

Report Date: 12/11/2018

Bedrock Aquifer Evaluation Determination Tool

Denver Basin Aquifer - Specific Location Determination Tool

Applicant: PDC - Wycaver 24-5
(API 123-21324)

Reciept No:

Evaluated By:

Location: SE 1/4 of SW 1/4 of Sec. 5, T.4N, R.63W. (470 SSL, 1750 WSL)

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

Ground Surface Elevation: 4680 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	4412	4591	115.9	268	89	27.82	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	PDC						
API or Doc #	Wyscaver 24-5 (API 123-21324)						
SB5 Base of Fox Hills	268-89	L-FH		This well GR	WW GR	Elev	Diff
Deepest Water Well Within One Mile / number of wells	660	/ 41		4680	4680		0
Deepest Water Well Within Two Miles / number of wells		/					
Sussex / Shannon Production within one mile	N	/ N					
Operator Existing Surface Casing Depth	725						
Production Casing to be pulled	1600						
Required aquifer protection depth in this well	660	0 50		710			

Water Wells Selected From Map	660	440	660	41
Filter Results by Depth				

WELL DESCRIPTION	LOCATION	WELL INFORMATION		
		Depth	Top Perf	Bottom Perf Aquifer
Receipt=0467603, Permit=0229985-- WETCO FARMS INC	NESW 4 4 N-63W	630	400	630 KP
Receipt=0418624, Permit=0205640-- WETCO FARMS INC	SESW 4 4 N-63W	230	135	215 KLF
Receipt=0041048, Permit=0041048-MH- WARNER PAT	NENE 5 4 N-63W	240	0	0 GW
Receipt=0370648, Permit=0180124-- CARMIN KELLY	SWNE 5 4 N-63W	220	160	220 KLF
Receipt=0290696, Permit=0011699-R-R SHOEMAKER WADE E & DAWN ET AL	NWNW 5 4 N-63W	76	56	76 GW
Receipt=0443456, Permit=0216900-- PETERSON FAMILY TRUST	NWNW 5 4 N-63W	0	0	0 GW
Receipt=9060855, Permit=0011699-R- REIN JOHN	NWNW 5 4 N-63W	64	34	64 GW
Receipt=C620596, Permit=0000596-WCB- ARCHER A L	NWNW 5 4 N-63W	57	0	0 GW
Receipt=9060854, Permit=0011695-R- REIN JOHNNY R.	SWNW 5 4 N-63W	58	35	0 GW
Receipt=0010559A, Permit=0011695-R-R REIN JOHNNY R	SWNW 5 4 N-63W	59	39	59 GW
Receipt=0416911, Permit=0204049-- CURD DAN & BEVERLY	SWNW 5 4 N-63W	320	200	320 GW
Receipt=0422518, Permit=0206512-- NEWMAN TOMMY N & DAYNA R BERGERS	NWSW 5 4 N-63W	65	45	65 GW
Receipt=0484043, Permit=0238054-- WYSCAVER JACK & DOMINIQUE	SWSW 5 4 N-63W	0	0	0 KLF
Receipt=0491090, Permit=0240312-- WYSCAVER JACKS DOMINIQUE	SWSW 5 4 N-63W	660	440	660 KP
Receipt=9059020, Permit=0003316-F- GUNTHER EUGENE	NENE 6 4 N-63W	94	49	94 GW
Receipt=0369713, Permit=0003316-F-R GUNTHER EUGENE	NENE 6 4 N-63W	95	72	92 GW
Receipt=0022819, Permit=0094141-VE- GUNTHER EUGENE	NENE 6 4 N-63W	0	0	0 GW
Receipt=9059827, Permit=0007166-R- EPH CORP	SWNE 6 4 N-63W	75	0	0 GW
Receipt=C620405, Permit=0000405-WCB- E P H CORP	SWNE 6 4 N-63W	77	0	0 GW
Receipt=9061813, Permit=0013960-R- DANKS WILLIAM C & NOBLET B	SWNW 6 4 N-63W	65	35	65 GW
Receipt=0017873, Permit=0017873-MH- CENTRAL CO WATER CONS DISTRICT	SE 6 4 N-63W	0	0	0 GW

Receipt=9058706, Permit=0001453-R-E P H CORPORATION	NESE 6 4 N-63W	55	0	0 GW
Receipt=0424443B, Permit=0207919--BUDERUS THEODORE	NESE 6 4 N-63W	0	0	0 KLF
Receipt=9059829, Permit=0007167-R-EPH CORP - HELD	NWSE 6 4 N-63W	53	30	53 GW
Receipt=0335732N, Permit=0163701--CENTRAL COLO WTR CONSERVANCY DIST	NWSE 6 4 N-63W	0	0	0 UNC
Receipt=0071051, Permit=0007167-R-R E P H CORP	NWSE 6 4 N-63W	58	48	58 GW
Receipt=C620462, Permit=0000462-WCB-HACFELI EDWIN J	NWSE 6 4 N-63W	61	0	0 GW
Receipt=0335732M, Permit=0163700--CENTRAL COLO WTR CONSERVANCY DIST	SESE 6 4 N-63W	0	0	0 UNC
Receipt=0013448, Permit=0001452-R-R E P H CORPORATION	SESE 6 4 N-63W	76	38	74 GW
Receipt=0424443A, Permit=0207918--BUDERUS THEODORE	SESE 6 4 N-63W	300	70	230 GW
Receipt=9058705, Permit=0001452-R-E P H CORPORATION	SESE 6 4 N-63W	75	0	0 GW
Receipt=9066450, Permit=0131316--MOORE WILLIAM A. & SYLVIA A.	NENE 7 4 N-63W	48	0	0 GW
Receipt=0447175, Permit=0220681--MEYER JASON	NENE 7 4 N-63W	48	23	48 KP
Receipt=0292033, Permit=0152475--WAREHIME CLINTON	NENE 7 4 N-63W	48	23	48 GW
Receipt=0316123, Permit=0158306--WAREHIME CLINTEN L & JULIE	NENE 7 4 N-63W	149	109	149 GW
Receipt=0325182, Permit=0012473-AD-WAREHIME CLINTON & JULIE	NENE 7 4 N-63W	0	0	0 KLF
Receipt=0318289, Permit=0158305--WAREHIME CLINTEN & JULIE	NWNE 7 4 N-63W	0	0	0 GW
Receipt=0453456, Permit=0218470--A WALTER WILLIAM & RUTH	NWNE 7 4 N-63W	50	30	45 GW
Receipt=0441756, Permit=0218470--WAREHIME CLINTON	NWNE 7 4 N-63W	0	0	0 GW
Receipt=0447176, Permit=0220672--MEYER JASON	SENE 7 4 N-63W	149	109	149 KP
Receipt=0111009, Permit=0012916-R-R DUELL H.H.	SWNE 7 4 N-63W	0	0	0 GW

Oil and Gas Wells Selected

Filter Results by Formation

WELL DESCRIPTION	LOCATION ID	LOCATION	WELL INFORMATION					
05-123-12209, ROTHE 13-4 ROCK OIL CORP	407955	N2WS 4 4N -63W (6) 40.337860, -104.448560	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-20274, WETCO FARMS 12-4 BONANZA CREEK ENERGY OPERATING COMPANY L	333000	SWNW 4 4N -63W (6) 40.343580, -104.450250	Sidetrack	Formation	Top	Bottom	TD	Status
				0 J-CDL			7196	CM
				0 NB-CD	6274	6530	7196	PR
				0 CODL	6519	6530	7196	CM
				0 JSND	6986	7044	7196	AB
05-123-20862, WETCO FARMS 14-4 BONANZA CREEK ENERGY OPERATING COMPANY L	331531	SWSW 4 4N -63W (6) 40.335060, -104.450890	Sidetrack	Formation	Top	Bottom	TD	Status
				0 DKJCD			7424	CM
				0 NB-CD	6388	6598	7424	SI
				0 CODL	6588	6597	7424	CM
				0 JSND	7039		7424	TA
				0 DKTA	7281		7424	TA
05-123-20879, WETCO FARMS-LAURA 5-4 HIGHPOINT OPERATING CORPORATION	333000	SWNW 4 4N -63W (6) 40.343290, -104.450750	Sidetrack	Formation	Top	Bottom	TD	Status
				0 DKTA	7270	7296	7462	AB
05-123-22449, WETCO FARMS 13-4 BONANZA CREEK ENERGY OPERATING COMPANY L	305105	NWSW 4 4N -63W (6) 40.339280, -104.449440	Sidetrack	Formation	Top	Bottom	TD	Status
				0 J-CDL	6554	7062	7420	CM
				0 CODL	6554	6564	7420	SI
				0 JSND	7006	7062	7420	SI
				0 DKTA	7248	7354	7420	TA
05-123-22502, WETCO FARMS 24-4 BONANZA CREEK ENERGY OPERATING COMPANY L	305108	SESW 4 4N -63W (6) 40.335080, -104.444850	Sidetrack	Formation	Top	Bottom	TD	Status
				0 J-CDL	6565	7079	7461	CM
				0 CODL	6565	6575	7461	SI
				0 JSND	7024	7196	7461	SI
				0 DKTA	7340	7352	7461	TA
05-123-48313, Apache 8-18-3L CONFLUENCE DJ LLC	458430	SWSW 4 4N -63W (6) 40.336530, -104.451600	Sidetrack	Formation	Top	Bottom	TD	Status
								XX
05-123-48314, Apache 8-4-4L CONFLUENCE DJ LLC	458430	SWSW 4 4N -63W (6) 40.336120, -104.451610	Sidetrack	Formation	Top	Bottom	TD	Status
								XX
05-123-48315, Apache 8-8-2L CONFLUENCE DJ LLC	458430	SWSW 4 4N -63W (6) 40.336530, -104.451060	Sidetrack	Formation	Top	Bottom	TD	Status
								XX
05-123-48316, Apache 8-3-3L CONFLUENCE DJ LLC	458430	SWSW 4 4N -63W (6) 40.336120, -104.451070	Sidetrack	Formation	Top	Bottom	TD	Status
								XX
05-123-48317, Apache 8-6-3L CONFLUENCE DJ LLC	458430	SWSW 4 4N -63W (6) 40.336390, -104.451070	Sidetrack	Formation	Top	Bottom	TD	Status
								XX
05-123-48318, Apache 8-21-3L CONFLUENCE DJ LLC	458430	SWSW 4 4N -63W (6) 40.336740, -104.451600	Sidetrack	Formation	Top	Bottom	TD	Status
								XX
05-123-48319, Apache 8-2-2L CONFLUENCE DJ LLC	458430	SWSW 4 4N -63W (6) 40.336050, -104.451070	Sidetrack	Formation	Top	Bottom	TD	Status
								XX
05-123-48320, Apache 8-17-2L CONFLUENCE DJ LLC	458430	SWSW 4 4N -63W (6) 40.336400, -104.451600	Sidetrack	Formation	Top	Bottom	TD	Status
								XX
05-123-48321, Apache 8-13-1L CONFLUENCE DJ LLC	458430	SWSW 4 4N -63W (6) 40.336050, -104.451610	Sidetrack	Formation	Top	Bottom	TD	Status
								XX
05-123-48322, Apache 8-2-4L CONFLUENCE DJ LLC	458430	SWSW 4 4N -63W (6) 40.336320, -104.451070	Sidetrack	Formation	Top	Bottom	TD	Status
								XX
05-123-48323, Apache 8-10-1L CONFLUENCE DJ LLC	458430	SWSW 4 4N -63W (6) 40.336730, -104.451060	Sidetrack	Formation	Top	Bottom	TD	Status
								XX
05-123-48324, Apache 8-19-1L CONFLUENCE DJ LLC	458430	SWSW 4 4N -63W (6) 40.336600, -104.451600	Sidetrack	Formation	Top	Bottom	TD	Status
								XX
05-123-48325, Apache 8-1-4L CONFLUENCE DJ LLC	458430	SWSW 4 4N -63W (6) 40.335980, -104.451080	Sidetrack	Formation	Top	Bottom	TD	Status
								XX
05-123-48326, Apache 8-9-3L CONFLUENCE DJ LLC	458430	SWSW 4 4N -63W (6) 40.336660, -104.451060	Sidetrack	Formation	Top	Bottom	TD	Status
								XX
05-123-48327, Apache 8-14-2L CONFLUENCE DJ LLC	458430	SWSW 4 4N -63W (6) 40.336190, -104.451610	Sidetrack	Formation	Top	Bottom	TD	Status
								XX

05-123-48328, Apache 8-4-1L CONFLUENCE DJ LLC	458430 SWSW 4 4N -63W (6) 40.336180, -104.451070	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48329, Apache 8-12-3L CONFLUENCE DJ LLC	458430 SWSW 4 4N -63W (6) 40.335990, -104.451610	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48330, Apache 8-6-4L CONFLUENCE DJ LLC	458430 SWSW 4 4N -63W (6) 40.336810, -104.451600	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48331, Apache 8-20-2L CONFLUENCE DJ LLC	458430 SWSW 4 4N -63W (6) 40.336670, -104.451600	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48332, Apache 8-3-4L CONFLUENCE DJ LLC	458430 SWSW 4 4N -63W (6) 40.336600, -104.451060	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48333, Apache 8-11-2L CONFLUENCE DJ LLC	458430 SWSW 4 4N -63W (6) 40.336800, -104.451060	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48334, Apache 8-15-3L CONFLUENCE DJ LLC	458430 SWSW 4 4N -63W (6) 40.336260, -104.451610	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48335, Apache 8-16-1L CONFLUENCE DJ LLC	458430 SWSW 4 4N -63W (6) 40.336330, -104.451610	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48336, Apache 8-7-1L CONFLUENCE DJ LLC	458430 SWSW 4 4N -63W (6) 40.336460, -104.451070	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48337, Apache 8-5-2L CONFLUENCE DJ LLC	458430 SWSW 4 4N -63W (6) 40.336250, -104.451070	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48338, Apache 8-5-4L CONFLUENCE DJ LLC	458430 SWSW 4 4N -63W (6) 40.336470, -104.451600	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48434, Silverton 5-5-2L CONFLUENCE DJ LLC	458676 SWNW 4 4N -63W (6) 40.341390, -104.451510	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48435, Silverton 5-7-1L CONFLUENCE DJ LLC	458676 NWSW 4 4N -63W (6) 40.341180, -104.451520	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48436, Silverton 5-6-3L CONFLUENCE DJ LLC	458676 SWNW 4 4N -63W (6) 40.341250, -104.451510	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48437, Silverton 5-2-2L CONFLUENCE DJ LLC	458676 SWNW 4 4N -63W (6) 40.341600, -104.451510	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48438, Silverton 5-4-1L CONFLUENCE DJ LLC	458676 SWNW 4 4N -63W (6) 40.341460, -104.451510	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48439, Silverton 5-2-4L CONFLUENCE DJ LLC	458676 SWNW 4 4N -63W (6) 40.341320, -104.451510	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48440, Silverton 5-8-2L CONFLUENCE DJ LLC	458676 NWSW 4 4N -63W (6) 40.341120, -104.451520	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48441, Silverton 5-3-4L CONFLUENCE DJ LLC	458676 NWSW 4 4N -63W (6) 40.341050, -104.451520	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48442, Silverton 5-1-1L CONFLUENCE DJ LLC	458676 SWNW 4 4N -63W (6) 40.341730, -104.451510	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48443, Silverton 5-1-4L CONFLUENCE DJ LLC	458676 SWNW 4 4N -63W (6) 40.341660, -104.451510	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48444, Silverton 5-3-3L CONFLUENCE DJ LLC	458676 SWNW 4 4N -63W (6) 40.341530, -104.451510	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-48493, Wetco 4-63-05-5764DB HIGHPOINT OPERATING CORPORATION	458768 NWSW 4 4N -63W (6) 40.339824, -104.449947	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-48494, Wetco 4-63-5-4033B HIGHPOINT OPERATING CORPORATION	458768 NWSW 4 4N -63W (6) 40.339926, -104.449714	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-48495, Wetco 4-63-05-4033CB HIGHPOINT OPERATING CORPORATION	458768 NWSW 4 4N -63W (6) 40.339946, -104.449667	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-48496, Wetco 4-63-5-4148D HIGHPOINT OPERATING CORPORATION	458768 NWSW 4 4N -63W (6) 40.339905, -104.449760	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-48497, Wetco 4-63-5-5648B HIGHPOINT OPERATING CORPORATION	458768 NWSW 4 4N -63W (6) 40.339885, -104.449807	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-48498, Wetco 4-63-5-5764B HIGHPOINT OPERATING CORPORATION	458768 NWSW 4 4N -63W (6) 40.339844, -104.449901	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-48499, Wetco 4-63-5-5649C HIGHPOINT OPERATING CORPORATION	458768 NWSW 4 4N -63W (6) 40.339865, -104.449854	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-19881, WYSCAVER 5-14	330924 SWSW 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status

PDC ENERGY INC	40.336420, -104.469390		0 NB-CD	6450	6640	7287	PR
05-123-19884, BAKER 5-41	330926 NENE 5 4N -63W (6)	Sidetrack	0 JSND	7083	7297	7287	AB
PDC ENERGY INC	40.347310, -104.454110		Formation	Top	Bottom	TD	Status
			0 NB-CD	6248	6524	7194	AB
			0 NBRR	6248	6340	7194	CM
			0 CODL	6516	6524	7194	CM
			0 JSND	6976	7054	7194	AB
05-123-20810, CARMIN 43-5	331510 NESE 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.339521, -104.454148		0 DK-J	7328	7362	7430	CM
			0 NB-CD	6402	6598	7430	PR
			0 JSND	7045	7100	7430	PR
			0 DKTA	7328	7362	7430	PR
05-123-20836, CARMIN 34-5	331524 SWSE 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.335715, -104.459013		0 NBRR	6508	6592	7525	PR
			0 JSND	7084	7148	7525	SI
05-123-20863, BAKER 32-5	331532 SWNE 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.344140, -104.459920		0 JSND	7040	7085	7582	AB
05-123-20864, SMITH 21-5	331533 NENW 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.345384, -104.463392		0 DK-J			7470	CM
			0 NB-CD	6510	6600	7470	SI
			0 JSND	7060		7470	SI
			0 DKTA	7340	7398	7470	SI
05-123-20905, WYSCAVER 23-5	331561 NESW 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.339890, -104.464560		0 JSND	7100	7138	7582	AB
			0 DKTA	7370	7398	7582	AB
05-123-20906, CURD 12-5	331562 SWNW 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.345401, -104.468884		0 NB-CD	6440	6604	7442	SI
			0 JSND	7050		7442	SI
			0 DKTA	7350	7396	7442	AB
05-123-21296, Baker 42-5	331781 SENE 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.343060, -104.454330		0 NB-CD	6322	6577	7242	PR
			0 NBRR	6322	6404	7242	CM
			0 CODL	6569	6577	7242	CM
			0 JSND	7080	7092	7242	AB
05-123-21297, Baker 31-5	331782 NWNE 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.346310, -104.460000		0 NB-CD	6333	6608	7270	AB
			0 NBRR	6333	6423	7270	CM
			0 CODL	6600	6608	7270	CM
			0 JSND	7019	7029	7270	AB
05-123-21323, WYSCAVER 13-5	331801 NWSW 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.338920, -104.467780		0 JSND	7100	7149	7250	AB
05-123-21324, WYSCAVER 24-5	331802 SESW 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.335220, -104.463500		0 JSND	7118	7154	7267	SI
05-123-23686, Foley 22-05	305924 SENW 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.342590, -104.463900		0 NB-CD	6393	6647	7246	SI
			0 NBRR	6393	6488	7246	CM
			0 CODL	6637	6647	7246	CM
05-123-33489, Wycaver USX CC05-25	423015 SESW 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.337200, -104.465900		0 JNBCD	6456	7133	7256	CM
			0 NB-CD	6456	6650	7256	SI
			0 JSND	7096	7133	7256	SI
05-123-33502, CARMIN USX CC05-23D	331510 NESE 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.339530, -104.454460		0 NB-CD	6597	6777	7353	PR
			0 JSND	7190	7245	7353	PR
05-123-33503, CARMIN USX CC05-10D	331510 NESE 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.339530, -104.454530		0 NB-CD	6643	6722	7435	PR
			0 JSND	7274	7332	7435	PR
05-123-33505, CARMIN USX CC05-16D	331510 NESE 5 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.339530, -104.454390		0 NB-CD	6629	6824	7528	PR

05-123-33511, CARMIN USX CC05-17D NOBLE ENERGY INC	331510 NESE 5 4N -63W (6) 40.339530, -104.454320	Sidetrack	0 NBRR	6629	6714	7528	CM
			0 CODL	6812	6824	7528	CM
			0 JSND	7266	7322	7528	PR
			Formation	Top	Bottom	TD	Status
05-123-16199, SPIKE STATE CC 6-9 GERRITY OIL & GAS CORP	408771 NESE 6 4N -63W (6) 40.339276, -104.473632	Sidetrack	0 NB-CD	6808	7000	7925	PR
			0 NBRR	6808	6889	7925	CM
			0 CODL	6988	7000	7925	CM
			0 JSND	7444	7483	7925	PR
05-123-16200, DR JOE CC 6-10 NOBLE ENERGY INC	328607 NWSE 6 4N -63W (6) 40.339600, -104.478330	Sidetrack	0 DKTA	7766	7774	7925	PR
			Formation	Top	Bottom	TD	Status
							AL
			Formation	Top	Bottom	TD	Status
05-123-16204, SPIKE STATE CC 6-15 GERRITY OIL & GAS CORP	408772 SWSE 6 4N -63W (6) 40.335716, -104.478442	Sidetrack	0 NB-CD	6348	6615	7220	PR
			0 NBRR	6348	6446	7220	CM
			0 CODL	6604	6615	7220	CM
			Formation	Top	Bottom	TD	Status
05-123-16205, SPIKE STATE CC 6-16 GERRITY OIL & GAS CORP	408773 SESE 6 4N -63W (6) 40.335646, -104.473702	Sidetrack					AL
			Formation	Top	Bottom	TD	Status
							AL
			Formation	Top	Bottom	TD	Status
05-123-23265, Dr. Joe CC 06-15 NOBLE ENERGY INC	305626 SWSE 6 4N -63W (6) 40.335890, -104.478270	Sidetrack	0 JSND	7078	7089	7233	PR
			Formation	Top	Bottom	TD	Status
			0 JSND	7068	7104	7248	PR
			Formation	Top	Bottom	TD	Status
05-123-23267, Dr. Joe CC 06-16 NOBLE ENERGY INC	305628 SESE 6 4N -63W (6) 40.335440, -104.473550	Sidetrack	0 NB-CD	6346	6620	7227	PR
			0 NBRR	6346	6440	7227	CM
			0 CODL	6609	6620	7227	CM
			Formation	Top	Bottom	TD	Status
05-123-23268, DR JOE CC 6-9 NOBLE ENERGY INC	305629 NESE 6 4N -63W (6) 40.338970, -104.472890	Sidetrack	0 NB-CD	6344	6617	7209	PR
			0 NBRR	6344	6438	7209	CM
			0 CODL	6606	6617	7209	CM
			Formation	Top	Bottom	TD	Status
05-123-23269, DR JOE CC 6-23 NOBLE ENERGY INC	305630 NWSE 6 4N -63W (6) 40.337823, -104.475975	Sidetrack	0 NB-CD	6344	6617	7209	PR
			0 NBRR	6344	6438	7209	CM
			0 CODL	6606	6617	7209	CM
			Formation	Top	Bottom	TD	Status
05-123-19001, UPV 7-1I3 SNYDER OIL CORP	409291 NENE 7 4N -63W (6) 40.331997, -104.473722	Sidetrack					AL
			Formation	Top	Bottom	TD	Status
							AL
			Formation	Top	Bottom	TD	Status
05-123-19002, UPV 7-2I3 SNYDER OIL CORP	331075 NWNE 7 4N -63W (6) 40.332077, -104.478462	Sidetrack	0 CODL	6634	6642	6920	PR
			Formation	Top	Bottom	TD	Status
			0 CODL	6624	6632	6822	PR
			Formation	Top	Bottom	TD	Status
05-123-20115, MEYER 31-7 PDC ENERGY INC	331075 NWNE 7 4N -63W (6) 40.332310, -104.478080	Sidetrack	0 NB-CD	6448	6642	7258	PR
			0 NBRR	6448	6464	7258	CM
			0 CODL	6630	6642	7258	CM
			Formation	Top	Bottom	TD	Status
05-123-20868, MEYER 41-7 PDC ENERGY INC	331537 NENE 7 4N -63W (6) 40.331720, -104.473140	Sidetrack	0 NB-CD	6382	6853	6791	PR
			0 NBRR	6382	6472	6791	CM
			0 CODL	6840	6853	6791	CM
			Formation	Top	Bottom	TD	Status
05-123-24358, MEYER USX CC 7-17 NOBLE ENERGY INC	306283 NENE 7 4N -63W (6) 40.330454, -104.475385	Sidetrack	0 NB-CD	6456	6656	6794	PR
			0 NBRR	6456	6472	6794	CM
			0 CODL	6644	6656	6794	CM
			Formation	Top	Bottom	TD	Status
05-123-24359, MEYER USX CC 7-8 NOBLE ENERGY INC	306284 SENE 7 4N -63W (6) 40.328347, -104.473448	Sidetrack	0 N-COM			7300	SI
			0 JSND	7110	7140	7300	PR
			Formation	Top	Bottom	TD	Status
			0 JSND	7126	7176	7216	PR
05-123-24732, FRASIER-USX CC 7-7 NOBLE ENERGY INC	306475 SWNE 7 4N -63W (6) 40.328779, -104.478055	Sidetrack	Formation	Top	Bottom	TD	Status
							AL
			Formation	Top	Bottom	TD	Status
							AL
05-123-27349, Wolfe USX CC 07-09 NOBLE ENERGY INC	302202 NESE 7 4N -63W (6) 40.324550, -104.473440	Sidetrack	Formation	Top	Bottom	TD	Status
							AL
			Formation	Top	Bottom	TD	Status
							AL
05-123-07156, DUELL 1 CRESTONE PEAK RESOURCES OPERATING LLC	317544 NENE 8 4N -63W (6) 40.332097, -104.458320	Sidetrack	Formation	Top	Bottom	TD	Status
							AL
			Formation	Top	Bottom	TD	Status
							AL
05-123-29792, DUELL 42-8 ENCANA OIL & GAS (USA) INC	302781 SENE 8 4N -63W (6) 40.328370, -104.454920	Sidetrack	Formation	Top	Bottom	TD	Status
							AL
			Formation	Top	Bottom	TD	Status
							AL
05-123-29817, DUELL 22-8	302788 SENW 8 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
							AL
			Formation	Top	Bottom	TD	Status
							AL

ENCANA OIL & GAS (USA) INC	40.328511, -104.463990					AL
05-123-30085, DUELL 33-8	410054 NWSE 8 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD Status
ENCANA OIL & GAS (USA) INC	40.324800, -104.459470					AL
05-123-25662, GUTTERSEN RANCH 11-9	309970 NWNW 9 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD Status
BONANZA CREEK ENERGY OPERATING COMPANY L	40.331970, -104.450190		0 NB-CD	6368	6638	7236 PR
05-123-26186, GUTTERSEN RANCH 12-9	310292 SWNW 9 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD Status
BONANZA CREEK ENERGY OPERATING COMPANY L	40.328280, -104.450360		0 NB-CD	6402	6650	7237 PR
			0 JSND	7086	7094	7237 PR
05-123-30739, GUTTERSEN RANCH 9A	419301 SENW 9 4N -63W (6)	Sidetrack	Formation	Top	Bottom	TD Status
BONANZA CREEK ENERGY OPERATING COMPANY L	40.330190, -104.447810		0 JNBCD	6360	7078	7237 CM
			0 N-COM			7237 PR
			0 N-COM1			7237 PR