> </u>			Material	Amount	Density	Interval	Placement
	ace 15 feet of pel p				<u>bentonita</u>			-208 to 193	
	e 4 batches of cen					28		-193 to -3	tremie
	nd, 33 lbs aqua ge	l gold seal, 6	1.25 gal wate	er, above n		_3	60 lbs b a	-3 to 0	gravity
11. DISINFEC	CTION: Type NA ST DATA: Check	k have if Took Da	ta io oubmitto	d on Form N	Amt. Us	ed S 30 Supples	ental Moli T	ect	
		K DOX II TESC DE	ata is submitte	a on ronn n	ulliber GVV	o og oupplen	IGIILAI VVGII I	651.	
TESTING ME	ETHOD					Danilar Cara D			
	ft. Da	te/Time measu	ired:			Production R	(ate	gpm.	
	elft. Da	te/Time measu	ired		, , , , , , , , , , , , , , , , , , ,	Test Length	(1112)	·	
Remarks:	d the statements mad	ie herein and br	ow the conten	ts thereof. ar	nd they are to	ue to my kno	wiedge. This	document is si	gned (or
name entered	d if filing online) and	certified in acco	ordance with R	tule 17.4 of th	e Water Wel	I Construction	า Rules, 2 CC	R 402-2. The fil	ling of a
document the	t contains false state ting license. If filing	ments is a viola	tion of section	37-91-108(1)	(e). C.R.S a	nd is punishal	ble bv fines u	ip to \$5000 and/	or revocation
Company Na		Ollina file 2f9f6	Linginioer CON	PIGOLO CITCUIT	Phon	e w/area cod	e:	License Numb	per:
Black Range	Minerals					279-4946		1039	
Mailing Addre	ess: 110 N. Rubey	Dr. Ste 201 (Golden, CO	80403					
	r name if filing online		Print Na	me and Title					Date
Patrick Coler		·	Patrick (Coleman Si	glin, Geolo	gist			11/24/2013

Form No. **GWS-25**

OFFICE OF THE STATE ENGINEER

COLORADO DIVISION OF WATER RESOURCES 818 Centennial Bidg., 1313 Sherman St., Denver, Colorado 80203

(303) 866-3581			
, ,			

WD 12

WELL PERMIT NUMBER

DIV 2

295840

DES BASIN

MD

APPLICANT

Lot: 102 Block: Filing: 6 Subdiv: SOUTH T BAR

APPROVED WELL LOCATION

FREMONT COUNTY

NW 1/4 NE 1/4 Section 27 Township 17 S Range 73 W Sixth P.M.

DISTANCES FROM SECTION LINES

975 Ft. from North Section Line 2610 Ft. from East Section Line

UTM COORDINATES (Meters, Zone: 13, NAD83)

4266338

Northing:

1039

Easting: 452762

PERMIT TO USE AN EXISTING WELL

GOLDEN, CO 80403-

110 N RUBEY DR

(303) 279-4946

STE 201

BLACK RANGE MATERIALS

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT **CONDITIONS OF APPROVAL**

- 1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- Approved pursuant to CRS 37-92-602(3)(b)(l) for uses as described in CRS 37-92-602(1)(f). Use of this well is limited to monitoring water levels and/or water quality sampling.
- Approved for the use of an existing well acknowledged for construction under monitoring hole notice MH-51858, and known as MW-DG-2(MW-27-291.
- This well must be equipped with a locking cap or seal to prevent well contamination or possible hazards as an open well. The well must be kept capped and locked at all times except during sampling or measuring.
- Records of water level measurements and water quality analyses shall be maintained by the well owner and submitted to 6) the Division of Water Resources upon request.
- Upon conclusion of the monitoring program the well owner shall plug this well in accordance with Rule 16 of the Water Well Construction Rules. A Well Abandonment Report must be completed and submitted to the Division of Water Resources within 60 days of plugging.
- The owner shall mark the well in a conspicuous place with the well permit number and name of aquifer as appropriate, 8) and shall take necessary means and precautions to preserve these markings.
- This well must have been constructed by or under the supervision of a licensed well driller or other authorized individual according to the Water Well Construction Rules.
- 10) This well must be located not more than 200 feet from the location specified on this permit.

NOTE: Issuance of this permit does not guarantee that this well can be converted to a production well under a future permit. Additionally, pursuant to Rule 14.2 of the Water Well Construction Rules (2 CCR 402-2), monitoring holes constructed pursuant to a monitoring hole notice shall not be converted to a production well. (Upon obtaining a permit from the State Engineer, a monitoring hole may be converted to a monitoring well, recovery well for remediation of the aguifer, or a dewatering system for dewatering the aquifer.)

NOTICE: This permit has been approved subject to the following changes: The distances from section lines were calculated from UTM coordinate values provided with the permit application. You are hereby notified that you have the right to appeal the issuance of this permit, by filing a written request with this office within sixty (60) days of the date of issuance, pursuant to the State Administrative Procedures Act. (See Section 24-4-104 through 106, C.R.S.)

APPROVED

Receipt No. 3666395B

SMJ

State Engineer

DATE ISSUED

09-30-2014

COLORADO DIVISION OF WATER				Office Use Only			Form G	GWS-46 (11/2011)
DEPARTMENT OF NATURAL RES 1313 SHERMAN ST., Ste 821, DE	IVER CO	80203				L	RF	CEIVED
Phone: (303) 866-3581 Fax: (303) MONITORING/OBS							1 116	
							SEP	0 2 2014
Water Well Permit	ide prior	to comple	eting form.				JL1	0 E 2017
The form must be typed, complete	ed online	or in bla	ck or blue ink.				WATE	RESOURCES E ENGINEER
1. Well Owner Information Name of well owner				6. Use Of Well				6959
Black Range Minerals				Use of this well and/or water qu			ring w	ater levels
Mailing address								
110 N. Rubey Dr. Ste 201		1 	,	7. Well Data (pro	oposea)	Aquifer		
3.7	tate	Zip code		253	feet	Ttc		
	O Temail	80403	t to top word)	8. Consultant Ir	formation (i	f applica	ble)	
Telephone # (303) 279-4946	1 '	•	rangeminerals.cer	Name of contact person				
2. Type Of Application (che								
			ing monitoring well:	Company name				
Construct now well	rmit no.:							
Other:				Mailing address				
3. Refer To (if applicable) Monitoring hole acknowledgment	Well nam	ne or#		City		State	Z	Lip Code
MH- 51858			W-27-291)	Talanhara #	··········	l		
4. Location Of Proposed V	/ell (lm	portant	See Instructions)	Telephone #				
Fremont	NW	1/4 of	the NE 1/4	9. Proposed We				
Section Township Nor S	Range	E or W	Principal Mendian	10. Name of We				
27 17	73	ÌĖΚ	6th	The making of false degree, which is pur 24-4-104 (13)(a).	ishable as a cla	ss 1 misde	emeanor	pursuant to C.R.S.
Distance of well from section lines (section lines		y not property	y lines) Ft from 🔀 E 🦳 W	thereof and state that Sign or enter full name her	at they are true to	my know	ledge.	Date (mm/dd/yyyy)
973 Ft from N S	2547			Patrick C. Siglin	•			09/02/2014
For replacement wells only – distance and dire	ction from o	a well to new	direction	If signing print name Print	title if other than land	owner		00/02/2011
Well location address (Include City, State, Zip)	Check	of well addre		Geologist				
South T-Bar F6, Lot 102, Mc					<i>I</i>			
Optional: GPS well location informatio				USGS map name		DWR map	200	Surface elev
You must check GPS unit for required s	ettings as r	ollows:		USGS map name		DVVK map		Gundos sist
Zone 12 or 🖲 Zone 13	Fasti	ng 4527	62	GM:EN)	Receipt area	only		•
Units must be Meters		-		975N 2610E				
Datum must be NAD83	North	ing <u>4266</u>	338	2610				
Unit must be set to true north Was GPS unit checked for above? YES		ember to s	et Datum to NAD83					
5. Property Owner Information				1				
Name of property owner				1				
Danny G. Snow				l r	rangaction#.	366	66395	B
Mailing address				l n	ate 9/2/201	4 95	3,31 AM	Ī
17090 Thousand Oaks Drive				i '	MINSACUOA TOTA REIDIT CARD	*, **	00 00	
City	State		Zip Code					
Haymarket								
Telephone #					DIV	WD	ВА	MD
NA								

FORM NO.	W	ELL CONST	RUCTION A	ND TEST F	REPORT		F	Only		
GWS-31	STATE O	₹		RECEIVE	ED.					
4/2012	13	13 Sherman St. Main (303) 866-	3581 Fax (303)	w.water.state	.co.us		NLOLI			
1. WELL PE	RMIT NUMBER:	54057-MH+	29	5841			7	NOV 25 2	N13	
	VNER INFORMAT						7	_	•	
NAME OF V	WELL OWNER: Bla	ck Range Mir	nerals				_\	;	RCES EFP	
MAILING A	DDRESS: 110 N. R	lubey Dr. Ste	201					•		
CITY: Gold			E: CO		ZIP CODE: 8	30403				
TELEPHONE	NUMBER w/area	code: (303) 2	279-4946							
3. WELL LOCA	ATION AS DRILLED	NE 1/4, N	W_ 1/4, Se	ec., 277	rwp.17 []	N or S,	⊠ Range 73	_ 🗖 E o	r W 🖭	
DISTANCE	S FROM SEC. LINE	s: <u>230</u>	ft. from 🔯	N or S s	ection line a	nd <u>1870</u>	ft. from [] E or 区Ws	ection line.	
SUBDIVISION	ON: South T-Bar F	6			, LOT_1	<u>02</u> , BLC	OCK F	ILING (UNIT)	6	
Optional G	PS Location: GPS eters, Datum must b	Unit must use e NAD83, Unit	the following s t must be set t	settings: For	mat must be	UTM, Unit	S	Nell Designat 152484	ion: <u>MW-F-1</u>	
4	DDRESS AT WELL							4266558		
	SURFACE ELEVATION			······································	DRILLING N	METHOD A				
í	PLETED 09/27/20		OTAL DEPTH	26			MPLETED 22	fee	t	
5. GEOLOGIC		<u>'Y</u>	<u> </u>		6. HOLE D		From		To (ft)	
Depth	Туре	Grain Size	Color	Water Loc.	· · · · · · · · · · · · · · · · · · ·		0	26		
0-12	alluvium	silt to bldr	bm							
	andesite breccia		grey purple	16.5						
					7. PLAIN C	ASING:				
					OD (in)	Kind	Wall Size (in	From (ft)	To (ft)	
					2.375	PVC	0.154	+3	<u>-17</u>	
			<u> </u>					. 		
							NG: Screen S			
					2.375	PVC	0.154	<u>-17</u>	-22	
			 							
		ļ	<u> </u>	 	 					
		-			<u> </u>					
			 		8. FILTER			ER PLACEM	in (:	
			 	 	Material	sand	Type .			
			 -	 	Size					
			 	 	Interval	-22 to -1				
			 	 	10. GROUT			-to a sol	Discoment	
			l	L	Material bentonite		•	nterval	Placement gravity	
	nular seal above s	and of nyoral	tea pentonite	chips to	cement				gravity	
3 feet bas					Comon	<u> </u>	<u> </u>	-0100	DIGVILY	
44 DICINITIO	TION. Time MA				Amt. Us					
12. WELL TES	TION: Type NA	box if Test Da	ata is submitte	d on Form N	lumber GWS	39 Supple	mental Well Te	est.		
TESTING ME										
		te/Time measu				Production	Rate	gpm.		
Pumpina Leve	Static Levelft. Date/Time measured:, Production Rategpm. Pumping Levelft. Date/Time measured, Test Length (hrs)									
Remarks:										
name entered	d the statements mad I if filing online) and	certified in acc	ordance with F	Rule 17.4 of th	ie Water Well	Constructi	on Rules, 2 CCR	l 402-2. The fi	ling of a	
document that	t contains false stater ting license. If filing	mente is a vinia	tion of section	37-91-108(1)	(e). C.R.S ar	ıd is punish	able by fines up	to \$5000 and/	or revocation	
Company Nar		omine the State	cngineer cons	PINALS BUIGHT	Phone	w/area co	de.	License Numl	per:	
Black Range						279-4946		039		
Mailing Addre	ess: 110 N. Rubey	Dr. Ste 201 (Golden, CO	80403						
Sign (or enter	name if filing online	<u>- ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;</u>	Print Na	me and Title			· · · · · · · · · · · · · · · · · · ·		Date	
Patrick Coler			Patrick (Coleman Si	glin, Geolo	gist			11/24/2013	

Form No. GWS-25

OFFICE OF THE STATE ENGINEER

COLORADO DIVISION OF WATER RESOURCES 818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203

DIV. 2

(303) 866-3581

1039

WELL PERMIT NUMB	BER	ľ
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295841

DES. BASIN

MD

APPLICANT

Lot: 102 Block: Filing: 6 Subdiv: SOUTH T BAR

WD 12

APPROVED WELL LOCATION

FREMONT COUNTY

NE 1/4 NW 1/4 Section 27 Township 17 S Range 73 W Sixth P.M.

DISTANCES FROM SECTION LINES

264 Ft. from North Section Line 1857 Ft. from West Section Line

UTM COORDINATES (Meters, Zone: 13, NAD83)

Easting: 452464

Northing: 4266558

GOLDEN, CO 80403-

(303) 279-4946

110 N RUBEY DR

STE 201

PERMIT TO USE AN EXISTING WELL

BLACK RANGE MATERIALS

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT CONDITIONS OF APPROVAL

- 1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- 2) The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- 3) Approved pursuant to CRS 37-92-602(3)(b)(l) for uses as described in CRS 37-92-602(1)(f). Use of this well is limited to monitoring water levels and/or water quality sampling.
- 4) Approved for the use of an existing well acknowledged for construction under monitoring hole notice MH-51857, and known as MW-F-1 (MW-27-292).
- 5) This well must be equipped with a locking cap or seal to prevent well contamination or possible hazards as an open well.

 The well must be kept capped and locked at all times except during sampling or measuring.
- 6) Records of water level measurements and water quality analyses shall be maintained by the well owner and submitted to the Division of Water Resources upon request.
- 7) Upon conclusion of the monitoring program the well owner shall plug this well in accordance with Rule 16 of the Water Well Construction Rules. A Well Abandonment Report must be completed and submitted to the Division of Water Resources within 60 days of plugging.
- 8) The owner shall mark the well in a conspicuous place with the well permit number and name of aquifer as appropriate, and shall take necessary means and precautions to preserve these markings.
- 9) This well must have been constructed by or under the supervision of a licensed well driller or other authorized individual according to the Water Well Construction Rules.
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NOTICE: This permit has been approved subject to the following changes: The distances from section lines were calculated from UTM coordinate values provided with the permit application. You are hereby notified that you have the right to appeal the issuance of this permit, by filing a written request with this office within sixty (60) days of the date of issuance, pursuant to the State Administrative Procedures Act. (See Section 24-4-104 through 106, C.R.S.)

APPROVED

Receipt No. 36663950

SMJ

State Enginee

DATE ISSUED

09-30-2014

EXPIRATION DATE

•								
COLORADO DIVISION OF WATE DEPARTMENT OF NATURAL RE		_		Office Use Only		F	orm GW	(S-46 (11/2011)
1313 SHERMAN ST., Ste 821, DE								CEIVEU
Phone: (303) 866-3581 Fax: (303	866-222	dwrperm						
MONITORING/OBS	ERV	ATION	J	Þ			SEF	022014
Water Well Permit	Appli	catio	n					- BESOURCES
Review instructions on reverse s	ide prior	to compl	eting form.				MAT.	HE ENGINEER
The form must be typed, comple	ed online	or in bia	ick or blue ink.					9020
1. Well Owner Information Name of well owner				6. Use Of Well				
							4	
Black Range Minerals				Use of this wel and/or water qu			ng wat	er ieveis
Mailing address				anu/or water qu	ianty Sampin	ny		
110 N. Rubey Dr. Ste 201				7. Well Data (pr	oposed)			
City	tate	Zıp code		Total depth		Aquifer		
Golden	0	80403		22	feet	Alluvium/1	⁻ tml	
Telephone #			it is required)	8. Consultant i	nformation (i	f applicable	e)	
(303) 279-4946	1	-	rangeminerals.cer	Name of contact person				
2. Type Of Application (ch	J							
				Company name				
☐ Use existing well ☐ Re	placemer	it for exist	ing monitoring well:					
Other:	rmit no.:			Mailing address				
3. Refer To (if applicable)								
Monitoring hole acknowledgment	Well nan	ne or #		City		State	Zip (Code
MH- 51857	MW-F	-1 (MW	'-27-292)					
4. Location Of Proposed V			<u></u>	Telephone #				
County	T (50. ca						
Fremont	NE	1/4 of	the NW 1/4	9. Proposed W				
Section Township N or S	Range	E or W	Principal Meridian	10. Name of We				
27 17 F	73	L lx	6th	The making of false degree, which is put				
			- Luncol	24-4-104 (13)(a). I	have read the sta	atements here	ein, know	the contents
Distance of well from section lines (section lines)	,	y not propert	Ft from EXW	thereof and state the Sign or enter full name her		my knowled	ge.	Date (mm/dd/yyyy)
230	1870	t well to new		Patrick C. Siglin				09/02/2014
For replacement wells only distance and dire	CROU ILOU OR	1 Mell (O LIEM	direction	If signing print name Prin	Add of other than land	awaa.		03/02/2014
feet					tuge ii other than land	OWITE		
Well location address (Include City, State, Zip			<u>-</u>	Geologist				
South T-Bar F6, Lot 102, Mc			s Irali, Freillont 🙀	Office Use Only	y			
Optional: GPS well location information You must check GPS unit for required s				USGS map name	-	DWR map no.) s	Surface elev
Format must be UTM								
Zone 12 or 📻 Zone 13	Easti	ng 4524	84	264 N	Receipt area	only		
Units must be Meters				264 N 1857W				
Datum must be NAD83	North	ing <u>4266</u>	5558	(60) 00				
Unit must be set to true north	Rem	ember to s	et Datum to NAD83					
Was GPS unit checked for above?								
5. Property Owner Informa	tion							
Name of property owner								
Danny G. Snow						n. m. st. st. st.	(_
Mailing address					ansaction# ate 9/2/2014	36663 9,5313	DAM 1	
17090 Thousand Oaks Drive	!				ale 9/7/2014 ansaction Total	\$500.0	10	
City	State		Zıp Code		REDIT (ARD	\$500 (10	
	VA		20169					
Haymarket			20100]				
Tolophono #								
Telephone #					DIV	WD B	۹ ۱	MD

FORM NO.		ELL CONSTI						For Office Use C)nly
GWS-31 STATE OF COLORADO, OFFICE OF THE STATE ENGINEER									ŀ
4/2012	RECE	IVED							
1 WELL DE	DMIT MIMDED.	1	,						
	RMIT NUMBER: _ VNER INFORMAT		295	010			1	NOV 2	5 2013
	WELL OWNER: Bla		arale						2 5013
							1		;
	DDRESS: 110 N. R				TID 0005	00400	1	· · ·	
CITY: Gold		STATE			ZIP CODE:	00403	1		
	NUMBER w/area			07	17 —				
	ATION AS DRILLED								
	S FROM SEC. LINE								
l .	ON: South T-Bar F						O	FILING (UNIT) Well Designati	ion: MW-E-2
Optional G must be me	PS Location: GPS ters, Datum must be	Unit must use t e NAD83 , Unit	the following s must be set t	ettings: For o true N,	mat must be Zone 12 c	uTM, Units or∭ Zone 1	P* 41	452474	
STREET A	DDRESS AT WELL	LOCATION: M	lountain Mea	adows Trail			Northing	: 4266555	
	SURFACE ELEVATION					METHOD M	ud Rotary		
í	MPLETED 10/15/20		OTAL DEPTH	680			PLETED 6	50 fee	t
5. GEOLOGIC						IAM (in.)			To (ft)
Depth	Туре	Grain Size	Color	Water Loc.	· -		0	40	
0-25	alluvium	silt to bldr	brown	15			40	680	
			green	saturated	3 110		40		<u> </u>
	claystone	cly to bidr	multi		7. PLAIN C	A CINIO			
30-335 335-660	conglomerate sandy mudstone				1		MAIN Olma III	-) Frank (#)	T- (4)
	muddy sandstone	clay to med	green/grey	saturated	OD (in) 3.5	Kind	Wall Size (ir		To (ft) -605
660-680	muody sandston	CIAY TO VEL C	Glegingley	Saturatou		PVC	0.3	-645	<u>-650</u>
					3.5	PVC	0.3	-045	-050
				<u> </u>			·	 	
								2144 01-2 (1-1)	0.02
					1			Slot Size (in):	0.02
					3.5	PVC	0.3	<u>-605</u>	<u>-645</u>

									•
					8. FILTER			KER PLACEME	
ļi					Material	sand	Type	stainless ste	el centraliza
					Size		-		
				ļ	Interval	-650 to - 5	Depth	648, 600	
					10. GROU	TING RECO	RD		
				<u> </u>	Material	Amount	Density	Interval	Placement
Remarks: Tre	mie 15 feet of pel	plug time rele	ase bentoni	te above	bentonita	8	50 lbs b	-575 to -5€	tremie
	ie 18 batches of ce				cement	126	94 lbs ba	-560 to -3	tremie
	nd, 33 lbs aqua ge				concrete	3	50 ibs ba	-3 to 0	gravity
11. DISINFEC	TION: Type NA				Amt. Us	ed			
12. WELL TES	ST DATA: 🔳 Check	box if Test Da	ita is submitte	d on Form N	lumber GWS	S 39 Supplen	nental Well T	est.	
TESTING ME		ha (Thar				Draduation 5	loto.		
	ft. Dat					Production P	(bre)	gpm.	
	elft. Dat	te/ i ime measu	red			rest Length	(hrs)		
Remarks.	d the statements mad	e herein and kn	ow the conten	ts thereof ar	d they are tr	ue to my kno	wledge. This	document is si	aned (or
name entered	I if filing online) and	certified in acco	ordance with R	tule 17.4 of th 37-91-108(1)	ie Water Well (e), C.R.S., ai	l Construction nd is punisha	n Rules, 2 CC bie by fines u	R 402-2. The fill p to \$5000 and/	ing of a or revocation
of the contrac	ting license. If filing o	online the State	Engineer cons	siders enterir	g of licensed	contractor r	ame to be co	mpliance with I	Rule 17.4
Company Na						e w/area cod 279-4946		License Numb 1039	per:
Black Range					(303)	210-4040		,000	
Mailing Addre	ess [.] 110 N. Rubey I	Dr. Ste 201, C	Golden, CO	30403					D-4-
	name if filing online)		me and Title Coleman Si		niet			Date 11/24/2013
Patrick Coler	nan Sigiin		Trautick (JOIGHIAH SI	giiri, Geold	3131			

Form No. **GWS-25**

OFFICE OF THE STATE ENGINEER

COLORADO DIVISION OF WATER RESOURCES 818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203

(303) 866-3581

BLACK RANGE MATERIALS

WEL	L P	ERM	IT NI	JMBER

295842

DIV. 2 WD 12

DES. BASIN

MD

APPLICANT

6 Subdiv: SOUTH T BAR Lot: 102 Block: Filing:

APPROVED WELL LOCATION

FREMONT COUNTY

1/4 NW 1/4 Section 27 Township 17 S Range 73 W Sixth P.M.

DISTANCES FROM SECTION LINES

274 Ft. from North Section Line Section Line

1825 Ft. from West

Easting: 452474

UTM COORDINATES (Meters, Zone: 13, NAD83) Northing: 4266555

1039

(303) 279-4946 PERMIT TO USE AN EXISTING WELL

GOLDEN, CO 80403-

110 N RUBEY DR

STE 201

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT CONDITIONS OF APPROVAL

- This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit 1) does not ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- Approved pursuant to CRS 37-92-602(3)(b)(l) for uses as described in CRS 37-92-602(1)(f). Use of this well is limited to monitoring water levels and/or water quality sampling.
- Approved for the use of an existing well acknowledged for construction under monitoring hole notice MH-51857, and known as MW-F-2(MW-27-293).
- This well must be equipped with a locking cap or seal to prevent well contamination or possible hazards as an open well. The well must be kept capped and locked at all times except during sampling or measuring.
- Records of water level measurements and water quality analyses shall be maintained by the well owner and submitted to the Division of Water Resources upon request.
- Upon conclusion of the monitoring program the well owner shall plug this well in accordance with Rule 16 of the Water Well Construction Rules. A Well Abandonment Report must be completed and submitted to the Division of Water Resources within 60 days of plugging.
- The owner shall mark the well in a conspicuous place with the well permit number and name of aquifer as appropriate, and shall take necessary means and precautions to preserve these markings.
- This well must have been constructed by or under the supervision of a licensed well driller or other authorized individual according to the Water Well Construction Rules.
- 10) This well must be located not more than 200 feet from the location specified on this permit.

NOTE: Issuance of this permit does not guarantee that this well can be converted to a production well under a future permit. Additionally, pursuant to Rule 14.2 of the Water Well Construction Rules (2 CCR 402-2), monitoring holes constructed pursuant to a monitoring hole notice shall not be converted to a production well. (Upon obtaining a permit from the State Engineer, a monitoring hole may be converted to a monitoring well, recovery well for remediation of the aquifer, or a dewatering system for dewatering the aquifer.)

NOTICE: This permit has been approved subject to the following changes: The distances from section lines were calculated from UTM coordinate values provided with the permit application. You are hereby notified that you have the right to appeal the issuance of this permit, by filing a written request with this office within sixty (60) days of the date of issuance. pursuant to the State Administrative Procedures Act. (See Section 24-4-104 through 106, C.R.S.)

APPROVED

Receipt No. 3666395D

SMJ

State Engineer

DATE ISSUED

09-30-2014

EXPIRATIÓN D

COLORADO DIVISION OF WATER DEPARTMENT OF NATURAL RES 1313 SHERMAN ST., Ste 821, DEP	OURCES	30203	conline@state co us	Office Use Only			GWS-46 (11/2011)			
Phone: (303) 866-3581 Fax: (303) MONITORING/OBS			somme@state.co.us			ceb	0 2 2014			
Water Well Permit	Applica	ation								
Review instructions on reverse s The form must be typed, complet	de prior to ed online o	complet or in blac	ing form. k or blue ink.			WATE	R RESOURCES TE ENGINEER			
1. Well Owner Information				- Coro						
Name of well owner				6. Use Of Well						
Black Range Minerals				Use of this wel and/or water q			water levels			
110 N. Rubey Dr. Ste 201				7. Weil Data (p	roposed)					
	ate	Zıp code		Total depth		Aquifer				
· ·	0 8	80403		650	feet	Тер				
Telephone #	s required)	8. Consultant l	nformation (i	f applicable)						
(303) 279-4946	psialin@	oblackr	angeminerals.ce	Name of contact person						
2. Type Of Application (che										
			g monitoring well:	Company name						
Construct now well	mit no.:		•							
☐ Other:				Mailing address						
3. Refer To (if applicable)				City		State	Zıp Code			
Monitoring hole acknowledgment	Well name			City		Otato				
мн- 51857	-		27-293)	Telephone #						
4. Location Of Proposed V	ell (Impo	ortant!	See Instructions)				_ }			
1	NE	1/4 of th	e NW 1/4	9. Proposed W	ell Driller Lic	ense #(optior	nal):			
Fremont Section Township Nor S	Range	E or W	Principal Mendian	10. Name of W	ell Owner or	Authorized A	\gent			
27 17 F. 🗵	73	Γ [¥	6th	24-4-104 (13)(a).	inishable as a cla have read the sta	ss 1 misdemean atements herein,	or pursuant to C.R.S.			
Distance of well from section lines (section lines		not property l	Ft from EXW	thereof and state the Sign or enter full name he	nat they are true to	o my knowledge.	Date (mm/dd/yyyy)			
1295	1837			Patrick C. Siglin			09/02/2014			
For replacement wells only - distance and dire	ction from old w	well to new w	direction	If signing print name. Pri		owner				
feet	Chock if	f well address		Geologist	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Well location address (Include City, State, Zip) South T-Bar F6, Lot 102, Mc					lv.					
Optional: GPS well location informatio					'y					
You must check GPS unit for required s	ettings as foll	lows.		USGS map name		DWR map no	Surface elev			
Format must be UTM Tone 12 or Tone 13	j		.,	0000	Receipt area	only	_1			
Units must be Meters	Easting	45247	4	274 N	-					
Datum must be NAD83	Northin	19 <u>4266</u>	555	1825 W						
Unit must be set to true north	B	mbor to co	et Datum to NAD83							
Was GPS unit checked for above? YES	Kenter	inber to se	t Datum to NADOS							
5. Property Owner Informa	ition									
Name of property owner							<u> </u>			
Danny G. Snow				_	Trensaction#	36 66395	\mathcal{D}			
Mailing address					rransaction# Date 9/2/201	4 9:53:31 /				
17090 Thousand Oaks Drive)				Transaction Total					
City	State		Zıp Code		CREDII CARD	5 500 00				
Haymarket	VA		20169							
Telephone #				7	DIV	WD BA _	MD			
NA										

Best Copy Available

FORM NO GWS-31 4/2012	STATE C	WELL CONSTRUCTION AND TEST REPORT STATE OF COLORADO, OFFICE OF THE STATE ENGINEER 1313 Sherman St., Ste 821, Denver, CO 80203 Main (303) 866-3581 Fax (303) 866-3589 www.water.state.co.us						For Office Use Only				
1. WELL PERMIT NUMBER: 51857-MH 295843 2. WELL OWNER INFORMATION							RECEIVED					
NAME OF WELL OWNER: Black Range Minerals							NOV 25 2013					
					ZIP CODE: 8	0403	WATE STA	WATER JURCES STATE ENGINEER COLO.				
	IE NUMBER w/area						<u> </u>					
DISTANC	CATION AS DRILLE! ES FROM SEC. LINI SION: South T-Bar GPS Location: GPS	s: <u>262</u> 6	ft. from 区。	N or S s	ection line ar	nd <u>1870</u> 02 , BLC	ft. from C OCK F Owner's V	】E or 区W sellLING (UNIT) Well Designation	ection line. 6 on: <u>MW-F-3</u>			
must be n	neters, Datum must to ADDRESS AT WELL	e NAD83, Unit	must be set to	o true N,	Zone 12 or	/ Zone	13	152483 4266567	·			
				300110 110		AETHOD M		4200001				
1	SURFACE ELEVATION OF THE STATE		1881 DTAL DEPTH	300			HOD Mud Rotary TH COMPLETED 287 feet					
5. GEOLOG	MPLETED 10/26/20	/13	O INE DEFIII		6. HOLE DI				To (ft)			
· · · · · · · · · · · · · · · · · · ·		Grain Size	Color	Water Loc.		/11.11	0	40				
Depth 0-10	Type alluvium	silt to bldr	brn to ora		6.5		40	300				
10-25	andesite	v. fine grain			0.0		. +0					
25-30		cly	grey green		7 DI AIN C	ASING:						
30-300	claystone	cly to bldr	multi	saturated	OD (in)		Wall Size (in)) From (ft)	To (ft)			
30-300	conglomerate	Cly to bidi	maia	Saturated	2.375	Kind PVC	0.218	+3	-262			
	 				2.375	PVC	0.218	<u>-282</u>	-287			
		ļ <u> </u>			1		NG: Screen S					
				!	2.375	PVC	0.218	<u>-262</u>	-282			
ļ					0 511 750	DA 014	DA DAGU	ER PLACEME	MT.			
<u> </u>					8. FILTER			stainless ste				
<u></u>				<u> </u>	Material	sand 10-20	Type .	Stall liess Ste	ei ceimanze			
		 			Size			286, 260, 22	0 190 140-			
				 	interval			200, 200, 22	U, 10U, 14U			
		 			1	Amount		nterval	Placement			
-	None de fact of a la	l	l hantarita	L above	bentonita		•	-242 to -22				
	lace 15 feet of pel i				cement		94 lbs ba					
	nie 4 batches of cer								tremie gravity			
	and, 33 lbs aqua qe	el gold seal, 6	1.25 qai wate	er, aboven			60 lbs b	-3 10 0	gravity			
11. DISINFE 12. <u>WELL T</u>	EST DATA: Chec	k box if Test Da	ita is submitte	d on Form N	Amt, Use lumber GWS	39 Supple	mental Well Te	est.				
TESTING	METHOD											
	l ft. Da	ite/Time measu	red:		, F	Production I	Rate	gpm.				
	evelft. Da	ite/Time measu	red		, 7	Fest Length	(hrs)	·				
Remarks				4-45	al abassa		avelades This	dooument to al	anod for			
name enter	ead the statements ma ed if filing online) and hat contains false state	certified in acc	ordance with R	tule 17.4 of th 37-91-108(1)	ne Water Well (e). C.R.S an	Construction d is punish:	on Rules, 2 CCR able by fines up	(402-2. The fill to \$5000 and/	ing of a or revocation			
of the contra	acting license. If filing	online the State	Engineer cons	siders enterir	ng of licensed	contractor	name to be con	npliance with R	ule 17.4			
Company N					Phone	w/area cod 279-4946	de.	License Numb 1039	er: 			
Mailing Ada	iress: 110 N. Rubey	Dr. Ste 201 (Golden, CO	80403								
Sign (or ent	ter name if filing online	<u> </u>	Print Nai	me and Title					Date 4/2012			
Patrick Col	eman Siglin	•			glin, Geolog	gist		1	1/24/2013			

Form No. GWS-25

OFFICE OF THE STATE ENGINEER

COLORADO DIVISION OF WATER RESOURCES 818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203

(303) 866-3581

1039

APP	LICAN	١T

 WELL PERMIT NUMBER
 295843

 DIV. 2
 WD 12
 DES. BASIN
 MD

Lot: 102 Block: 6 Filing: Subdiv: SOUTH T BAR

APPROVED WELL LOCATION

FREMONT COUNTY

NE 1/4 NW 1/4 Section 27 Township 17 S Range 73 W Sixth P.M.

DISTANCES FROM SECTION LINES

235 Ft. from North Section Line 1853 Ft. from West Section Line

UTM COORDINATES (Meters, Zone: 13, NAD83)

Easting: 452483

Northing: 4266567

(303) 279-4946
PERMIT TO USE AN EXISTING WELL

GOLDEN, CO 80403-

110 N RUBEY DR

STE 201

BLACK RANGE MATERIALS

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT CONDITIONS OF APPROVAL

- 1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- 2) The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- 3) Approved pursuant to CRS 37-92-602(3)(b)(I) for uses as described in CRS 37-92-602(1)(f). Use of this well is limited to monitoring water levels and/or water quality sampling.
- Approved for the use of an existing well acknowledged for construction under monitoring hole notice MH-51857, and known as MW-F-3 (MW-27-294).
- 5) This well must be equipped with a locking cap or seal to prevent well contamination or possible hazards as an open well.

 The well must be kept capped and locked at all times except during sampling or measuring.
- 6) Records of water level measurements and water quality analyses shall be maintained by the well owner and submitted to the Division of Water Resources upon request.
- 7) Upon conclusion of the monitoring program the well owner shall plug this well in accordance with Rule 16 of the Water Well Construction Rules. A Well Abandonment Report must be completed and submitted to the Division of Water Resources within 60 days of plugging.
- 8) The owner shall mark the well in a conspicuous place with the well permit number and name of aquifer as appropriate, and shall take necessary means and precautions to preserve these markings.
- 9) This well must have been constructed by or under the supervision of a licensed well driller or other authorized individual according to the Water Well Construction Rules.
- 10) This well must be located not more than 200 feet from the location specified on this permit.

NOTE: Issuance of this permit does not guarantee that this well can be converted to a production well under a future permit. Additionally, pursuant to Rule 14.2 of the Water Well Construction Rules (2 CCR 402-2), monitoring holes constructed pursuant to a monitoring hole notice shall not be converted to a production well. (Upon obtaining a permit from the State Engineer, a monitoring hole may be converted to a monitoring well, recovery well for remediation of the aquifer, or a dewatering system for dewatering the aquifer.)

NOTICE: This permit has been approved subject to the following changes: The distances from section lines were calculated from UTM coordinate values provided with the permit application. You are hereby notified that you have the right to appeal the issuance of this permit, by filing a written request with this office within sixty (60) days of the date of issuance, pursuant to the State Administrative Procedures Act. (See Section 24-4-104 through 106, C.R.S.)

APPROVED

Receipt No. 3666395E

SMJ

State Engineer

DATE ISSUED

09-30-2014

EXPIRATION DATE

COLORADO DIVISION OF WATE DEPARTMENT OF NATURAL RE	Office Use Only				Form 546 (11/2011)							
1313 SHERMAN ST., Ste 821, DE Phone: (303) 866-3581 Fax: (303) MONITORING/OBS	SEP 0 2 2014					2 2014						
								WAIE	R RE	SOURCES NGINEER		
Water Well Permit Review Instructions on reverse								STAT	CC	IO MGHAEEK		
The form must be typed, comple	ted online	or in bla	ack or blue ink.									
1. Well Owner Information												
Name of well owner				6. Use Of Well								
Black Range Minerals Mailing address						Use of this well is limited to monitoring water levels and/or water quality sampling						
110 N. Rubey Dr. Ste 201				7. Well Data (proposed) Total depth Aguifer								
City	State	Zıp code			feet	Aquifer						
Golden	co	80403		287			Ttc					
Telephone #	E-Mail (h	f filing online	8. Consultan	t In	formation (if applical	ole)					
(303) 279-4946	psiglir	n@black	krangeminerals.cer	Name of contact perso	on							
2. Type Of Application (ch	eck app	licable b	ooxes)	<u> </u>								
Construct new well	-,-	nt for exist	ing monitoring well:	Company name								
Other:	ermit no.:			Mailing address								
3. Refer To (if applicable)												
Monitoring hole acknowledgment	Well nan	ne or#	City	State	7	de						
мн- 51857	MW-F	-3 (MW		<u> </u>								
4. Location Of Proposed	Vell (Im	portant	! See Instructions)	Telephone #			,			:		
County	9. Proposed Well Driller License #(optional):											
Fremont Section Township N or S	NE Range	1/4 of	the NW 1/4 Principal Mendian	10. Name of Well Owner or Authorized Agent								
27 17 T X	73	L E	6th	The making of false statements herein constitutes perjury in the second degree, which is punishable as a class 1 misdemeanor pursuant to C.R.S.								
Distance of well from section lines (section lin	24-4-104 (13)(a). I have read the statements herein, know the contents thereof and state that they are true to my knowledge.											
262 Ft. from X N	S 1870		Ft from FE 🗷 W	Sign or enter full name here Date (mm/dd/yyyy)								
For replacement wells only - distance and dis	Patrick C. Siglin 09/02/2014											
feet	If signing print name Print title if other than land owner											
Well location address (Include City, State, Zip	Geologist											
South T-Bar F6, Lot 102, Me	Office Use Only											
Optional: GPS well location information You must check GPS unit for required:				USGS map name DWR map no					Surface elev			
Format must be UTM	setungs as n	Ollows.		- Soco map manne				-				
Zone 12 or Zone 13	Easti	ng 4524	2251		Receipt area	only		-				
Units must be Meters	Casu	119 4324	03	2351								
Datum must be NAD83	North	ing <u>4266</u>	1853 W									
Unit must be set to true north	Remi	ember to s										
Was GPS unit checked for above?												
5. Property Owner Information												
Name of property owner					,	_						
Danny G. Snow		Tra	nsaction#	3666		_						
Mailing address		Oat	80 A20 A20 A20 A		31 AM 100							
17090 Thousand Oaks Drive		.,	EDI' GARD	\$ 50(
City	State		Zip Code 20169		•							
Haymarket	VA											
Telephone #	1		DIV	WD	ВА	М	D					
NA			٠,٠٠			'*'						