

Report Date: 1/2/2019

Bedrock Aquifer Evaluation Determination Tool

Denver Basin Aquifer - Specific Location Determination Tool

Applicant: PDC - Ehrlich 14-32
(API 123-19318)

Receipt No:

Evaluated By:

Location: SW 1/4 of SW 1/4 of Sec. 32, T.6N, R.64W. (661 SSL, 651 WSL)

Basin Designation:

Ground Surface Elevation: 4641 Feet **Number of Acres:** 160

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							

Plug and Abandon Surface Casing Check

Operator	PDC						
API or Doc #	Ehrlich 14-32(API 123-19318)						
SB5 Base of Fox Hills	NA	L-FH		This well	G	WW	GR
Deepest Water Well Within One Mile / number of wells	165	/		69	4641	4630	11
Deepest Water Well Within Two Miles / number of wells		/					
Sussex / Shannon Production within one mile	N	/	N				
Operator Existing Surface Casing Depth	370						
Production Casing to be pulled	0						
Required aquifer protection depth in this well	165	11	176	50	226		

Water Wells Selected From Map
Filter Results by Depth

165

119

158

69

WELL DESCRIPTION	LOCATION	WELL INFORMATION		
		Depth	Top Perf	Bottom Perf Aquifer
Receipt=0501317A, Permit=51299-F-R-- CHURCH OF JESUS CHRIST	NWNE 5 5.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=C620824, Permit=824-WCB-- SITZMAN, JOHN	NWNE 5 5.0 N -64.0 W	91	0	0 ALL UNNAMED AQUIFERS
Receipt=0035548A, Permit=51299-F-- CHURCH OF JESUS CHRIST OF LDS	NWNE 5 5.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=9061822, Permit=13968-R-- CHURCH OF JESUS CHRIST	SWNE 5 5.0 N -64.0 W	86	0	0 ALL UNNAMED AQUIFERS
Receipt=9060869, Permit=11749--- SITZMAN, JOHN	SWNE 5 5.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=C620956, Permit=956-WCB-- SITZMAN, JOHN	NW 5 5.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=0311536, Permit=36479-F-R-- CHURCH OF JESUS CHRIST LATTER DAY SAINTS	NENW 5 5.0 N -64.0 W	52	39	49 ALL UNNAMED AQUIFERS
Receipt=0311536A, Permit=36479-F-- NOFFSINGER, ROBERT	NENW 5 5.0 N -64.0 W	0	39	49 ALL UNNAMED AQUIFERS
Receipt=0057883, Permit=57883-MH-- PDC ENERGY INC (ANGUS, ERIC)	SENE 5 5.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=9058742, Permit=1543--- RAYBURN JOHN MRS	SWNW 5 5.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=9061563, Permit=13379-R-- ZEHNDER STEVEN A & LOANN	NESE 5 5.0 N -64.0 W	90	0	0 ALL UNNAMED AQUIFERS
Receipt=9066419, Permit=127910--- ACHZIGER CHARLES L & LORENE	NWSE 5 5.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=9061101, Permit=12311-R-- CHURCH OF JESUS CHRIST	NESW 5 5.0 N -64.0 W	42	0	0 ALL UNNAMED AQUIFERS
Receipt=9063127, Permit=25535--- WEBSTERS FEED LOTS INC	NWNE 6 5.0 N -64.0 W	90	60	90 ALL UNNAMED AQUIFERS
Receipt=0012343, Permit=81-AD-- WEBSTERS FEED LOTS INC	NWNE 6 5.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=0900382, Permit=8772--- FLAT, REUBEN	NWNE 6 5.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=3610283E, Permit=65242-F-- DIAMOND FEEDERS LLC	NWNE 6 5.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=3610283G, Permit=65240-F-- FRONT RANGE FEEDLOTS LLC	SENE 6 5.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=3623977, Permit=65244-F-R-- FRONT RANGE FEEDLOTS, LLC	SENE 6 5.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=3625718, Permit=65240-F-R-- DIAMOND FEEDERS LLC	SENE 6 5.0 N -64.0 W	74	54	74 ALL UNNAMED AQUIFERS
Receipt=0902247, Permit=27955--- WEBSTER FEED LOTS INC	SENE 6 5.0 N -64.0 W	106	63	93 ALL UNNAMED AQUIFERS
Receipt=0916713, Permit=31343-F-- WEBSTER FEED LOTS INC	SENE 6 5.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=3610283C, Permit=65244-F-- DIAMOND FEEDERS LLC	SENE 6 5.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=3610283D, Permit=65243-F-- DIAMOND FEEDERS LLC	SENE 6 5.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=0012461, Permit=170-AD--	SENE 6	0	0	0 ALL UNNAMED AQUIFERS

WEBSTER FEED LOTS INC	5.0 N -64.0 W			
Receipt=9063366, Permit=27954---	SENE 6	106	63	93 ALL UNNAMED AQUIFERS
WEBSTER FEED LOTS INC	5.0 N -64.0 W			
Receipt=0273003, Permit=31343-F-R--	SENE 6	0	0	0 ALL UNNAMED AQUIFERS
WEBSTER FEED LOTS	5.0 N -64.0 W			
Receipt=3610283F, Permit=65241-F--	SWNE 6	0	0	0 ALL UNNAMED AQUIFERS
DIAMOND FEEDERS LLC	5.0 N -64.0 W			
Receipt=9060097, Permit=8948---	SWNE 6	63	33	63 ALL UNNAMED AQUIFERS
A & C FEED LOTS	5.0 N -64.0 W			
Receipt=9058452, Permit=335-RD-R--	NWNW 6	158	95	158 ALL UNNAMED AQUIFERS
FARR FARMS CO	5.0 N -64.0 W			
Receipt=9058302, Permit=145-RD-R--	NWNW 6	165	119	124 ALL UNNAMED AQUIFERS
FARR FARMS CO	5.0 N -64.0 W			
Receipt=9060597, Permit=11182-R--	SWNW 6	73	0	0 ALL UNNAMED AQUIFERS
STRAUSHEIM, RUDY	5.0 N -64.0 W			
Receipt=9061103, Permit=12312-R--	NESE 6	62	0	0 ALL UNNAMED AQUIFERS
CHURCH OF JESUS CHRIST	5.0 N -64.0 W			
Receipt=9061105, Permit=12313-R--	NWSE 6	0	0	0 ALL UNNAMED AQUIFERS
HOFF, CONRAD	5.0 N -64.0 W			
Receipt=9066431, Permit=128731---	NWSE 6	0	0	0 ALL UNNAMED AQUIFERS
HEMSTREET WILLIAM E & ROHLF E J	5.0 N -64.0 W			
Receipt=9061564, Permit=13380-R--	NESW 6	50	20	50 ALL UNNAMED AQUIFERS
SILVA JOE C & MARIE NANCY	5.0 N -64.0 W			
Receipt=9062881, Permit=21961---	NWSW 6	47	35	47 ALL UNNAMED AQUIFERS
MITANI, TAYEKO	5.0 N -64.0 W			
Receipt=0491909, Permit=7123-R-R--	SESE 30	63	42	62 ALL UNNAMED AQUIFERS
UHRICH, DAVID A.	6.0 N -64.0 W			
Receipt=0491909, Permit=7123-R-R--	SESE 30	63	42	62 ALL UNNAMED AQUIFERS
CARSON, JANICE M.	6.0 N -64.0 W			
Receipt=C620458, Permit=458-WCB--	NE 31	66	0	0 ALL UNNAMED AQUIFERS
RAYBURN, ED	6.0 N -64.0 W			
Receipt=9061805, Permit=13953-R--	NWNE 31	0	0	0 ALL UNNAMED AQUIFERS
RAYBURN, SECIL	6.0 N -64.0 W			
Receipt=9061806, Permit=13954-R--	NWNE 31	0	0	0 ALL UNNAMED AQUIFERS
RAYBURN, SECIL	6.0 N -64.0 W			
Receipt=9061807, Permit=13955-R--	SENE 31	0	0	0 ALL UNNAMED AQUIFERS
RAYBURN, SECIL	6.0 N -64.0 W			
Receipt=9059811, Permit=7109-R--	NESE 31	0	0	0 ALL UNNAMED AQUIFERS
SUGG, S S	6.0 N -64.0 W			
Receipt=0053370, Permit=53370-MH--	NESE 31	30	20	30 ALL UNNAMED AQUIFERS
JBS SWIFT BEEF COMPANY	6.0 N -64.0 W			
Receipt=0058628, Permit=58628-MH--	NESE 31	48	0	0
JBS SWIFT BEEF COMPANY	6.0 N -64.0 W			
Receipt=0052960, Permit=52960-MH--	NWSE 31	20	9	19 ALL UNNAMED AQUIFERS
JBS SWIFT BEEF COMPANY	6.0 N -64.0 W			
Receipt=0032856, Permit=16433-F--	SESE 31	0	0	0 ALL UNNAMED AQUIFERS
GREELEY CITY OF	6.0 N -64.0 W			
Receipt=0058629, Permit=58629-MH--	SESE 31	50	0	0
JBS SWIFT BEEF COMPANY	6.0 N -64.0 W			
Receipt=0053371, Permit=53371-MH--	SESE 31	30	20	30 ALL UNNAMED AQUIFERS
JBS SWIFT BEEF COMPANY	6.0 N -64.0 W			
Receipt=0054021, Permit=18794-F--	SESE 31	48	38	48 ALL UNNAMED AQUIFERS
GREELEY CITY OF	6.0 N -64.0 W			
Receipt=9061069, Permit=12187-R--	NWSW 31	0	0	0 ALL UNNAMED AQUIFERS

BENSON, ARNOLD	6.0 N -64.0 W			
Receipt=0017311, Permit=145-RD--	SWSW 31	92	0	0 ALL UNNAMED AQUIFERS
NOFFSINGER MFG CO	6.0 N -64.0 W			
Receipt=9060638, Permit=11278-R--	NWNE 32	0	0	0 ALL UNNAMED AQUIFERS
HOFFNER, ALEX	6.0 N -64.0 W			
Receipt=C620434, Permit=434-WCB--	NENW 32	62	0	0 ALL UNNAMED AQUIFERS
MOORE, CHARLES	6.0 N -64.0 W			
Receipt=0013842, Permit=11282-R-R--	NWNW 32	0	0	0 ALL UNNAMED AQUIFERS
JOHNSON, ROY	6.0 N -64.0 W			
Receipt=0208430, Permit=148-RD-R--	NWNW 32	84	64	84 ALL UNNAMED AQUIFERS
JOHNSON, ROY	6.0 N -64.0 W			
Receipt=9060642, Permit=11282-R--	NWNW 32	0	0	0 ALL UNNAMED AQUIFERS
JOHNSON, ROY	6.0 N -64.0 W			
Receipt=9058305, Permit=148-RD--	NWNW 32	0	0	0 ALL UNNAMED AQUIFERS
JOHNSON HERMAN & THELMA	6.0 N -64.0 W			
Receipt=0914829, Permit=119599--A--	NESE 32	0	0	0 ALL UNNAMED AQUIFERS
LARSON, EVERT V	6.0 N -64.0 W			
Receipt=0443109, Permit=11567-R-R--	NESE 32	46	31	46 ALL UNNAMED AQUIFERS
CORPORATION OF THE PRESIDING BISHOP	6.0 N -64.0 W			
Receipt=9060780, Permit=11567-R-R--	NESE 32	46	31	46 ALL UNNAMED AQUIFERS
CHURCH OF JESUS CHRIST	6.0 N -64.0 W			
Receipt=0237834, Permit=11567-R--	NESE 32	0	0	0 ALL UNNAMED AQUIFERS
WEBSTER, LAND C	6.0 N -64.0 W			
Receipt=9059386, Permit=5534---	NWSE 32	0	0	0 ALL UNNAMED AQUIFERS
MOORE, CHARLES	6.0 N -64.0 W			
Receipt=3650605, Permit=11567-R-R--	NWSE 32	48	20	48 QUATERNARY ALLUVIUM
CORPORATION OF THE PRESIDING BISHOP	6.0 N -64.0 W			
Receipt=9061902, Permit=14254-R--	SWSE 32	0	0	0 ALL UNNAMED AQUIFERS
HOFNER, ALEX	6.0 N -64.0 W			
Receipt=9066586, Permit=150185---	NESW 32	0	0	0 ALL UNNAMED AQUIFERS
CHURCH OF JESUS CHRIST/LDS	6.0 N -64.0 W			
Receipt=9060779, Permit=11566-R-R--	NESW 32	62	42	62 ALL UNNAMED AQUIFERS
CHURCH OF JESUS CHRIST	6.0 N -64.0 W			
Receipt=9060781, Permit=11568-R--	NESW 32	59	0	0 ALL UNNAMED AQUIFERS
CHURCH OF JESUS CHRIST	6.0 N -64.0 W			
Receipt=9061808, Permit=13956-R--	NWSW 32	0	0	0 ALL UNNAMED AQUIFERS
RAYBURN, SECIL	6.0 N -64.0 W			
Receipt=9061810, Permit=13957-R--	NWSW 32	0	0	0 ALL UNNAMED AQUIFERS
RAYBURN, SECIL	6.0 N -64.0 W			

Oil and Gas Wells Selected

Filter Results by Formation

WELL DESCRIPTION	LOCATION ID	LOCATION	WELL INFORMATION						
05-123-11728, MININGER-PFIEF 1 PDC ENERGY INC	407785	SENE 5 5N -64W (6) 40.429920, -104.567360	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 CODL	6848		6971	AB	
05-123-11903, LITTLE WILL 11 FOUNTAINHEAD RESOURCES LTD	322701	NWSW 5 5N -64W (6) 40.426909, -104.580995	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD			6980	AB	
05-123-11928, LITTLE WILL 12 FOUNTAINHEAD RESOURCES LTD	322719	NWSE 5 5N -64W (6) 40.426370, -104.572445	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 CODL			6980	AB	
05-123-13286, NOFFSINGER 1 PDC ENERGY INC	323620	SENW 5 5N -64W (6) 40.430030, -104.576470	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 CODL	6875	6883	7005	AB	
05-123-13803, EHRLICH 1 PDC ENERGY INC	326878	NWNW 5 5N -64W (6) 40.433440, -104.580940	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD	6608	6908	7049	AB	
				0 NBRR	6608	6738	7049	CM	
				0 CODL	6894		7049	CM	
05-123-13812, EHRLICH 2 PDC ENERGY INC	326884	SWNW 5 5N -64W (6) 40.429970, -104.581060	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD	6614	6910	7038	TA	
				0 NBRR	6614	6738	7038	CM	
				0 CODL	6898		7038	CM	
05-123-13828, PLUMB B5-11 NOBLE ENERGY INC	326898	NESW 5 5N -64W (6) 40.426040, -104.576440	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD			7029	AB	
				0 NBRR	6543		7029	CM	
				0 CODL	6854	6868	7029	CM	
05-123-14113, NOFFSINGER 31-5 PDC ENERGY INC	327072	NWNE 5 5N -64W (6) 40.434030, -104.571830	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD	6589	6894	7048	TA	
				0 NBRR	6589	6802	7048	CM	
				0 CODL	6880	6894	7048	CM	
05-123-19507, MININGER PFEIF 41-5 PDC ENERGY INC	330720	NENE 5 5N -64W (6) 40.433310, -104.567140	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD	6681	6874	7128	AB	
				0 NBRR	6681	6699	7128	CM	
				0 CODL	6864	6874	7128	CM	
05-123-20224, NOFFSINGER 21-5 PDC ENERGY INC	331142	NENW 5 5N -64W (6) 40.433530, -104.576390	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 CODL	6878	6888	7144	TA	
05-123-20485, NOFFSINGER/MINN 5C PDC ENERGY INC	331315	NENE 5 5N -64W (6) 40.431250, -104.569360	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 CODL	6872	6880	7065	AB	
05-123-20486, NOFFSINGER 32-5 PDC ENERGY INC	331316	SWNE 5 5N -64W (6) 40.429470, -104.571690	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 CODL	6866	6876	7075	AB	
05-123-26564, AGRESEVES 5A PDC ENERGY INC	310545	NENW 5 5N -64W (6) 40.431750, -104.578190	Sidetrack	Formation	Top	Bottom	TD	Status	
								AL	
05-123-34204, LDS B 05-25 NOBLE ENERGY INC	424878	NESW 5 5N -64W (6) 40.424610, -104.578340	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NB-CD	6569	6843	7034	AB	
				0 NBRR	6569	6705	7034	CM	
				0 CODL	6829	6843	7034	CM	
05-123-43539, Ehrlich 5J-323 PDC ENERGY INC	447498	NWNW 5 5N -64W (6) 40.434270, -104.579500	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NBRR	7040	13877	13886	PR	
05-123-43540, Ehrlich 5J-203 PDC ENERGY INC	447498	NWNW 5 5N -64W (6) 40.434310, -104.579500	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NBRR	6939	13774	13783	PR	
05-123-43541, Ehrlich 5J-223 PDC ENERGY INC	447498	NWNW 5 5N -64W (6) 40.434230, -104.579500	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NBRR	6962	13777	13781	PR	
05-123-43542, Ehrlich 5E-423 PDC ENERGY INC	447498	NWNW 5 5N -64W (6) 40.434480, -104.579500	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NBFHC	7158	13956	13969	PR	
				0 NBRR	7158	7281	13969	CM	
				0 FTHYS	7281	13840	13969	CM	
				0 CODL	7526	13956	13969	CM	
05-123-43543, Ehrlich 5E-323 PDC ENERGY INC	447498	NWNW 5 5N -64W (6) 40.434440, -104.579500	Sidetrack	Formation	Top	Bottom	TD	Status	
				0 NBRR	7078	13848	13851	PR	
05-123-43544, Ehrlich 5J-243	447498	NWNW 5 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	

PDC ENERGY INC	40.434390, -104.579500		0 NBRR	7028	13755	13772	PR
05-123-43545, Ehrlich 5J-303	447498 NWNW 5 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.434360, -104.579500		0 NBRR	7048	13822	13831	PR
05-123-43546, Ehrlich 5M-343	447498 NWNW 5 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.434190, -104.579500		0 NBRR	7100	13934	13937	PR
05-123-43547, Ehrlich 5M-243	447498 NWNW 5 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.434140, -104.579500		0 NBRR	7101	13615	13920	PR
05-123-44885, Snowmass 6N	448815 NWNE 5 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.434904, -104.571163						PR
05-123-44886, Snowmass 5N	448815 NWNE 5 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.434931, -104.571203						PR
05-123-44887, Snowmass 2N	448815 NWNE 5 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.435012, -104.571325						PR
05-123-44888, Snowmass 3N	448815 NWNE 5 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.434985, -104.571285						PR
05-123-44889, Snowmass 4N	448815 NWNE 5 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.434958, -104.571244						PR
05-123-44890, Snowmass 8N	448815 NWNE 5 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.434850, -104.571082						PR
05-123-44891, Snowmass 9N	448815 NWNE 5 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.434823, -104.571041						PR
05-123-44892, Snowmass 7N	448815 NWNE 5 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.434877, -104.571122						PR
05-123-44893, Snowmass 1C	448815 NWNE 5 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.435040, -104.571366						PR
05-123-44894, Snowmass 10N	448815 NWNE 5 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.434796, -104.571001						PR
05-123-11743, LITTLE WILL 6	407791 NWNW 6 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
FOUNTAINHEAD RESOURCES LTD	40.432335, -104.598776		0 NB-CD			6998	AB
05-123-11759, HOFF 1	407801 NWSE 6 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
WICHITA INDUSTRIES INC	40.426285, -104.590556						AL
05-123-11912, LITTLE WILL 7	407857 SENW 6 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
FOUNTAINHEAD RESOURCES LTD	40.430105, -104.594856		0 NB-CD			7000	AB
05-123-13494, WEBSTER B6-2	323766 NWNE 6 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.433630, -104.589920		0 NB-CD	6596	6901	7020	AB
			0 NBRR	6596	6803	7020	CM
			0 CODL	6889	6901	7020	CM
05-123-13852, WEBSTER B6-1	326913 NENE 6 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.433430, -104.587270		0 NB-CD	6600	6910	7026	AB
			0 NBRR	6600	6810	7026	AB
			0 CODL	6900	6910	7026	AB
05-123-18576, WEBSTER B 6-08	330180 SENE 6 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.429080, -104.585000		0 NB-CD			7086	AB
			0 NBCDL	6580	6886	7086	CM
			0 NBRR	6576	6718	7086	CM
			0 CODL	6874	6886	7086	CM
05-123-20518, WITWER 43-6	331338 NESE 6 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.426890, -104.585940		0 CODL	6872	6882	7080	AB
05-123-20756, WITWER 34-6D	333244 NESE 6 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.424970, -104.587280		0 CODL	7102	7112	7360	AB
05-123-20757, WITWER 44-6D	333244 NESE 6 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.424940, -104.587170		0 CODL	6988	6996	7245	AB
05-123-21304, HOFF 33-6	331786 NWSE 6 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.425780, -104.590080		0 NB-CD	6568	6739	7075	PR
			0 NBRR	6568	6688	7075	CM
			0 CODL	6850	6858	7075	CM
05-123-24107, WEBSTER B 6-7	332980 SENE 6 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.428791, -104.587504		0 NB-CD	6706	7015	7183	AB

05-123-24108, WEBSTER B 6-17 NOBLE ENERGY INC	332980 SENE 6 5N -64W (6) 40.428847, -104.587487	Sidetrack	0 NBRR	6706	6844	7183	AB
			0 CODL	7003	7015	7183	AB
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6718	7030	7207	AB
			0 NBRR	6718	6856	7207	AB
05-123-11878, PEAK 1 PDC ENERGY INC	322688 SENW 31 6N -64W (6) 40.444000, -104.595278	Sidetrack	0 CODL	7017	7030	7207	AB
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6574	6888	6990	SI
			0 CODL	6872		6990	CM
			Formation	Top	Bottom	TD	Status
05-123-12132, JASON 2 PDC ENERGY INC	322830 NESE 31 6N -64W (6) 40.440330, -104.586920	Sidetrack	0 NB-CD	6560	6881	6982	SI
			0 NBRR	6560	6784	6982	CM
			0 CODL	6865		6982	CM
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6598	6886	6987	SI
05-123-12387, JASON 1 PDC ENERGY INC	322990 NWSE 31 6N -64W (6) 40.440080, -104.590440	Sidetrack	0 NBRR	6598	6797	6987	CM
			0 CODL	6870	6886	6987	CM
			Formation	Top	Bottom	TD	Status
			0 NB-CD				
			Formation	Top	Bottom	TD	Status
05-123-13199, PRINTZ 2-31 NOBLE ENERGY INC	323561 NWNE 31 6N -64W (6) 40.447806, -104.590897	Sidetrack	0 NB-CD			6996	SI
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
05-123-18747, MARCY 41-31 BASIN EXPLORATION INC	409199 NENE 31 6N -64W (6) 40.448325, -104.585326	Sidetrack	Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
05-123-19317, JASON 34-31 PDC ENERGY INC	330586 SWSE 31 6N -64W (6) 40.437000, -104.591390	Sidetrack	0 NB-CD	6616	6927	7141	TA
			0 NBRR	6616	6748	7141	CM
			0 CODL	6917	6927	7141	CM
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6588	6889	7128	PR
05-123-19506, MARCY 42-31 PDC ENERGY INC	330719 SENE 31 6N -64W (6) 40.443720, -104.586610	Sidetrack	0 NBRR	6588	6719	7128	CM
			0 CODL	6878		7128	CM
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
05-123-19577, CATTLEMEN'S 23-31 LYCO ENERGY CORPORATION	409407 NESW 31 6N -64W (6) 40.440535, -104.595306	Sidetrack	Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
05-123-19931, MARCY 31-32 PDC ENERGY INC	330956 SWNE 31 6N -64W (6) 40.444250, -104.590690	Sidetrack	0 NB-CD	6560	6858	7100	PR
			0 NBRR	6560	6760	7100	CM
			0 CODL	6850	6858	7100	CM
			Formation	Top	Bottom	TD	Status
			1 NB-CD	6641	6934	7081	AB
05-123-22713, MARCY 1-31X NOBLE ENERGY INC	409833 NENE 31 6N -64W (6) 40.448428, -104.586694	Sidetrack	1 NBRR	6641	6755	7081	CM
			1 CODL	6920	6934	7081	CM
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
05-123-25674, JASON 31D PDC ENERGY INC	333277 SWSE 31 6N -64W (6) 40.438440, -104.588400	Sidetrack	Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
05-123-28133, JASON 44-31D PDC ENERGY INC	333277 SESE 31 6N -64W (6) 40.438440, -104.588160	Sidetrack	Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
05-123-28134, JASON 31XD PDC ENERGY INC	333277 SESE 31 6N -64W (6) 40.438440, -104.588240	Sidetrack	Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
05-123-28135, JASON 31SD PDC ENERGY INC	333277 SWSE 31 6N -64W (6) 40.438440, -104.588320	Sidetrack	Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
05-123-28137, JASON 31PD PDC ENERGY INC	333277 SWSE 31 6N -64W (6) 40.438440, -104.588480	Sidetrack	Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
05-123-12679, WEBSTER 11-32 NOBLE ENERGY INC	323185 NESW 32 6N -64W (6) 40.441096, -104.575804	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD			7010	AB
			0 PRKM	3548	3551	7010	AB
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6564	6873	7002	SI
05-123-12739, HOFFNER 1 PDC ENERGY INC	323225 NWNE 32 6N -64W (6) 40.447970, -104.571830	Sidetrack	0 NBRR	6564	6780	7002	CM
			0 CODL	6867	6873	7002	CM
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
05-123-12817, WEBSTER 15-32 NOBLE ENERGY INC	323289 SWSE 32 6N -64W (6) 40.437299, -104.571375	Sidetrack	0 NB-CD	6580	6889	7050	AB
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status
			Formation	Top	Bottom	TD	Status

05-123-12818, WEBSTER 14-32 SUNSHINE VALLEY PETROLEUM	408116 SESW 32 6N -64W (6) 40.437075, -104.576366	Sidetrack	0 CODL Formation	6868 Top	6880 Bottom	7050 TD	CM Status
05-123-12990, LARSEN 2 NOBLE ENERGY INC	323416 SENE 32 6N -64W (6) 40.444382, -104.567083	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-13163, WEBSTER 9-32 NOBLE ENERGY INC	323534 NESE 32 6N -64W (6) 40.440725, -104.567789	Sidetrack	0 NB-CD 0 CODL Formation	6584 6881	6895 6895	6967 6967	PR PR Status
05-123-13572, WEBSTER 14-32 NOBLE ENERGY INC	326732 SESW 32 6N -64W (6) 40.436478, -104.576478	Sidetrack	0 NB-CD Formation	6613 Top	6913 Bottom	7090 TD	TA Status
05-123-14234, JOHNSON 5-32 SRC ENERGY INC	327154 SWNW 32 6N -64W (6) 40.443529, -104.580440	Sidetrack	0 NB-CD Formation	6613 Top	6744 Bottom	7090 TD	TA Status
05-123-18643, RUBIX A 32-03 NOBLE ENERGY INC	330217 NENW 32 6N -64W (6) 40.448445, -104.575892	Sidetrack	0 CODL Formation	6903 Top	6913 Bottom	7090 TD	TA Status
05-123-18644, RUBIX A 32-04 NOBLE ENERGY INC	330218 NWNW 32 6N -64W (6) 40.448420, -104.580940	Sidetrack	0 NB-CD Formation	6592 Top	6892 Bottom	7087 TD	AB Status
05-123-18645, JOHNSON A 32-06 NOBLE ENERGY INC	330219 SENW 32 6N -64W (6) 40.443815, -104.575834	Sidetrack	0 NB-CD Formation	6593 Top	6900 Bottom	7088 TD	PR Status
05-123-18748, NOFFSINGER 33-32 BASIN EXPLORATION INC	409200 NWSE 32 6N -64W (6) 40.441125, -104.571306	Sidetrack	0 NB-CD Formation	6588 Top	6893 Bottom	7082 TD	PR Status
05-123-18749, NOFFSINGER 44-32 BASIN EXPLORATION INC	409201 SESE 32 6N -64W (6) 40.436725, -104.567626	Sidetrack	0 CODL Formation	6881 Top	6893 Bottom	7082 TD	CM Status
05-123-19000, HOFFNER 32-32 PDC ENERGY INC	330383 SWNE 32 6N -64W (6) 40.444750, -104.571860	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-19318, EHRLICH 14-32 PDC ENERGY INC	330587 SWSW 32 6N -64W (6) 40.437060, -104.581640	Sidetrack	0 NB-CD 0 NBRR 0 CODL Formation	6592 6592 6860	6876 6706	7062 7062 7062	SI CM CM Status
05-123-20208, WEBSTER 13-32 PDC ENERGY INC	409534 NWSW 32 6N -64W (6) 40.443625, -104.581936	Sidetrack	0 NB-CD Formation	6644 Top	6915 Bottom	7125 TD	TA Status
05-123-20768, EHRLICH 13-32 PDC ENERGY INC	331487 NWSW 32 6N -64W (6) 40.441190, -104.581610	Sidetrack	0 NBRR 0 CODL Formation	6644 6907	6740 6915	7125 7125	CM CM Status
05-123-21852, FARMLAND 10-32 NOBLE ENERGY INC	332112 NWSE 32 6N -64W (6) 40.440548, -104.571634	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-21853, FARMLAND 16-32 NOBLE ENERGY INC	332113 SESE 32 6N -64W (6) 40.437053, -104.566992	Sidetrack	0 CODL Formation	6890 Top	6898 Bottom	7102 TD	SI Status
05-123-32723, QC USX A32-19 NOBLE ENERGY INC	420827 NENW 32 6N -64W (6) 40.446490, -104.577610	Sidetrack	0 NB-CD Formation	6586 Top	6892 Bottom	7038 TD	AB Status
05-123-32740, Larson A32-17 NOBLE ENERGY INC	420913 SENE 32 6N -64W (6) 40.445842, -104.568613	Sidetrack	0 NBRR 0 CODL Formation	6586 6880	6720 6892	7038 7038	CM CM Status
			0 NB-CD Formation	6858 Top	6872 Bottom	7032 TD	CM Status
			0 NB-CD Formation	6698 Top	6900 Bottom	7058 TD	PR Status
			0 NB-CD	6582	6891	7055	PR