

Report Date: 5/6/2019

Bedrock Aquifer Evaluation Determination Tool

Denver Basin Aquifer - Specific Location Determination Tool

Applicant: PDC - SLW Ranch 42-7
(API 123-19433)

Receipt No:

Evaluated By:

Location: SE 1/4 of NE 1/4 of Sec. 7, T.5N, R.63W. (2126 NSL, 655 ESL)

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

Ground Surface Elevation: 4664 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 APPROP. (A-F)	STATUS
	Bot	Top		Bot	Top		
Upper Dawson	--	--	--	--	--	--	--
Lower Dawson	--	--	--	--	--	--	--
Denver	--	--	--	--	--	--	--
Upper Arapahoe	--	--	--	--	--	--	--
Lower Arapahoe	--	--	--	--	--	--	--
Laramie-Fox Hills	--	--	--	--	--	--	--

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 #	SLW Ranch 42-7 (API 123-19433)			OG GR	WW GR	Elev Diff
SB5 Base of Fox Hills	NA					
Deepest Water Well Within One Mile / number of wells	420	/	59	4664	4785	-121
Deepest Water Well Within Two Miles / number of wells		/				
Sussex / Shannon Production within one mile	Y	/				
Operator Existing Surface Casing Depth	319					
Production Casing to be pulled	1600					
Required aquifer protection depth in this well	420	-121	50	349		

Water Wells Selected From Map
Filter Results by Depth

420 ft
59 wells

WELL DESCRIPTION	LOCATION	WELL INFORMATION			Aquifer
		Depth	Top Perf	Bottom Perf	
Receipt=0918794, Permit=-- GREELEY CITY OF	NENE 17 5.0 N -63.0 W		0	0	0 ALL UNNAMED AQUIFERS
Receipt=3610303, Permit=271498--- S L W RANCH	NWSW 18 5.0 N -63.0 W	38	25	35	ALL UNNAMED AQUIFERS
Receipt=0254374, Permit=-- PUTNAM, LAKE	NWNE 19 5.0 N -63.0 W	0	0		0 ALL UNNAMED AQUIFERS
Receipt=0376550A, Permit=183901--- COCKROFT DAIRY FARMS	SENE 19 5.0 N -63.0 W	60	0		0 ALL UNNAMED AQUIFERS
Receipt=0376550B, Permit=183901--A-- COCKROFT DAIRY FARMS	SENE 19 5.0 N -63.0 W	56	36	56	ALL UNNAMED AQUIFERS
Receipt=0201421, Permit=12495-R-R-- CHRISTENSEN, F	SENE 19 5.0 N -63.0 W	48	28	44	ALL UNNAMED AQUIFERS
Receipt=0024667, Permit=94454-VE-- COCKROFT DAIRY FARMS	SENE 19 5.0 N -63.0 W	0	0		0 ALL UNNAMED AQUIFERS
Receipt=3621287, Permit=275447--- COCKROFT, LOREN	NENW 19 5.0 N -63.0 W	12	6	12	ALL UNNAMED AQUIFERS
Receipt=0918783, Permit=-- GREELEY CITY OF	SWNE 4 5.0 N -63.0 W	0	0		0 ALL UNNAMED AQUIFERS
Receipt=0058577, Permit=310748--- COLORADO STATE BOARD OF LAND COMMISSIONE	NWNW 4 5.0 N -63.0 W	420	0		0 ALL UNNAMED AQUIFERS
Receipt=0058610, Permit=311159--- COLORADO STATE BOARD OF LAND COMMISSIONE	NWNW 4 5.0 N -63.0 W	0	0		0 ALL UNNAMED AQUIFERS
Receipt=0918781, Permit=-- GREELEY CITY OF	SENE 5 5.0 N -63.0 W	0	0		0 ALL UNNAMED AQUIFERS
Receipt=03357320, Permit=163702--- CENTRAL COLO WTR CONSERVANCY DIST	NESE 6 5.0 N -63.0 W	0	0		0 UNCONFINED SAN LUIS VALL
Receipt=0918791, Permit=-- GREELEY CITY OF	NENE 7 5.0 N -63.0 W	0	0		0 ALL UNNAMED AQUIFERS
Receipt=0918782, Permit=-- GREELEY CITY OF	NENE 8 5.0 N -63.0 W	0	0		0 ALL UNNAMED AQUIFERS
Receipt=0918792, Permit=-- GREELEY CITY OF	SWNE 9 5.0 N -63.0 W	0	0		0 ALL UNNAMED AQUIFERS
Receipt=0918787, Permit=-- GREELEY CITY OF	NESW 9 5.0 N -63.0 W	0	0		0 ALL UNNAMED AQUIFERS
Receipt=0508810B, Permit=249115--A-- SLW RANCH COMPANY	SENE 1 5.0 N -64.0 W	100	10	20	ALL UNNAMED AQUIFERS
Receipt=0508810A, Permit=249115--- SLW RANCH COMPANY	NWSE 1 5.0 N -64.0 W	0	0		0 ALL UNNAMED AQUIFERS
Receipt=0045434L, Permit=266184--- CO WATER CONSERVATION BOARD	NESE 11 5.0 N -64.0 W	43	23	43	ALL UNNAMED AQUIFERS
Receipt=0017939, Permit=91316-VE-- COCKROFT, LOREN	NWSW 11 5.0 N -64.0 W	0	0		0 ALL UNNAMED AQUIFERS
Receipt=3654229, Permit=-- SLW RANCH COMPANY	SENW 12 5.0 N -64.0 W	5	0		0 ALL UNNAMED AQUIFERS
Receipt=3664845, Permit=294758--- SLW RANCH COMPANY	SENW 12 5.0 N -64.0 W	5	0		0 ALL UNNAMED AQUIFERS
Receipt=3654662, Permit=78480--A-- SLW RANCH COMPANY	SWNW 12 5.0 N -64.0 W	90	50	90	ALL UNNAMED AQUIFERS
Receipt=9065503, Permit=78480--- S W RANCH CO & THOMSON JOY	SWNW 12 5.0 N -64.0 W	0	0		0 ALL UNNAMED AQUIFERS
Receipt=9058701, Permit=1437-R-- SMITH, D V	SWNW 12 5.0 N -64.0 W	80	0		0 ALL UNNAMED AQUIFERS
Receipt=C620655, Permit=655-WCB--	NESE 12	80	59	80	ALL UNNAMED AQUIFERS

SMITH, D V	5.0 N -64.0 W			
Receipt=3664846, Permit=294759---	NWSE 12	5	0	0 ALL UNNAMED AQUIFERS
SLW RANCH COMPANY	5.0 N -64.0 W			
Receipt=3654230, Permit=---	NWSE 12	5	0	0 ALL UNNAMED AQUIFERS
SLW RANCH COMPANY	5.0 N -64.0 W			
Receipt=9065502, Permit=78479---	SWSE 12	0	0	0 ALL UNNAMED AQUIFERS
S L W RANCH CO	5.0 N -64.0 W			
Receipt=9065504, Permit=78481---	SWSW 12	0	0	0 ALL UNNAMED AQUIFERS
S L W RANCH CO & THOMSON JOY	5.0 N -64.0 W			
Receipt=C620654, Permit=654-WCB--	NE 13	56	0	0 ALL UNNAMED AQUIFERS
ERICKSON, E W	5.0 N -64.0 W			
Receipt=0210976, Permit=118414---	NENE 13	0	0	0 ALL UNNAMED AQUIFERS
MC, KELVEY D	5.0 N -64.0 W			
Receipt=9059505, Permit=6140-R--	NWNE 13	56	38	56 ALL UNNAMED AQUIFERS
LOHR, RALPH E	5.0 N -64.0 W			
Receipt=9058979, Permit=2932-F--	SWNE 13	62	30	62 ALL UNNAMED AQUIFERS
AJR FARMS	5.0 N -64.0 W			
Receipt=0030555, Permit=97130-VE--	SWNE 13	0	0	0 ALL UNNAMED AQUIFERS
LOHR, RALPH	5.0 N -64.0 W			
Receipt=0414508A, Permit=202952---	SWNE 13	28	0	0 ALL UNNAMED AQUIFERS
LOHR, RALPH	5.0 N -64.0 W			
Receipt=0414508B, Permit=202952--A--	SWNE 13	40	20	40 ALL UNNAMED AQUIFERS
LOHR, RALPH	5.0 N -64.0 W			
Receipt=9061973, Permit=14512-R--	NENW 13	0	0	0 ALL UNNAMED AQUIFERS
HOSHIKO PAUL & JEAN	5.0 N -64.0 W			
Receipt=9061679, Permit=13619-R--	NWNW 13	42	0	0 ALL UNNAMED AQUIFERS
OGILVIE, JAMES L	5.0 N -64.0 W			
Receipt=9061680, Permit=13620-R--	NWNW 13	0	0	0 ALL UNNAMED AQUIFERS
OGILVIE, JAMES L	5.0 N -64.0 W			
Receipt=9061799, Permit=13947-R--	NWNW 13	94	64	94 ALL UNNAMED AQUIFERS
HOSHIKO, JEAN A	5.0 N -64.0 W			
Receipt=C620795, Permit=795-WCB--	SENE 13	73	0	0 ALL UNNAMED AQUIFERS
DEPPE, GLENN	5.0 N -64.0 W			
Receipt=0044079, Permit=44079-MH--	SENE 13	0	0	0 ALL UNNAMED AQUIFERS
COLORADO WATER CONSERVATION BOARD	5.0 N -64.0 W			
Receipt=9061540, Permit=13297-R--	NWSE 13	0	0	0 ALL UNNAMED AQUIFERS
SLW RANCH COMPANY	5.0 N -64.0 W			
Receipt=3665576, Permit=78367-F--	SESE 13	0	0	0 QUATERNARY ALLUVIUM
SLW FARM COMPANY LLC	5.0 N -64.0 W			
Receipt=3658171, Permit=77114-F--	SESE 13	43	23	43 QUATERNARY ALLUVIUM
NC WATER LLC	5.0 N -64.0 W			
Receipt=9059776, Permit=7011-R--	SWSE 13	0	0	0 ALL UNNAMED AQUIFERS
SLW RANCH COMPANY	5.0 N -64.0 W			
Receipt=0045434K, Permit=267135---	NESW 13	45	25	45 ALL UNNAMED AQUIFERS
CO WATER CONSERVATION BOARD	5.0 N -64.0 W			
Receipt=9061168, Permit=12457-R--	SWSW 13	0	0	0 ALL UNNAMED AQUIFERS
J & L GEHRING	5.0 N -64.0 W			
Receipt=0025030A, Permit=---	SESE 2	0	0	0 ALL UNNAMED AQUIFERS
BERQUIST, H J	5.0 N -64.0 W			
Receipt=9058378, Permit=245-RD--	NESW 31	59	0	0 ALL UNNAMED AQUIFERS
DEVRIES, GARRETT D	6.0 N -63.0 W			
Receipt=0371561B, Permit=181931---	NWSW 31	30	0	0 ALL UNNAMED AQUIFERS
MILLER JR JACOB & SHIRLEY L	6.0 N -63.0 W			
Receipt=0371561C, Permit=181932---	SWSW 31	30	0	0 ALL UNNAMED AQUIFERS
MILLER JR JACOB & SHIRLEY L	6.0 N -63.0 W			
Receipt=0393750, Permit=181932--A--	SWSW 31	75	55	75 ALL UNNAMED AQUIFERS
MILLER, JOHN	6.0 N -63.0 W			
Receipt=0027105, Permit=95505-VE--	SWSW 31	0	0	0 ALL UNNAMED AQUIFERS

MILLER, JOHN	6.0 N -63.0 W			
Receipt=0918779, Permit=--	NWSW 32	0	0	0 ALL UNNAMED AQUIFERS
GREELEY CITY OF	6.0 N -63.0 W			
Receipt=9059093, Permit=3792-F--	SESE 36	0	0	0 ALL UNNAMED AQUIFERS
BASHOR,, MILLARD C	6.0 N -64.0 W			
Receipt=0005801, Permit=2843-AD--	SESW 36	0	0	0 ALL UNNAMED AQUIFERS
BATES, DAVID E	6.0 N -64.0 W			

Oil and Gas Wells Selected

Filter Results by Formation

WELL DESCRIPTION	LOCATION ID	LOCATION	WELL INFORMATION						
05-123-18860, UPV 5-5H3 NOBLE ENERGY INC	330319	SWNW 5 5N -63W (6) 40.429766, -104.467816	Sidetrack	Formation	Top	Bottom	TD	Status	
05-123-18862, UPV 5-11H3 SNYDER OIL CORP	409242	NESW 5 5N -63W (6) 40.426815, -104.463152	Sidetrack	0 CODL	6764	6784	6924	AB	
05-123-18863, UPV 5-12H3 SNYDER OIL CORP	409243	NWSW 5 5N -63W (6) 40.426785, -104.467892	Sidetrack	Formation	Top	Bottom	TD	Status	AL
05-123-18864, UPV 5-13H3 SNYDER OIL CORP	409244	SWSW 5 5N -63W (6) 40.423195, -104.467892	Sidetrack	Formation	Top	Bottom	TD	Status	AL
05-123-18865, UPV 5-14H3 SNYDER OIL CORP	409245	SESW 5 5N -63W (6) 40.423216, -104.463152	Sidetrack	Formation	Top	Bottom	TD	Status	AL
05-123-19022, UPV 5-15H3 SNYDER OIL CORP	309709	SWSE 5 5N -63W (6) 40.423216, -104.458352	Sidetrack	Formation	Top	Bottom	TD	Status	AL
05-123-24998, WELLS RANCH - USX BB 5-25 NOBLE ENERGY INC	306606	NWSW 5 5N -63W (6) 40.425070, -104.465820	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD	6530	6790	7005	AB	
				0 NBRR	6530	6650	7005	AB	
				0 CODL	6780	6790	7005	AB	
05-123-25281, WELLS RANCH-USX BB 5-15 NOBLE ENERGY INC	309709	SWSE 5 5N -63W (6) 40.423280, -104.458410	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD	6516	6795	6972	AB	
				0 NBRR	6516	6624	6972	CM	
				0 CODL	6784	6795	6972	CM	
05-123-25282, WELLS RANCH-USX BB 5-13 NOBLE ENERGY INC	309710	SWSW 5 5N -63W (6) 40.422900, -104.468170	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD	6512	6797	6974	CM	
				0 NBRR	6512	6624	6974	AB	
				0 CODL	6787	6797	6974	AB	
05-123-26211, WELLS RANCH-USX BB 5-11 NOBLE ENERGY INC	310311	NESW 5 5N -63W (6) 40.427138, -104.462731	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD	6556	6796	6998	AB	
				0 NBRR	6556	6622	6998	CM	
				0 CODL	6786	6796	6998	CM	
05-123-26231, WELLS RANCH -USX BB 5-12 NOBLE ENERGY INC	310322	NWSW 5 5N -63W (6) 40.426581, -104.467482	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD	6590	6779	6971	AB	
				0 NBRR	6590	6608	6971	CM	
				0 CODL	6769	6779	6971	CM	
05-123-26469, WELLS RANCH - USX BB 5-14 NOBLE ENERGY INC	310488	SESW 5 5N -63W (6) 40.423503, -104.463001	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD	6518	6807	6974	AB	
				0 NBRR	6518	6633	6974	CM	
				0 CODL	6795	6807	6974	AB	
05-123-12994, SKURICH ROTHE 14-6 PDC ENERGY INC	323419	SWSW 6 5N -63W (6) 40.423170, -104.486330	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD	6467	6770	6865	SI	
				0 NBRR	6467	6676	6865	CM	
				0 CODL	6759	6770	6865	CM	
05-123-13125, SKURICH-ROTHE 34-6 PDC ENERGY INC	323504	SWSE 6 5N -63W (6) 40.423250, -104.477140	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 CODL	6736	6749	6857	CM	
				0 NB-CD	6470	6746	6857	PR	
				0 NBRR	6470	6658	6857	CM	
05-123-13146, SKURICH-ROTHE 43-6 PDC ENERGY INC	323520	NESE 6 5N -63W (6) 40.427060, -104.473000	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 CODL	6751	6762	6868	CM	
				0 NB-CD	6481	6762	6868	AB	
				0 NBRR	6481	6670	6868	CM	
05-123-13258, SKURICH-ROTHE 44-6 PDC ENERGY INC	323603	SESE 6 5N -63W (6) 40.423390, -104.472440	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD	6497	6782	7420	AB	
				0 NBRR	6497	6686	7420	CM	
				0 CODL	6773	6782	7420	CM	
05-123-18996, SKURICH ROTH 23-6 PDC ENERGY INC	330379	NESW 6 5N -63W (6) 40.426810, -104.481750	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD	6546	6737	6904	SI	
				0 NBRR	6546	6562	6904	CM	

05-123-19232, SKURICH ROTH 24-6 PDC ENERGY INC	330515 SESW 6 5N -63W (6) 40.423310, -104.481720	Sidetrack	0 CODL 6725 6904 CM Formation Top Bottom TD Status 0 NB-CD 6562 6744 6999 SI 0 CODL 6732 6999 CM
05-123-19432, SKURICH ROTH 33-6 PDC ENERGY INC	330662 NWSE 6 5N -63W (6) 40.426670, -104.477190	Sidetrack	Formation Top Bottom TD Status 0 NB-CD 6594 6742 6974 SI 0 CODL 6732 6974 CM
05-123-20697, SKURICH/ROTHER 6A PDC ENERGY INC	331446 SE 6 5N -63W (6) 40.425000, -104.474690	Sidetrack	Formation Top Bottom TD Status 0 CODL 6758 6766 6953 PR
05-123-13689, SKURICH 23-7 PDC ENERGY INC	408327 NESW 7 5N -63W (6) 40.412066, -104.481923	Sidetrack	Formation Top Bottom TD Status 0 CODL 6728 6864 AB
05-123-13690, SKURICH 33-7 PDC ENERGY INC	326798 NWSE 7 5N -63W (6) 40.412360, -104.477080	Sidetrack	Formation Top Bottom TD Status 0 CD-FH 6461 6746 6837 CM 0 NBFHC 6461 6746 6837 SI 0 NBRR 6461 6574 6837 CM
05-123-13717, SKURICH 21-7 PDC ENERGY INC	326819 NENW 7 5N -63W (6) 40.419560, -104.481920	Sidetrack	Formation Top Bottom TD Status 0 CD-FH 6864 CM 0 NB-CD 6458 6738 6864 PR 0 NBRR 6458 6566 6864 CM 0 FTHYS 6711 6726 6864 CM 0 CODL 6730 6738 6864 CM
05-123-14864, SLW RANCH 31-7 PDC ENERGY INC	327563 NWNW 7 5N -63W (6) 40.419580, -104.477390	Sidetrack	Formation Top Bottom TD Status 0 NB-CD 6469 6746 6898 SI 0 NBRR 6469 6572 6898 CM 0 CODL 6734 6746 6898 CM
05-123-14865, SLW RANCH 32-7 PDC ENERGY INC	327564 SWNE 7 5N -63W (6) 40.416060, -104.478060	Sidetrack	Formation Top Bottom TD Status 0 NB-CD 6555 6751 6900 SI 0 NBRR 6560 6760 6900 CM 0 CODL 6739 6751 6900 CM
05-123-14866, SLW RANCH 22-7 PDC ENERGY INC	327565 SENW 7 5N -63W (6) 40.415920, -104.481920	Sidetrack	Formation Top Bottom TD Status 0 NB-CD 6478 6743 6887 SI 0 NBRR 6470 6887 CM 0 CODL 6730 6743 6887 CM
05-123-15067, SLW RANCH 24-7 PDC ENERGY INC	327717 SESW 7 5N -63W (6) 40.407810, -104.481860	Sidetrack	Formation Top Bottom TD Status 0 CODL 6686 6699 6856 PR
05-123-15068, SLW RANCH 44-7 PDC ENERGY INC	327718 SESE 7 5N -63W (6) 40.407720, -104.472530	Sidetrack	Formation Top Bottom TD Status 0 NB-CD 6462 6754 6904 PR 0 NBRR 6462 6574 6904 CM 0 CODL 6742 6754 6904 CM
05-123-19363, SKURICH 11-7 PDC ENERGY INC	330617 NWNW 7 5N -63W (6) 40.419500, -104.486500	Sidetrack	Formation Top Bottom TD Status 0 NB-CD 6486 6741 6955 SI 0 NBRR 6486 6574 6955 CM 0 CODL 6731 6741 6955 CM
05-123-19364, SKURICH 13-7 PDC ENERGY INC	330618 NWSW 7 5N -63W (6) 40.411670, -104.486780	Sidetrack	Formation Top Bottom TD Status 0 NB-CD 6458 6720 6937 AB 0 NBRR 6458 6544 6937 CM 0 CODL 6710 6720 6937 CM
05-123-19433, SLW RANCH 42-7 PDC ENERGY INC	330663 SENE 7 5N -63W (6) 40.415830, -104.472610	Sidetrack	Formation Top Bottom TD Status 0 NB-CD 6473 6739 6974 SI 0 NBRR 6473 6572 6974 CM 0 CODL 6728 6974 CM
05-123-19823, SLW RANCH 34-7 PDC ENERGY INC	330885 SWSE 7 5N -63W (6) 40.407690, -104.476890	Sidetrack	Formation Top Bottom TD Status 0 NB-CD 6470 6732 7000 PR 0 NBRR 6470 6558 7000 CM 0 CODL 6722 6732 7000 CM
05-123-20044, SKURICH 43-7 PDC ENERGY INC	331025 NESE 7 5N -63W (6) 40.411670, -104.472560	Sidetrack	Formation Top Bottom TD Status 0 NB-CD 6463 6746 7002 SI 0 NBRR 6463 6576 7002 CM 0 CODL 6736 6744 7002 CM

05-123-20062, SLW RANCH 41-7 PDC ENERGY INC	331040 NENE 7 5N -63W (6) 40.419440, -104.472560	Sidetrack	Formation 0 NB-CD 0 NBRR 0 CODL	Top 6745 6560 6737	Bottom 6560 6760 6745	TD 7026 7026 7026	Status SI CM CM
05-123-20108, SLW RANCH 12-7 PDC ENERGY INC	331339 SWNW 7 5N -63W (6) 40.415545, -104.486603	Sidetrack	Formation	Top	Bottom	TD	Status AL
05-123-20390, SKURICH/SLW RANCH 7A PDC ENERGY INC	331256 NWSE 7 5N -63W (6) 40.409780, -104.475000	Sidetrack	Formation 0 NB-CD 0 NBRR 0 CODL	Top 6499 6499 6709	Bottom 6717 6597 6717	TD 6950 6950 6950	Status PR CM CM
05-123-20487, SLW RANCH 7C PDC ENERGY INC	409573 NE 7 5N -63W (6) 40.417436, -104.474922	Sidetrack	Formation	Top	Bottom	TD	Status AL
05-123-20499, SKURICH/SLW 7D PDC ENERGY INC	331325 NW 7 5N -63W (6) 40.417470, -104.483720	Sidetrack	Formation 0 CODL	Top 6730	Bottom 6738	TD 6985	Status AB
05-123-20500, SLW RANCH 14-7 PDC ENERGY INC	331326 SWSW 7 5N -63W (6) 40.408000, -104.487060	Sidetrack	Formation 0 CODL	Top 6691	Bottom 6699	TD 6934	Status AB
05-123-20519, SLW RANCH 12-7 PDC ENERGY INC	331339 SWNW 7 5N -63W (6) 40.415560, -104.486920	Sidetrack	Formation 0 CODL	Top 6731	Bottom 6739	TD 6955	Status SI
05-123-20551, SKURICH/SLW 7B PDC ENERGY INC	331354 NWSW 7 5N -63W (6) 40.410140, -104.484330	Sidetrack	Formation 0 CODL	Top 6712	Bottom 6720	TD 6925	Status AB
05-123-47006, SLW RANCH STATE BB07-653 NOBLE ENERGY INC	455356 LOT 2 7 5N -63W (6) 40.416880, -104.485980	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-47007, SLW RANCH STATE BB07-660 NOBLE ENERGY INC	455356 Lot 2 7 5N -63W (6) 40.416940, -104.485980	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-47008, SLW RANCH STATE BB06-690 NOBLE ENERGY INC	455356 Lot 2 7 5N -63W (6) 40.417250, -104.485970	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-47107, SLW RANCH STATE BB07-685 NOBLE ENERGY INC	455356 LOT 2 7 5N -63W (6) 40.417190, -104.485970	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-47108, SLW RANCH STATE BB07-678 NOBLE ENERGY INC	455356 Lot 2 7 5N -63W (6) 40.417120, -104.485970	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-47109, SLW RANCH STATE BB07-673 NOBLE ENERGY INC	455356 Lot 2 7 5N -63W (6) 40.417060, -104.485980	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-47110, SLW RANCH STATE BB07-668 NOBLE ENERGY INC	455356 Lot 2 7 5N -63W (6) 40.417000, -104.485980	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-47401, SLW RANCH STATE BB07-633 NOBLE ENERGY INC	456174 Lot 3 7 5N -63W (6) 40.410910, -104.488800	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-47402, SLW RANCH STATE BB07-650 NOBLE ENERGY INC	456174 Lot 3 7 5N -63W (6) 40.411030, -104.488790	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-47403, SLW RANCH STATE BB07-639 NOBLE ENERGY INC	456174 Lot 3 7 5N -63W (6) 40.410970, -104.488790	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-47404, SLW RANCH STATE BB07-627 NOBLE ENERGY INC	456174 Lot 3 7 5N -63W (6) 40.410850, -104.488800	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-47405, SLW RANCH STATE BB07-615 NOBLE ENERGY INC	456174 Lot 3 7 5N -63W (6) 40.410720, -104.488800	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-47406, SLW RANCH STATE BB07-621 NOBLE ENERGY INC	456174 Lot 3 7 5N -63W (6) 40.410780, -104.488800	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-47407, SLW RANCH STATE BB07-646 NOBLE ENERGY INC	456174 Lot 3 7 5N -63W (6) 40.411030, -104.488790	Sidetrack	Formation	Top	Bottom	TD	Status AL
05-123-15069, STATE 11-8 PDC ENERGY INC	327719 NWNW 8 5N -63W (6) 40.419640, -104.467830	Sidetrack	Formation 0 NB-CD 0 NBRR 0 CODL	Top 6501 6501 6778	Bottom 6790 6617 6790	TD 6926 6926 6926	Status AB CM CM
05-123-19233, STATE LEASE 5519 22-8 PDC ENERGY INC	330516 SENW 8 5N -63W (6) 40.416310, -104.462780	Sidetrack	Formation 0 NB-CD 0 CODL	Top 6664 6838	Bottom 6848 7080	TD 7080 7080	Status SI CM
05-123-19365, STATE 5519 13-8 PDC ENERGY INC	330619 NWSW 8 5N -63W (6) 40.411860, -104.468190	Sidetrack	Formation 0 CODL	Top 6762	Bottom 6786	TD 6981	Status AB
05-123-19434, STATE 5519 33-8 PDC ENERGY INC	330664 NWSE 8 5N -63W (6) 40.411720, -104.458470	Sidetrack	Formation 0 NB-CD	Top 6625	Bottom 6802	TD 7066	Status PR

05-123-19822, STATE 5519 12-8 PDC ENERGY INC	330884 SWNW 8 5N -63W (6) 40.415560, -104.467920	Sidetrack	0 CODL	6793	7066	CM
05-123-19824, STATE 5519 23-8 PDC ENERGY INC	330886 NESW 8 5N -63W (6) 40.411750, -104.463140	Sidetrack	Formation	Top	Bottom	TD Status
			0 CODL	6761	6771	7100 AB
			Formation	Top	Bottom	TD Status
			0 NB-CD	6593	6776	7000 SI
			0 NBRR	6593	6608	7000 CM
			0 CODL	6766	6776	7000 CM
			Formation	Top	Bottom	TD Status
05-123-19925, STATE 5519 8-34 PDC ENERGY INC	330952 SWSE 8 5N -63W (6) 40.407890, -104.458330	Sidetrack	0 NB-CD	6514	6798	7000 PR
			0 NBRR	6514	6618	7000 CM
			0 CODL	6788	6798	7000 CM
			Formation	Top	Bottom	TD Status
05-123-20064, STATE 5519 24-8 PDC ENERGY INC	331042 SESW 8 5N -63W (6) 40.407580, -104.463780	Sidetrack	0 CODL	6763	6771	7078 AB
05-123-20065, STATE 5519 14-8 PDC ENERGY INC	331043 SWSW 8 5N -63W (6) 40.407330, -104.468500	Sidetrack	Formation	Top	Bottom	TD Status
05-123-20136, STATE 5519 21-8 PDC ENERGY INC	331089 NENW 8 5N -63W (6) 40.418580, -104.463440	Sidetrack	0 CODL	6741	6749	7014 AB
05-123-20334, STATE 5519 32-8 PDC ENERGY INC	331222 SWNE 8 5N -63W (6) 40.415310, -104.458780	Sidetrack	Formation	Top	Bottom	TD Status
			0 CODL	6812	6820	7045 AB
			Formation	Top	Bottom	TD Status
			0 CODL	6802	6810	7010 SI
			Formation	Top	Bottom	TD Status
05-123-20504, STATE 5519 8D PDC ENERGY INC	331329 NW 8 5N -63W (6) 40.417390, -104.465560	Sidetrack	0 CODL	6768	6776	7000 AB
05-123-20550, STATE 5519 8A PDC ENERGY INC	331353 SE 8 5N -63W (6) 40.409780, -104.456860	Sidetrack	Formation	Top	Bottom	TD Status
05-123-20675, STATE 5519 31-8 PDC ENERGY INC	331428 NWNE 8 5N -63W (6) 40.419110, -104.458420	Sidetrack	0 CODL	6815	6822	7012 PR
05-123-21056, STATE/SLW 8C PDC ENERGY INC	409645 NE 8 5N -63W (6) 40.417556, -104.455942	Sidetrack	Formation	Top	Bottom	TD Status
05-123-19023, UPV 17-3H3 SNYDER OIL CORP	409297 NENW 17 5N -63W (6) 40.405056, -104.463042	Sidetrack		Top	Bottom	TD Status
05-123-19024, UPV 17-4H3 SNYDER OIL CORP	330950 NWNW 17 5N -63W (6) 40.404966, -104.467762	Sidetrack		Top	Bottom	TD Status
05-123-19923, NATIONAL HOG FARM 17-11 PDC ENERGY INC	330950 NWNW 17 5N -63W (6) 40.404080, -104.467780	Sidetrack		Top	Bottom	TD Status
			Formation	Top	Bottom	TD Status
			0 NB-CD	6481	6744	6943 SI
			0 NBRR	6481	6589	6943 CM
			0 CODL	6736	6744	6943 CM
			Formation	Top	Bottom	TD Status
05-123-20016, NATIONAL HOG FARM 17-21 PDC ENERGY INC	331005 NENW 17 5N -63W (6) 40.404220, -104.462750	Sidetrack	0 NB-CD	6568	6756	7429 PR
			0 NBRR	6568	6584	7429 CM
			0 CODL	6746	6756	7429 CM
			0 JSND	7204		7429 AB
			Formation	Top	Bottom	TD Status
05-123-05187, STATE-S L W RANCH 1 UNKNOWN	404900 NENE 18 5N -63W (6) 40.404120, -104.472560	Sidetrack	0 UNK			7218 AB
05-123-14978, STATE 18-1 NOBLE ENERGY INC	327652 NENW 18 5N -63W (6) 40.404260, -104.481810	Sidetrack	Formation	Top	Bottom	TD Status
05-123-19277, DKW GREEN STATE BB 18-01 NOBLE ENERGY INC	330554 NENE 18 5N -63W (6) 40.403780, -104.473080	Sidetrack	0 NB-CD	6677	6687	6822 AB
05-123-19278, DKW GREEN STATE BB 18-02 NOBLE ENERGY INC	330555 NWNE 18 5N -63W (6) 40.404440, -104.477950	Sidetrack	Formation	Top	Bottom	TD Status
05-123-13777, TREBOR B12-8 NOBLE ENERGY INC	326858 SENE 12 5N -64W (6) 40.415640, -104.491250	Sidetrack	0 NB-CD	6439	6696	6848 AB
			Formation	Top	Bottom	TD Status
			0 NB-CD	6685	6695	6847 AB
			Formation	Top	Bottom	TD Status
			0 NB-CD	6492	6765	6919 SI
			0 NBRR	6481	6672	6919 CM
			0 CODL	6757	6765	6919 CM