

Report Date: 10/16/2018

**Bedrock Aquifer Evaluation Determination Tool**

**Denver Basin Aquifer - Specific Location Determination Tool**

**Applicant:** Crestone - Haley 32-22  
(API 123-19719)

**Receipt No:**

**Evaluated By:**

**Location:** SW 1/4 of NE 1/4 of Sec. 22, T.2N, R.68W. ( 1980 NSL, 1963 ESL)

**Basin Designation:** Location is within the UNKNOWN Designated Ground Water Basin.

**Ground Surface Elevation:** 4952 Feet      **Number of Acres:** 160

Warning! The depth intervals estimated in this area may vary from actual conditions due to lack of data and/or structural complexity.

Aquifer	Elevation (ft)		Net Sand	DEPTH (ft)		ANNUAL APRPROP. (A-F)	STATUS
	Bot	Top		Bot	Top		
Upper Dawson	--	--	--	--	--	--	--
Lower Dawson	--	--	--	--	--	--	--
Denver	--	--	--	--	--	--	--
Upper Arapahoe	--	--	--	--	--	--	--
Lower Arapahoe	--	--	--	--	--	--	--
Laramie-Fox Hills	4675	4897	144.1	277	55	34.59	NNT

NOTE: 'E' indicates a location is at an aquifer boundary and the values may be more approximate.

**Plug and Abandon Surface Casing Check**

Operator	Crestone		
API or Doc #	Haley 32-22 (API 123-19719)		
SB5 Base of Fox Hills	277-55'	L-FH	
Deepest Water Well Within One Mile / number of wells	424'	/	38
Deepest Water Well Within Two Miles / number of wells		/	
Sussex / Shannon Production within one mile	Y	/	Y
Operator Existing Surface Casing Depth	567'		
Production Casing to be pulled	2000'		

# Water Wells Selected From Map

## Filter Results by Depth

WELL DESCRIPTION	LOCATION	WELL INFORMATION		
		Depth	Top Perf	Bottom Perf    Aquifer
Receipt=3613429, Permit=0065445-F- FLATIRON CONSTRUCTORS INC	NWNE 15 2 N-68W	0	0	0 QAL
Receipt=9064184, Permit=0040549-- DAGGETT RONALD H	SENE 15 2 N-68W	62	10	62 GW
Receipt=9064204, Permit=0040813-- DAGGETT RONALD H	SENE 15 2 N-68W	104	10	104 GW
Receipt=9064846, Permit=0057210-- BOWMAN JAMES O & CLEO E	SENE 15 2 N-68W	80	30	80 QAL
Receipt=0450430, Permit=0053204-F- IDAHO CREEK GRAVEL CO	NW 15 2 N-68W	0	0	0 GW
Receipt=0433904, Permit=0213058-- HOPPER MARVIN & SHARON	NWSE 15 2 N-68W	16	0	0 GW
Receipt=3628927, Permit=0277537-- HOPPER MARVIN D	NWSE 15 2 N-68W	260	220	260 KLF
Receipt=9058731, Permit=0001518-- RINN CHURCH	SESE 15 2 N-68W	105	0	0 GW
Receipt=0450279, Permit=0000000-- SAINT VRAIN DEVELOPMENT LLC	SW 15 2 N-68W	0	0	0 GW
Receipt=0043936, Permit=0043936-DW- CAPITAL PACIFIC HOMES	NESW 15 2 N-68W	0	0	0 GW
Receipt=0043937, Permit=0043937-DW- CAPITAL PACIFIC HOMES	NWSW 15 2 N-68W	0	0	0 GW
Receipt=0526359, Permit=0000000-- CAPITAL PACIFIC HOMES	NWSW 15 2 N-68W	0	0	0 GW
Receipt=0536744, Permit=0062468-F- RINN VALLEY RANCH HOA INC	NWSW 15 2 N-68W	0	0	0 QAL
Receipt=0043939, Permit=0043939-DW- CAPITAL PACIFIC HOMES	SESW 15 2 N-68W	0	0	0 GW
Receipt=0043938, Permit=0043938-DW- CAPITAL PACIFIC HOMES	SWSW 15 2 N-68W	0	0	0 GW
Receipt=0052575, Permit=0052575-MH- ENCANA OIL & GAS INC	SWSW 15 2 N-68W	0	0	0 QAL
Receipt=3666097A, Permit=0295406-- ENCANA OIL & GAS INC	SWSW 15 2 N-68W	18	3	18 QAL
Receipt=3666097B, Permit=0295407-- ENCANA OIL & GAS INC	SWSW 15 2 N-68W	18	3	18 QAL
Receipt=3666097C, Permit=0295408-- ENCANA OIL & GAS INC	SWSW 15 2 N-68W	18	3	18 QAL
Receipt=3666097D, Permit=0295409-- ENCANA OIL & GAS INC	SWSW 15 2 N-68W	18	3	18 QAL
Receipt=3666097E, Permit=0295410-- ENCANA OIL & GAS INC	SWSW 15 2 N-68W	18	3	18 QAL

Receipt=3666097F, Permit=0295411-- ENCANA OIL & GAS INC	SWSW 15 2 N-68W	18	3	18 QAL
Receipt=0503587D, Permit=0251456-- MARTIN MARIETTA MATERIALS INC	SESE 16 2 N-68W	14	4	14 GW
Receipt=0503587B, Permit=0251454-- MARTIN MARIETTA MATERIALS INC	SESE 16 2 N-68W	17	7	17 GW
Receipt=9064427, Permit=0045085-- KENNEDY CARL & HANSEL	NENE 21 2 N-68W	12	0	0 GW
Receipt=0503587C, Permit=0251455-- MARTIN MARIETTA MATERIALS INC	NWNE 21 2 N-68W	18	8	18 GW
Receipt=0491877, Permit=0000366-G- COLCLASURE GENE ALAN	SENE 21 2 N-68W	0	0	0 GW
Receipt=0051951A, Permit=0000091-GX- COLCLASURE GENE	SENE 21 2 N-68W	300	0	0 GW
Receipt=9058751, Permit=0001567-- HALEY MAXINE J	NWNE 22 2 N-68W	106	0	0 GW
Receipt=0512397A, Permit=0252459-- CROWELL GREGORY & KATHY	NENW 22 2 N-68W	12	0	0 GW
Receipt=0512397B, Permit=0252459--A LA TOUCHE WENDY	NENW 22 2 N-68W	21	15	21 GW
Receipt=3614400A, Permit=0000044-GX- SOCHER RALF	NWNW 22 2 N-68W	6	0	0 GW
Receipt=3623659, Permit=0276522-- SANDLIN GARY & KATHIE	SWNW 22 2 N-68W	21	0	0 GW
Receipt=9058653, Permit=0001085-- DALPRA GILBERT	NESE 22 2 N-68W	424	0	0 GW
Receipt=9058723, Permit=0001506-- DALPRA GILBERT	NESE 22 2 N-68W	252	0	0 GW
Receipt=0041806A, Permit=0041806-MH- GASAMAT OIL CORP OF COLORADO	SESE 22 2 N-68W	0	0	0 GW
Receipt=0908293, Permit=0124116-- WYATT RICHARD P.	SWSE 22 2 N-68W	192	132	192 GW
Receipt=0052790, Permit=0052790-MH- ENCANA OIL & GAS INC	NENE 27 2 N-68W	15	13	15 GW

## Oil and Gas Wells Selected

### Filter Results by Formation

WELL DESCRIPTION	LOCATION ID	LOCATION	WELL INFORMATION			
05-123-07693, OLANDER 1 KERR MCGEE OIL & GAS ONSHORE LP	336115	NWSW 14 2N -68W (6) 40.135588, -104.975177	Sidetrack	TD	Formation	Status
				0	8035 CODL	CM
				0	8035 J-CDL	CM
				0	8035 JSND	TA
				0	8035 NB-CD	SI
				0	8035 NBRR	CM
05-123-17372, OLANDER U 14-14 PDC ENERGY INC	329452	SESW 14 2N -68W (6) 40.132737, -104.972793	Sidetrack	TD	Formation	Status
				0	7650 NB-CD	SI
				0	7650 CODL	CM
05-123-20175, HSR-HIRSCHFELD 13-14A HS RESOURCES INC	409527	SWSW 14 2N -68W (6) 40.132696, -104.976826	Sidetrack	TD	Formation	Status
						AL
05-123-20355, HSR-BEAR 13-14A KERR MCGEE OIL & GAS ONSHORE LP	336115	SWSW 14 2N -68W (6) 40.135530, -104.975440	Sidetrack	TD	Formation	Status
				0	8435 JSND	TA
				0	8435 NB-CD	SI
05-123-07653, EAST RINN 1 KERR MCGEE OIL & GAS ONSHORE LP	336322	SWSE 15 2N -68W (6) 40.133250, -104.986920	Sidetrack	TD	Formation	Status
				0	8145 JSND	AB
				0	8145 CODL	AB
				0	8145 DK-J	AB
				0	8145 DKJCD	AB
				0	8145 DKTA	AB
				0	8145 J-CDL	AB
05-123-13386, EAST RINN H UNIT 1 CRESTONE PEAK RESOURCES OPERATING LLC	323697	SWSW 15 2N -68W (6) 40.134217, -104.995547	Sidetrack	TD	Formation	Status
				0	8264 DKTA	AB
				0	8264 J-CDL	CM
				0	8264 JNBCD	CM
				0	8264 CODL	CM
				0	8264 JSND	AB
				0	8264 NB-CD	AB
				0	8264 NBRR	CM
05-123-17965, HOPPER 43-15 KERR MCGEE OIL & GAS ONSHORE LP	336327	NESE 15 2N -68W (6) 40.136892, -104.981632	Sidetrack	TD	Formation	Status
				0	8036 NBRR	CM
				0	8036 NB-CD	SI
				0	8036 JSND	TA
				0	8036 CODL	CM
				0	8036 JNBCD	CM
05-123-18504, DILLON 44-15 KERR MCGEE OIL & GAS ONSHORE LP	330143	SESE 15 2N -68W (6) 40.133420, -104.981580	Sidetrack	TD	Formation	Status
				0	7600 CODL	CM
				0	7600 NB-CD	AB
				0	7600 NBRR	CM
				0	7600 SNSD	AB
				0	7600 SUSX	AB
				0	7600 NBCSX	CM
05-123-18765, HOPPER 33-15 BASIN EXPLORATION INC	409209	NWSE 15 2N -68W (6) 40.136776, -104.987676	Sidetrack	TD	Formation	Status
						AL
05-123-19080, EAST RINN 15-12 VESSELS OIL & GAS COMPANY	409319	NWSW 15 2N -68W (6) 40.136926, -104.997056	Sidetrack	TD	Formation	Status
						AL
05-123-19081, EAST RINN 15-14 VESSELS OIL & GAS COMPANY	409320	SESW 15 2N -68W (6) 40.133276, -104.991796	Sidetrack	TD	Formation	Status
						AL
05-123-21136, HOPPER 10-15A KERR MCGEE OIL & GAS ONSHORE LP	336283	NWSE 15 2N -68W (6) 40.137220, -104.987610	Sidetrack	TD	Formation	Status
				0	8047 NBRR	CM
				0	8047 NB-CD	SI

05-123-22702, EAST RINN 23-15 CRESTONE PEAK RESOURCES OPERATING LLC	305244 NESW 15 2N -68W (6) 40.137643, -104.990002	Sidetrack	0 8047 CODL	CM
			0 8047 JSND	SI
			TD Formation	Status
			0 8061 JSND	SI
			0 8061 JNBCD	CM
			0 8061 CODL	CM
			0 8061 NBRR	CM
			0 8061 NB-CD	SI
			TD Formation	Status
			0 7750 NBRR	CM
			0 7750 NB-CD	SI
			0 7750 CODL	CM
			TD Formation	Status
			0 8030 CODL	CM
			0 8030 JNBCD	CM
			0 8030 JSND	AB
			0 8030 NB-CD	AB
			0 8030 NBRR	CM
			TD Formation	Status
			0 7590 NBRR	CM
			0 7590 NB-CD	AB
			0 7590 CODL	CM
			TD Formation	Status
			0 8239 CODL	CM
			0 8239 JSND	AB
			0 8239 JNBCD	CM
			0 8239 NB-CD	AB
			0 8239 NBRR	CM
			TD Formation	Status
			0 8158 NBRR	CM
			0 8158 NB-CD	AB
			0 8158 JNBCD	CM
			0 8158 JSND	AB
			0 8158 CODL	CM
			TD Formation	Status
			0 8075 CODL	CM
			0 8075 JSND	SI
			0 8075 JNBCD	CM
			0 8075 NB-CD	SI
			0 8075 NBRR	CM
			TD Formation	Status
			0 8385 NB-CD	PR
			0 8385 JSND	PR
			0 8385 JNBCD	CM
			TD Formation	Status
			0 8523 JDCNB	CM
			0 8523 JSND	PR
			0 8523 NB-CD	PR
			TD Formation	Status
			0 8150 NB-CD	PR
			0 8150 JSND	PR
			0 8150 JNBCD	CM
			TD Formation	Status
			0 8195 JNBCD	CM
			0 8195 JSND	PR

05-123-32503, EAST RINN 2-8-15 CRESTONE PEAK RESOURCES OPERATING LLC	305244 NESW 15 2N -68W (6) 40.137936, -104.990045	Sidetrack	0 8195 NB-CD	PR
			TD Formation	Status
			0 8635 NB-CD	PR
05-123-32504, EAST RINN 13-15 CRESTONE PEAK RESOURCES OPERATING LLC	305244 NESW 15 2N -68W (6) 40.137999, -104.990062	Sidetrack	0 8635 JSND	PR
			0 8635 JNBCD	CM
			TD Formation	Status
05-123-43015, CAMENISCH 10N-34HZ KERR MCGEE OIL & GAS ONSHORE LP	336504 SWNE 15 2N -68W (6) 40.139980, -104.987556	Sidetrack	0 8400 JNBCD	CM
			0 8400 JSND	PR
			0 8400 NB-CD	PR
05-123-43016, CAMENISCH STATE 23N2-34HZ KERR MCGEE OIL & GAS ONSHORE LP	336504 SWNE 15 2N -68W (6) 40.139981, -104.987875	Sidetrack	TD Formation	Status
			0 21222 N-COM	DG
			0 21222 NBRR	PR
05-123-43017, CAMENISCH 15N-22HZ KERR MCGEE OIL & GAS ONSHORE LP	336504 SWNE 15 2N -68W (6) 40.139980, -104.987609	Sidetrack	TD Formation	Status
			0 21200 NBRR	PR
			0 21200 N-COM	DG
05-123-43018, CAMENISCH 36N-22HZ KERR MCGEE OIL & GAS ONSHORE LP	336504 SWNE 15 2N -68W (6) 40.139980, -104.987770	Sidetrack	TD Formation	Status
			0 15845 N-COM	DG
			0 15845 NBRR	PR
05-123-43019, CAMENISCH STATE 23N-34HZ KERR MCGEE OIL & GAS ONSHORE LP	336504 SWNE 15 2N -68W (6) 40.139981, -104.987929	Sidetrack	TD Formation	Status
			0 15862 NBRR	PR
			0 15862 N-COM	DG
05-123-43020, CAMENISCH STATE 23N3-34HZX KERR MCGEE OIL & GAS ONSHORE LP	336504 SWNE 15 2N -68W (6) 40.139981, -104.987717	Sidetrack	TD Formation	Status
			0 21150 N-COM	DG
			0 21150 NBRR	PR
05-123-43021, HOPPER STATE 9N-34SLHZ KERR MCGEE OIL & GAS ONSHORE LP	445345 NESE 15 2N -68W (6) 40.137952, -104.983172	Sidetrack	TD Formation	Status
			1 7659 NBRR	PR
			0 7659 N-COM	PR
05-123-43022, HOPPER 37N-22HZ KERR MCGEE OIL & GAS ONSHORE LP	445345 NESE 15 2N -68W (6) 40.137953, -104.983385	Sidetrack	TD Formation	Status
			0 22086 N-COM	CM
			0 22086 NBRR	PR
05-123-43023, HOPPER 16C-22HZ KERR MCGEE OIL & GAS ONSHORE LP	445345 NESE 15 2N -68W (6) 40.137952, -104.983224	Sidetrack	TD Formation	Status
			0 14671 NBRR	PR
			0 14671 N-COM	CM
05-123-43024, HOPPER STATE 24N-34SLHZ KERR MCGEE OIL & GAS ONSHORE LP	445345 NESE 15 2N -68W (6) 40.137953, -104.983332	Sidetrack	TD Formation	Status
			0 14749 N-COM	CM
			0 14749 CODL	CM
05-123-43025, HOPPER STATE 40N-34SLHZ KERR MCGEE OIL & GAS ONSHORE LP	445345 NESE 15 2N -68W (6) 40.137950, -104.983063	Sidetrack	0 14749 CARL	CM
			0 14749 CD-CRL	PR
			TD Formation	Status
05-123-43026, HOPPER 38N-22HZ KERR MCGEE OIL & GAS ONSHORE LP	445345 NESE 15 2N -68W (6) 40.137950, -104.983010	Sidetrack	0 21660 N-COM	CM
			0 21660 NBRR	PR
			TD Formation	Status
05-123-25494, DUCKWORTH 44-16 ENCANA OIL & GAS (USA) INC	410008 SESE 16 2N -68W (6) 40.132900, -105.000560	Sidetrack	0 22016 NBRR	PR
			0 22016 N-COM	CM
			TD Formation	Status
05-123-09360, KENNEDY GAS UNIT 1 CRESTONE PEAK RESOURCES OPERATING LLC	318550 SENE 21 2N -68W (6) 40.127037, -105.002277	Sidetrack	0 14446 N-COM	CM
			0 14446 NBRR	PR
			TD Formation	Status
05-123-09551, JILLSON 'A' 3 KP KAUFFMAN COMPANY INC	333173 SESE 21 2N -68W (6) 40.118660, -105.001160	Sidetrack	0 8138 DK-J	CM
			0 8138 DKTA	AB
			0 8138 JSND	AB
			TD Formation	Status
			0 5009 SUSX	CM

05-123-10522, JILLSON 'A' 4 KP KAUFFMAN COMPANY INC	319024 NESE 21 2N -68W (6) 40.122340, -105.001170	Sidetrack	0 5009 SNSD	CM
			0 5009 SX-SN	PR
			TD Formation	Status
			0 4954 SX-SN	SI
			0 4954 SNSD	CM
			0 4954 SUSX	CM
			TD Formation	Status
			0 8090 NBRR	CM
			0 8090 NB-CD	PR
			0 8090 JSND	PR
			0 8090 JNBCD	CM
			0 8090 J-CDL	CM
			0 8090 CODL	CM
			TD Formation	Status
			0 8072 CODL	PR
			0 8072 J-CDL	CM
			0 8072 JSND	PR
			TD Formation	Status
			0 8129 JSND	PR
			0 8129 J-CDL	CM
			0 8129 CODL	PR
			TD Formation	Status
				AL
			TD Formation	Status
			0 5011 SX-SN	SI
			0 5011 SUSX	CM
			0 5011 SNSD	CM
			TD Formation	Status
			0 4923 SNSD	CM
			0 4923 SUSX	CM
			0 4923 SX-SN	SI
			TD Formation	Status
				AL
			TD Formation	Status
			0 8100 NB-CD	SI
			0 8100 JSND	SI
			0 8100 JNBCD	CM
			TD Formation	Status
			0 8275 JNBCD	CM
			0 8275 NB-CD	PR
			0 8275 JSND	PR
			TD Formation	Status
			0 8275 JSND	SI
			0 8275 NB-CD	SI
			0 8275 JNBCD	CM
			TD Formation	Status
			0 8198 JNBCD	CM
			0 8198 NB-CD	PR
			0 8198 JSND	PR
			TD Formation	Status
				AL
			TD Formation	Status
			0 8175 JSND	PR
			0 8175 NB-CD	PR
			0 8175 NBRR	CM

05-123-31974, KENNEDY 8-4-21 CRESTONE PEAK RESOURCES OPERATING LLC	318550 SENE 21 2N -68W (6) 40.127116, -105.002112	Sidetrack	0 8175 JNBCD	CM
			0 8175 CODL	CM
05-123-08574, JILLSON 3 KP KAUFFMAN COMPANY INC	336406 SWSW 22 2N -68W (6) 40.118640, -104.996470	Sidetrack	TD Formation	Status
			0 8253 CODL	CM
05-123-08611, EARL ANDERSON 1 KP KAUFFMAN COMPANY INC	336211 NESW 22 2N -68W (6) 40.122350, -104.991610	Sidetrack	0 8253 JNBCD	CM
			0 8253 NBRR	CM
05-123-08753, CHARLES ELZI ESTATE 1 KP KAUFFMAN COMPANY INC	318251 SWSE 22 2N -68W (6) 40.118700, -104.986570	Sidetrack	0 8253 NB-CD	PR
			0 8253 JSND	PR
05-123-09015, HALEY 1 CRESTONE PEAK RESOURCES OPERATING LLC	336399 SENE 22 2N -68W (6) 40.126991, -104.984247	Sidetrack	TD Formation	Status
			0 5039 SUSX	CM
05-123-09274, EARL ANDERSON 2 KP KAUFFMAN COMPANY INC	336421 NWSW 22 2N -68W (6) 40.122420, -104.995680	Sidetrack	0 5039 SX-SN	SI
			0 5039 SNSD	CM
05-123-09496, NORBERT E BADDING 1 KP KAUFFMAN COMPANY INC	318605 SESE 22 2N -68W (6) 40.118783, -104.982002	Sidetrack	TD Formation	Status
			0 5000 SNSD	CM
05-123-09550, JILLSON 6 KP KAUFFMAN COMPANY INC	318629 SESW 22 2N -68W (6) 40.118680, -104.991670	Sidetrack	0 5000 SX-SN	SI
			TD Formation	Status
05-123-09758, JILLSON GAS UNIT 1 CRESTONE PEAK RESOURCES OPERATING LLC	318707 SESW 22 2N -68W (6) 40.119618, -104.992931	Sidetrack	0 5055 SX-SN	PR
			0 5055 SUSX	CM
05-123-09870, EARL ANDERSON B 1 KP KAUFFMAN COMPANY INC	333172 SWNW 22 2N -68W (6) 40.125760, -104.996230	Sidetrack	0 5055 SNSD	CM
			TD Formation	Status
05-123-15074, HALEY 3-22 CRESTONE PEAK RESOURCES OPERATING LLC	327723 NESE 22 2N -68W (6) 40.121254, -104.983381	Sidetrack	0 8116 JSND	PR
			TD Formation	Status
05-123-15313, JILLSON 1-22 CRESTONE PEAK RESOURCES OPERATING LLC	327915 NENW 22 2N -68W (6) 40.128785, -104.992879	Sidetrack	0 5000 SNSD	CM
			0 5000 SUSX	CM
05-123-16089, WYATT 33-22 KP KAUFFMAN COMPANY INC	328520 NWSE 22 2N -68W (6) 40.121940, -104.986426	Sidetrack	0 5000 SX-SN	PR
			TD Formation	Status
05-123-19719, HALEY 32-22 CRESTONE PEAK RESOURCES OPERATING LLC	330830 SWNE 22 2N -68W (6) 40.126062, -104.986803	Sidetrack	0 5034 SX-SN	PR
			TD Formation	Status
05-123-20524, JILLSON 12-22 CRESTONE PEAK RESOURCES OPERATING LLC	333172 SWNW 22 2N -68W (6) 40.125352, -104.996258	Sidetrack	0 5060 SX-SN	PR
			0 5060 SUSX	CM
05-123-20650, JILLSON 21-22 ENCANA ENERGY RESOURCES INC	409594 NENW 22 2N -68W (6) 40.130176, -104.991136	Sidetrack	0 5060 SNSD	CM
			TD Formation	Status
05-123-20651, JILLSON 11-22 CRESTONE PEAK RESOURCES OPERATING LLC	336358 NWNW 22 2N -68W (6) 40.129300, -104.996780	Sidetrack	0 8140 JSND	SI
			TD Formation	Status
05-123-20654, JILLSON 22-22 CRESTONE PEAK RESOURCES OPERATING LLC	331411 SENW 22 2N -68W (6) 40.125720, -104.991930	Sidetrack	0 4927 SX-SN	AB
			TD Formation	Status
			0 8414 JSND	PR
			TD Formation	Status
			0 8376 JSND	PR
			TD Formation	Status
			0 5045 SUSX	PR
			TD Formation	Status
			0 8130 JSND	SI
			0 8130 J-CDL	CM
			0 8130 CODL	SI
			TD Formation	Status
			0 8074 JSND	PR
			TD Formation	Status
			0 8046 JSND	PR
			TD Formation	Status
			0 8112 JSND	PR
			0 8112 J-CDL	CM
			0 8112 CODL	PR



05-123-22165, NYGREN 12-22 KERR MCGEE OIL & GAS ONSHORE LP	336421 NWSW 22 2N -68W (6) 40.122350, -104.996011	Sidetrack	TD	Formation	Status
			0	7710 NB-CD	SI
05-123-22947, HALEY 41-22 CRESTONE PEAK RESOURCES OPERATING LLC	305421 NENE 22 2N -68W (6) 40.129970, -104.982130	Sidetrack	TD	Formation	Status
			0	8102 NB-CD	PR
			0	8102 JSND	PR
			0	8102 JNBCD	CM
05-123-23027, JILLSON 14-22 CRESTONE PEAK RESOURCES OPERATING LLC	336342 SWSW 22 2N -68W (6) 40.118620, -104.996160	Sidetrack	TD	Formation	Status
			0	8164 JNBCD	CM
			0	8164 JSND	PR
			0	8164 NB-CD	PR
05-123-25745, ANDERSON 31-22 KERR MCGEE OIL & GAS ONSHORE LP	336358 NWNW 22 2N -68W (6) 40.129420, -104.996750	Sidetrack	TD	Formation	Status
					AL
05-123-29205, ANDERSON 23-22 CRESTONE PEAK RESOURCES OPERATING LLC	336211 NESW 22 2N -68W (6) 40.122080, -104.991631	Sidetrack	TD	Formation	Status
			0	8160 NB-CD	SI
			0	8160 JSND	SI
			0	8160 JNBCD	CM
05-123-29898, HALEY 31-22 CRESTONE PEAK RESOURCES OPERATING LLC	336399 SENE 22 2N -68W (6) 40.127140, -104.984223	Sidetrack	TD	Formation	Status
			0	8250 JNBCD	CM
			0	8250 JSND	SI
			0	8250 NB-CD	SI
05-123-29899, HALEY 8-2-22 CRESTONE PEAK RESOURCES OPERATING LLC	336399 SENE 22 2N -68W (6) 40.127077, -104.984244	Sidetrack	TD	Formation	Status
			0	8335 NB-CD	PR
			0	8335 JSND	PR
			0	8335 JNBCD	CM
05-123-29900, HALEY 8-4-22 CRESTONE PEAK RESOURCES OPERATING LLC	336399 SENE 22 2N -68W (6) 40.127040, -104.984244	Sidetrack	TD	Formation	Status
			0	8335 JNBCD	CM
			0	8335 JSND	SI
			0	8335 NB-CD	SI
05-123-29901, HALEY 4-2-22 CRESTONE PEAK RESOURCES OPERATING LLC	336399 SENE 22 2N -68W (6) 40.127107, -104.984231	Sidetrack	TD	Formation	Status
			0	8280 NB-CD	SI
			0	8280 JSND	SI
			0	8280 JNBCD	CM
05-123-32564, JILLSON 0-6-22 CRESTONE PEAK RESOURCES OPERATING LLC	318707 SESW 22 2N -68W (6) 40.119561, -104.992750	Sidetrack	TD	Formation	Status
			0	8490 JNBCD	CM
			0	8490 CODL	CM
			0	8490 NB-CD	SI
			0	8490 JSND	SI
			0	8490 NBRR	CM
05-123-32565, JILLSON 4-8-22 CRESTONE PEAK RESOURCES OPERATING LLC	318707 SESW 22 2N -68W (6) 40.119496, -104.992807	Sidetrack	TD	Formation	Status
			0	8335 NBRR	CM
			0	8335 JSND	PR
			0	8335 NB-CD	PR
			0	8335 CODL	CM
			0	8335 JNBCD	CM
05-123-32566, JILLSON 4-6-22 CRESTONE PEAK RESOURCES OPERATING LLC	318707 SESW 22 2N -68W (6) 40.119537, -104.992766	Sidetrack	TD	Formation	Status
			0	8255 JNBCD	CM
			0	8255 CODL	CM
			0	8255 NB-CD	SI
			0	8255 JSND	SI
			0	8255 NBRR	CM
05-123-32567, JILLSON 2-8-22 CRESTONE PEAK RESOURCES OPERATING LLC	318707 SESW 22 2N -68W (6) 40.119505, -104.992769	Sidetrack	TD	Formation	Status
			0	8287 NBRR	CM
			0	8287 JSND	PR
			0	8287 NB-CD	PR
			0	8287 CODL	CM

05-123-37998, Jillson-East Rinn 3C-22H-M268 CRESTONE PEAK RESOURCES OPERATING LLC	434171 SWSW 22 2n -68w (6) 40.117907, -104.996315	Sidetrack	0 8287 JNBCD TD Formation	CM Status
			0 14852 N-COM	PR
			0 14852 NBRR	PR
05-123-37999, Jillson-East Rinn 3B-22H-M268 CRESTONE PEAK RESOURCES OPERATING LLC	434171 SWSW 22 2n -68w (6) 40.117907, -104.996349	Sidetrack	TD Formation	Status
05-123-38000, Jillson-East Rinn 3A-22H-M268 CRESTONE PEAK RESOURCES OPERATING LLC	434171 SWSW 22 2N -68W (6) 40.117907, -104.996385	Sidetrack	0 15040 CODL	SI
05-123-38001, Jillson-East Rinn 3D-22H-M268 CRESTONE PEAK RESOURCES OPERATING LLC	434171 SWSW 22 2n -68w (6) 40.117907, -104.996277	Sidetrack	TD Formation	Status
05-123-38002, JILLSON-EAST RINN 3G-22H-N268 CRESTONE PEAK RESOURCES OPERATING LLC	434175 SESW 22 2n -68w (6) 40.117592, -104.991312	Sidetrack	0 15000 NBRR	PR
05-123-38003, JILLSON-EAST RINN 3H-22H-N268 CRESTONE PEAK RESOURCES OPERATING LLC	434175 SESW 22 2n -68w (6) 40.117592, -104.991276	Sidetrack	TD Formation	Status
05-123-38004, JILLSON-EAST RINN 3I-22H-N268 CRESTONE PEAK RESOURCES OPERATING LLC	434175 SESW 22 2n -68w (6) 40.117592, -104.991242	Sidetrack	0 15221 CODL	PR
05-123-38005, JILLSON-EAST RINN 3J-22H-N268 CRESTONE PEAK RESOURCES OPERATING LLC	434175 SESW 22 2n -68w (6) 40.117591, -104.991205	Sidetrack	TD Formation	Status
			0 15040 NBRR	PR
05-123-39631, Jillson-East Rinn 3E-22H-M268 CRESTONE PEAK RESOURCES OPERATING LLC	434171 SWSW 22 2N -68W (6) 40.117907, -104.996241	Sidetrack	TD Formation	Status
			0 15304 N-COM	SI
			0 15304 CODL	SI
			TD Formation	Status
05-123-39632, Jillson-East Rinn 3F-22H-M268 CRESTONE PEAK RESOURCES OPERATING LLC	434171 SWSW 22 2n -68w (6) 40.117907, -104.996206	Sidetrack	0 15166 CODL	CM
05-123-08493, NELSON 1 CRESTONE PEAK RESOURCES OPERATING LLC	318145 NESW 23 2N -68W (6) 40.120557, -104.974449	Sidetrack	0 15166 CARL	CM
05-123-10094, ELMQUIST 1 CRESTONE PEAK RESOURCES OPERATING LLC	336106 SENW 23 2N -68W (6) 40.126950, -104.974070	Sidetrack	0 15166 CD-CRL	PR
			TD Formation	Status
05-123-12750, BERGER 32-23 EXTRACTION OIL & GAS INC	323234 SWNE 23 2N -68W (6) 40.126420, -104.968275	Sidetrack	0 14922 NBRR	PR
			TD Formation	Status
			0 8095 JSND	AB
			TD Formation	Status
			0 8084 JSND	PR
			0 8084 JNBCD	CM
			0 8084 NB-CD	PR
			TD Formation	Status
			0 8090 NB-CD	AB
			0 8090 CODL	CM
			0 8090 JSND	AB
			0 8090 JNCSS	CM
			0 8090 SX-SN	AB
05-123-12911, NELSON 23-23C EXTRACTION OIL & GAS INC	323363 NESW 23 2N -68W (6) 40.122345, -104.973271	Sidetrack	TD Formation	Status
			0 7658 SX-SN	AB
			0 7658 CODL	AB
			0 7658 NB-CD	AB
			0 7658 NBRR	AB
			0 7658 SUSX	AB
			0 7658 SNSD	AB
05-123-19555, ELMQUIST 11-23 CRESTONE PEAK RESOURCES OPERATING LLC	336461 NWNW 23 2N -68W (6) 40.129645, -104.977152	Sidetrack	TD Formation	Status
			0 8085 CODL	SI
			0 8085 JNBCD	CM
			0 8085 JSND	SI
05-123-19830, ELMQUIST 12-23 CRESTONE PEAK RESOURCES OPERATING LLC	330890 SWNW 23 2N -68W (6) 40.126222, -104.977394	Sidetrack	TD Formation	Status
			0 8117 JSND	PR
			0 8117 JNBCD	CM
			0 8117 NB-CD	PR
05-123-22782, ELMQUIST 21-23 ENCANA OIL & GAS (USA) INC	409837 NENW 23 2N -68W (6) 40.130019, -104.972202	Sidetrack	TD Formation	Status
05-123-25819, ELMQUIST 21-23	336106 SENW 23 2N -68W (6)	Sidetrack	TD Formation	AL Status

CRESTONE PEAK RESOURCES OPERATING LLC	40.126945, -104.974000		0 8223 NB-CD	PR
			0 8223 NBRR	CM
			0 8223 CODL	CM
			0 8223 JSND	PR
			0 8223 JNBCD	CM
05-123-29847, ELMQUIST 0-0-23	336461 NWNW 23 2N -68W (6)	Sidetrack	TD Formation	Status
CRESTONE PEAK RESOURCES OPERATING LLC	40.129662, -104.977168		0 8148 JNBCD	CM
			0 8148 JSND	SI
			0 8148 CODL	CM
			0 8148 NBRR	CM
			0 8148 NB-CD	SI
05-123-31975, ELMQUIST 4-4-23	336106 SENW 23 2N -68W (6)	Sidetrack	TD Formation	Status
CRESTONE PEAK RESOURCES OPERATING LLC	40.126940, -104.973959		0 8270 NB-CD	PR
			0 8270 JSND	PR
			0 8270 NBRR	CM
			0 8270 CODL	CM
			0 8270 JNBCD	CM
05-123-31977, ELMQUIST 2-4-23	336106 SENW 23 2N -68W (6)	Sidetrack	TD Formation	Status
CRESTONE PEAK RESOURCES OPERATING LLC	40.126947, -104.974038		0 8195 JNBCD	CM
			0 8195 CODL	CM
			0 8195 NBRR	CM
			0 8195 JSND	PR
			0 8195 NB-CD	PR
05-123-32009, ELMQUIST 4-2-23	336106 SENW 23 2N -68W (6)	Sidetrack	TD Formation	Status
CRESTONE PEAK RESOURCES OPERATING LLC	40.126939, -104.973930		0 8188 NB-CD	SI
			0 8188 JSND	SI
			0 8188 NBRR	CM
			0 8188 CODL	CM
			0 8188 JNBCD	CM
05-123-08536, JILLSON 2	333238 NENW 27 2N -68W (6)	Sidetrack	TD Formation	Status
KP KAUFFMAN COMPANY INC	40.115290, -104.991030		0 5050 SX-SN	PR
05-123-08912, OUR DIANE 41-27	318332 NENE 27 2N -68W (6)	Sidetrack	TD Formation	Status
PDC ENERGY INC	40.114993, -104.981466		0 5125 SX-SN	AB
			0 5125 SUSX	CM
			0 5125 SNSD	CM
05-123-09192, JILLSON 5	318491 NWNW 27 2N -68W (6)	Sidetrack	TD Formation	Status
KP KAUFFMAN COMPANY INC	40.115120, -104.996830		0 5061 SUSX	CM
			0 5061 SX-SN	PR
05-123-09358, MILLER 1	318549 NENE 27 2N -68W (6)	Sidetrack	TD Formation	Status
CRESTONE PEAK RESOURCES OPERATING LLC	40.114152, -104.983473		0 8135 JSND	PR
			0 8135 CODL	PR
			0 8135 J-CDL	CM
05-123-15283, MILLER 1-27	327890 NWNW 27 2N -68W (6)	Sidetrack	TD Formation	Status
CRESTONE PEAK RESOURCES OPERATING LLC	40.113943, -104.995294		0 8181 J-CDL	CM
			0 8181 CODL	PR
			0 8181 JSND	PR
05-123-15467, OUR DIANE 31-27	328043 NWNE 27 2N -68W (6)	Sidetrack	TD Formation	Status
PDC ENERGY INC	40.115540, -104.986911		0 7800 CODL	PR
			0 7800 SUSX	CM
			0 7800 SNSD	CM
			0 7800 SX-SN	PR
			0 7800 SXSCD	TA
05-123-19829, MILLER 31-27	409471 NWNE 27 2N -68W (6)	Sidetrack	TD Formation	Status
NORTH AMERICAN RESOURCES COMPANY	40.115587, -104.986636			AL
05-123-21361, MILLER 11-27	409703 NWNW 27 2N -68W (6)	Sidetrack	TD Formation	Status

ENCANA OIL &amp; GAS (USA) INC

05-123-21521, MILLER 21-27

CRESTONE PEAK RESOURCES OPERATING LLC

40.115527, -104.996906

333238 NENW 27 2N -68W (6) Sidetrack

40.115506, -104.991329

AL

## Status

 TD | Formation |

0 8162 CODL PR

0 8162 J-CDL CM

0 8162 JSND PR