

Report Date: 2/20/2019

Bedrock Aquifer Evaluation Determination Tool

Denver Basin Aquifer - Specific Location Determination Tool

Applicant: PDC - Hinkle 23-5 (API 123-12415)

Receipt No:

Evaluated By:

Location: NE 1/4 of SW 1/4 of Sec. 5, T.4N, R.64W. (1920 SSL, 2005 WSL)

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

Ground Surface Elevation: 4743 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	4375	4654	181.0	368	89	43.44	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 #	Hinkle 23-5 (API 123-12415)					
SB5 Base of Fox Hills	368-89	L-FH		This well GR	WW GR	Elev Diff
Deepest Water Well Within One Mile / number of wells	380	/	80	4743	4832	-89
Deepest Water Well Within Two Miles / number of wells		/				
Sussex / Shannon Production within one mile	N	/	N			
Operator Existing Surface Casing Depth	304					
Production Casing to be pulled	1600					
Required aquifer protection depth in this well	368	50	418			

Water Wells Selected From Map

380 ft

Filter Results by Depth

80 wells

WELL DESCRIPTION	LOCATION	WELL INFORMATION			
		Depth	Top Perf	Bottom Perf	Aquifer
Receipt=9062071, Permit=14839-R-- BOULTER MICHAEL J & DAISY I	NWNE 16 4.0 N -64.0 W		0	0	0 ALL UNNAMED AQUIFERS
Receipt=9062072, Permit=14840-R-- BOULTER MICHAEL J & DAISY I	NWNE 16 4.0 N -64.0 W		0	0	0 ALL UNNAMED AQUIFERS
Receipt=9064487, Permit=46097--- DAVIS ALEXANDER NEWTON	NENE 17 4.0 N -64.0 W		0	0	0 ALL UNNAMED AQUIFERS
Receipt=9065226, Permit=70352--A-- SANDY HILLS FARMS	SENW 17 4.0 N -64.0 W	90	0		0 LARAMIE FOX HILLS
Receipt=0045141A, Permit=70352--- SANDY HILLS FARMS INC	SENW 17 4.0 N -64.0 W		0	0	0 LARAMIE FOX HILLS
Receipt=0368467, Permit=--- LONGMONT, FOODS	SWNW 17 4.0 N -64.0 W		0	0	0 LARAMIE FOX HILLS
Receipt=0329157, Permit=161744--- SCHWINDT, VAL	NWSE 17 4.0 N -64.0 W		0	0	0 ALL UNNAMED AQUIFERS
Receipt=9062935, Permit=22598--- ROTH, JOHN W	SESE 17 4.0 N -64.0 W		0	0	0 ALL UNNAMED AQUIFERS
Receipt=0000065A, Permit=2001065-AB-- BOESCH - FISHER ENGINEERING INC	SWSW 17 4.0 N -64.0 W	20	0		0 ALL UNNAMED AQUIFERS
Receipt=0469885A, Permit=230916--- MUIRHEAD, ALLEN	NENE 18 4.0 N -64.0 W	180	120	180	LARAMIE FOX HILLS
Receipt=0469885B, Permit=-- MUIRHEAD, ALLEN	NWNE 18 4.0 N -64.0 W		0	0	0 ALL UNNAMED AQUIFERS
Receipt=9064606, Permit=48732--- BECKER RANDALL & ELESA	NWNE 18 4.0 N -64.0 W	220	0		0 LARAMIE FOX HILLS
Receipt=3623696A, Permit=276119--- TUCKER JEREMY TROY	SENE 18 4.0 N -64.0 W	300	0		0 ALL UNNAMED AQUIFERS
Receipt=3623696B, Permit=276119--A-- TUCKER JEREMY TROY	SENE 18 4.0 N -64.0 W	280	120	280	LARAMIE FOX HILLS
Receipt=0908676, Permit=70306--- KEMPEMA, LLOYD	NENW 18 4.0 N -64.0 W		0	0	0 ALL UNNAMED AQUIFERS
Receipt=0908677, Permit=70307--- CORDOVA, CHARLES G	NENW 18 4.0 N -64.0 W		0	0	0 ALL UNNAMED AQUIFERS
Receipt=0547468A, Permit=268268--- PETRO CANADA RESOURCES INC	NENW 18 4.0 N -64.0 W	30	16	31	ALL UNNAMED AQUIFERS
Receipt=0547468B, Permit=268269--- PETRO CANADA RESOURCES INC	NENW 18 4.0 N -64.0 W	21	6	21	ALL UNNAMED AQUIFERS
Receipt=0547468C, Permit=268270--- PETRO CANADA RESOURCES INC	NWNW 18 4.0 N -64.0 W	13	3	13	ALL UNNAMED AQUIFERS
Receipt=0547468D, Permit=268271--- PETRO CANADA RESOURCES INC	NWNW 18 4.0 N -64.0 W	22	8	22	ALL UNNAMED AQUIFERS
Receipt=0547468E, Permit=268272--- PETRO CANADA RESOURCES INC	NWNW 18 4.0 N -64.0 W	25	10	25	ALL UNNAMED AQUIFERS
Receipt=0547468F, Permit=268273--- PETRO CANADA RESOURCES INC	NWNW 18 4.0 N -64.0 W	34	19	34	ALL UNNAMED AQUIFERS
Receipt=3633244, Permit=278827--- BERNAL GILBERT JAMES	NWSW 3 4.0 N -64.0 W		0	0	0 QUATERNARY ALLUVIUM
Receipt=3634838, Permit=279207--- 	NWSW 3	47	20	47	ALL UNNAMED AQUIFERS

BERNAL GILBERT JAMES	4.0 N -64.0 W			
Receipt=3656189, Permit=---	NWSW 3	0	0	0 QUATERNARY ALLUVIUM
BERNAL GILBERT JAMES	4.0 N -64.0 W			
Receipt=3614277, Permit=273266---	SESW 3	0	0	0 QUATERNARY ALLUVIUM
GRENEMYER MICHAEL DEAN	4.0 N -64.0 W			
Receipt=3622610, Permit=275942---	SESW 3	0	0	0 LARAMIE FOX HILLS
POPHAM DAVID & SANDRA	4.0 N -64.0 W			
Receipt=0046639, Permit=46639-MH--	NWNE 4	0	0	0 ALL UNNAMED AQUIFERS
SITZMAN	4.0 N -64.0 W			
Receipt=0046638, Permit=46638-MH--	SWNE 4	0	0	0 ALL UNNAMED AQUIFERS
SITZMAN	4.0 N -64.0 W			
Receipt=9059296, Permit=4831---	NENE 5	0	0	0 ALL UNNAMED AQUIFERS
STRADLEY, CLIFFORD V	4.0 N -64.0 W			
Receipt=0417350, Permit=---	SESE 5	0	0	0 ALL UNNAMED AQUIFERS
ALBERT, EILEEN A	4.0 N -64.0 W			
Receipt=0482864, Permit=237968---	SWSE 5	375	75	375 ALL UNNAMED AQUIFERS
MONROE GERALD E JR & JACQUELINE R	4.0 N -64.0 W			
Receipt=9059654, Permit=6621---	SWSE 5	0	0	0 ALL UNNAMED AQUIFERS
WATSON J P & P L	4.0 N -64.0 W			
Receipt=9065111, Permit=67831---	NWNW 6	0	0	0 ALL UNNAMED AQUIFERS
GLOVER LLOYD & ERMA	4.0 N -64.0 W			
Receipt=9065976, Permit=94275---	SENW 6	0	0	0 ALL UNNAMED AQUIFERS
ARD, LELAND	4.0 N -64.0 W			
Receipt=9065257, Permit=71459---	SWNW 6	0	0	0 ALL UNNAMED AQUIFERS
COBB L GLEN	4.0 N -64.0 W			
Receipt=9065722, Permit=83508---	NWNE 7	0	0	0 LARAMIE FOX HILLS
DIETRICH JEFFREY H & RAINA B	4.0 N -64.0 W			
Receipt=0465928, Permit=230253---	SENW 7	320	170	320 LARAMIE FOX HILLS
FELLINI, MARK A	4.0 N -64.0 W			
Receipt=0459927, Permit=226329---	SWNW 7	240	150	240 ALL UNNAMED AQUIFERS
FELLINI PAT & LORY	4.0 N -64.0 W			
Receipt=0493624, Permit=242503---	NWSE 7	260	180	260 LARAMIE FOX HILLS
GARCIA SILVERIO & ALICIA	4.0 N -64.0 W			
Receipt=0469595, Permit=231007---	NWSW 7	380	140	380 LARAMIE FOX HILLS
MILLER, DEAN R	4.0 N -64.0 W			
Receipt=0431411, Permit=211598---	SWSW 7	0	0	0 LARAMIE FOX HILLS
BURGESS JAMES & JEAN	4.0 N -64.0 W			
Receipt=0406335, Permit=199247---	NENE 8	0	0	0 LARAMIE FOX HILLS
NELSON, TIM	4.0 N -64.0 W			
Receipt=9058835, Permit=1958---	NENE 8	0	0	0 ALL UNNAMED AQUIFERS
RUFF, WILBERT B	4.0 N -64.0 W			
Receipt=9061638, Permit=13477-F--	SENE 8	0	0	0 ALL UNNAMED AQUIFERS
WELD CO SCHOOL DIST RE 7	4.0 N -64.0 W			
Receipt=9066413, Permit=127686---	NENW 8	0	0	0 ALL UNNAMED AQUIFERS
COX HARRIET L & ERNEST	4.0 N -64.0 W			
Receipt=0507259, Permit=251899---	SWNW 8	0	0	0 LARAMIE FOX HILLS
REITZENSTEIN MARK & KAYE	4.0 N -64.0 W			
Receipt=9063576, Permit=31525---	NESE 8	122	34	122 ALL UNNAMED AQUIFERS
CONRELIUS HAMPTON & KAY	4.0 N -64.0 W			
Receipt=3669716D, Permit=297822---	SESE 8	0	0	0 ALL UNNAMED AQUIFERS
NGL WATER SOLUTIONS DJ LLC	4.0 N -64.0 W			
Receipt=0537407, Permit=263561---	SESE 8	375	255	375 LARAMIE FOX HILLS

CONQUEST DISPOSAL SERVICE	4.0 N -64.0 W			
Receipt=9065007, Permit=63475---	SESE 8	150	99	150 ALL UNNAMED AQUIFERS
PEARSON, CARL F	4.0 N -64.0 W			
Receipt=9065877, Permit=89171---	SESE 8	0	0	0 LARAMIE FOX HILLS
PARKER, RONALD	4.0 N -64.0 W			
Receipt=9065551, Permit=79257---	SWSW 8	240	0	0 LARAMIE FOX HILLS
ENGLAND RANDALL L & ROBERT LEWIS	4.0 N -64.0 W			
Receipt=0217126, Permit=121298--A--	SWSW 8	180	0	0 ALL UNNAMED AQUIFERS
RYDGREN, J A	4.0 N -64.0 W			
Receipt=9063777, Permit=35205---	SESE 9	0	0	0 ALL UNNAMED AQUIFERS
JOHNSTON, VERN	4.0 N -64.0 W			
Receipt=9063122, Permit=25458---	SWSE 9	0	0	0 ALL UNNAMED AQUIFERS
JOHNSON, GLEN L	4.0 N -64.0 W			
Receipt=0354071, Permit=171342---	NENE 1	235	140	235 ALL UNNAMED AQUIFERS
WELD COUNTY	4.0 N -65.0 W			
Receipt=3630378H, Permit=65-GX--	NWNE 1	0	0	0 ALL UNNAMED AQUIFERS
JIM, SMITH	4.0 N -65.0 W			
Receipt=9065682, Permit=82415---	NESE 1	0	0	0 ALL UNNAMED AQUIFERS
DINNER LOUIS & IDA	4.0 N -65.0 W			
Receipt=9064543, Permit=47263---	SWSW 1	0	0	0 ALL UNNAMED AQUIFERS
ANDERSON, WILLIAM A	4.0 N -65.0 W			
Receipt=0352502, Permit=171792---	NENW 12	120	80	120 ALL UNNAMED AQUIFERS
EASTON, CHARLES	4.0 N -65.0 W			
Receipt=0280059, Permit=149610---	NENW 12	120	50	120 ALL UNNAMED AQUIFERS
EASTON, WILLIAM W	4.0 N -65.0 W			
Receipt=0276740A, Permit=149025---	SESW 28	0	0	0 ALL UNNAMED AQUIFERS
BRUG, MELVIN	5.0 N -64.0 W			
Receipt=0276740B, Permit=149025--A--	SESW 28	0	0	0 ALL UNNAMED AQUIFERS
BRUG, MELVIN	5.0 N -64.0 W			
Receipt=9066124, Permit=100928---	SWSW 28	45	25	45 ALL UNNAMED AQUIFERS
GIERHART, DEAN H	5.0 N -64.0 W			
Receipt=3640639C, Permit=65-GX--	SESE 29	0	0	0 ALL UNNAMED AQUIFERS
POWELL, MARK	5.0 N -64.0 W			
Receipt=0520494, Permit=255318---	SWSW 29	300	80	300 ALL UNNAMED AQUIFERS
MCGREGOR, SCOTT	5.0 N -64.0 W			
Receipt=9065833, Permit=87482---	NENW 31	0	0	0 ALL UNNAMED AQUIFERS
FRANK BOULTER TRUST	5.0 N -64.0 W			
Receipt=0335514, Permit=163299---	SWNW 31	250	110	250 ALL UNNAMED AQUIFERS
FLASCHENRIEM, CHRIS	5.0 N -64.0 W			
Receipt=0486397, Permit=--	32	0	0	0 LARAMIE FOX HILLS
MARSHALL JESSE JR	5.0 N -64.0 W			
Receipt=0443450, Permit=216945---	SENE 32	135	70	115 LARAMIE FOX HILLS
PERLMAN, MARK	5.0 N -64.0 W			
Receipt=0223481, Permit=126254---	SENE 32	0	0	0 ALL UNNAMED AQUIFERS
MILLER, H	5.0 N -64.0 W			
Receipt=0425741, Permit=209380---	NESE 32	50	30	50 ALL UNNAMED AQUIFERS
SHERBON WANDA K REVOCABLE TRUST	5.0 N -64.0 W			
Receipt=0489480, Permit=241404---	NWSE 32	330	270	330 ALL UNNAMED AQUIFERS
BARRETT HADLEY & LEE	5.0 N -64.0 W			
Receipt=0102289, Permit=109063---	NESW 32	125	0	0 ALL UNNAMED AQUIFERS
SWANSTROM, D R	5.0 N -64.0 W			
Receipt=9059111, Permit=4030-F--	NWSE 33	0	0	0 ALL UNNAMED AQUIFERS

SCHLISSLER, TED	5.0 N -64.0 W			
Receipt=9062057, Permit=14782-R--	SWSW 33	0	0	0 ALL UNNAMED AQUIFERS
ECKHARDT J JIM	5.0 N -64.0 W			
Receipt=9062058, Permit=14783-R--	SWSW 33	22	16	22 ALL UNNAMED AQUIFERS
CHESNUT, KEVIN	5.0 N -64.0 W			
Receipt=9061308, Permit=12778-R--	SWSW 33	33	0	0 ALL UNNAMED AQUIFERS
SCHOTT WILLIAM & AGNES M	5.0 N -64.0 W			
Receipt=9059609, Permit=6503---	SWSE 36	0	0	0 ALL UNNAMED AQUIFERS
SCHMIDT LOUISE MARIE & JOHN JR	5.0 N -65.0 W			

Oil and Gas Wells Selected

Filter Results by Formation

WELL DESCRIPTION	LOCATION ID	LOCATION	WELL INFORMATION					
05-123-10820, CONNELL 2 NOBLE ENERGY INC	319172	NWSW 4 4N -64W (6) 40.339660, -104.562280	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-10831, CONNELL 1 NOBLE ENERGY INC	319182	NWNW 4 4N -64W (6) 40.346720, -104.562360	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-11735, CONNELL 14-4 NOBLE ENERGY INC	322616	SWSW 4 4N -64W (6) 40.335800, -104.562590	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6656	6941	7036	SI
				0 NBRR	6656	6764	7036	CM
				0 CODL	6930	6940	7036	CM
05-123-17976, CONNELL 4-5I4 SNYDER OIL CORP	408960	SWNW 4 4N -64W (6) 40.343386, -104.562395	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-18767, CONNELL 4-5I4 SNYDER OIL CORP	409211	SWNW 4 4N -64W (6) 40.344256, -104.561145	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-18768, CONNELL 4-11I4 SNYDER OIL CORP	409212	NESW 4 4N -64W (6) 40.338076, -104.559564	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-21715, CONNELL C 4-5 NOBLE ENERGY INC	332012	SWNW 4 4N -64W (6) 40.343537, -104.562928	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6606	6905	7050	SI
				0 NBRR	6606	6720	7050	CM
				0 CODL	6893	6905	7050	CM
05-123-24530, CONNELL C 4-25 NOBLE ENERGY INC	306359	SESW 4 4N -64W (6) 40.337778, -104.559662	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6624	6913	7055	SI
				0 NBRR	6624	6730	7055	CM
				0 CODL	6899	6913	7055	CM
05-123-24852, CONNELL C 4-20 NOBLE ENERGY INC	306529	SWNW 4 4N -64W (6) 40.341886, -104.560645	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6610	6899	7028	PR
				0 NBRR	6610	6716	7028	CM
				0 CODL	6885	6899	7028	CM
05-123-27356, CONNELL C 4-19 NOBLE ENERGY INC	302209	NENW 4 4N -64W (6) 40.345170, -104.559950	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6620	6900	7053	PR
				0 NBRR	6620	6720	7053	CM
				0 CODL	6887	6900	7053	CM
05-123-10835, REISTAD 1 NOBLE ENERGY INC	319186	SESE 5 4N -64W (6) 40.335980, -104.567430	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD			7030	PR
				0 NBRR	6702	6903	7030	CM
				0 CODL	6948	6956	7030	CM
05-123-11117, OPDYKE/HINKLE 1 NOBLE ENERGY INC	319355	NWSE 5 4N -64W (6) 40.339570, -104.571900	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD			7040	SI
				0 NBRR	6676	6844	7040	PR
				0 CODL	6956	6966	7040	CM
05-123-11586, NIKOLORIC 11-5 NOBLE ENERGY INC	319625	NWNW 5 4N -64W (6) 40.346670, -104.581020	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6748	6999	7094	SI
				0 NBRR	6748	6870	7094	CM
				0 CODL	6756	6999	7094	CM
05-123-11909, ROUKEMA 5-1 NOBLE ENERGY INC	322706	SWSW 5 4N -64W (6) 40.335767, -104.581277	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-12415, HINKLE 23-5 PDC ENERGY INC	323002	NESW 5 4N -64W (6) 40.339167, -104.576667	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-12536, WILMOTH 5-1 PETRO-CANADA RESOURCES (USA) INC	332261	SENW 5 4N -64W (6) 40.343156, -104.576525	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-12781, SMITH-REEVES 42-5 PDC ENERGY INC	323260	SENE 5 4N -64W (6) 40.343243, -104.566853	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6792	6924	7040	CM
				0 NBRR	6638	6818	7040	SI
				0 CODL	6911		7040	AB
05-123-14207, WILMOTH PM C 5-3 NOBLE ENERGY INC	327132	NENW 5 4N -64W (6) 40.347190, -104.576240	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6635	6950	7101	PR

05-123-14208, ROUKEMA PM C 5-12 NOBLE ENERGY INC	327133 NWSW 5 4N -64W (6) 40.339270, -104.581860	Sidetrack	0 NBRR	6635	6826	7101	CM
			0 CODL	6936	6950	7101	CM
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6702	7001	7134	PR
			0 NBRR	6702	6903	7134	CM
05-123-16215, KUIS C 5-02 NOBLE ENERGY INC	328616 NWNW 5 4N -64W (6) 40.347280, -104.572250	Sidetrack	0 CODL	6987	7001	7134	CM
			Formation	Top	Bottom	TD	Status
			0 CODL	6926	6938	7090	AB
			Formation	Top	Bottom	TD	Status
			0 CODL	6921	6932	7083	AB
05-123-16569, KUIS C 5-7 NOBLE ENERGY INC	328887 SWNE 5 4N -64W (6) 40.343140, -104.571820	Sidetrack	Formation	Top	Bottom	TD	Status
			0 CODL	6886	6899	7082	SI
			Formation	Top	Bottom	TD	Status
			0 JSND	7442	7502	7606	AB
			Formation	Top	Bottom	TD	Status
05-123-16882, KUIS C 5-1 NOBLE ENERGY INC	329111 NENE 5 4N -64W (6) 40.347210, -104.567300	Sidetrack	0 NB-CD			7102	SI
			0 NBRR	6678	6886	7102	CM
			0 CODL	6956	6968	7102	CM
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6652	6944	7127	PR
05-123-20235, NIKOLORIC C 5-5 NOBLE ENERGY INC	331152 SWNW 5 4N -64W (6) 40.343180, -104.581280	Sidetrack	0 NBRR	6652	6762	7127	CM
			0 CODL	6932	6944	7127	CM
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6660	6954	7113	PR
			0 NBRR	6660	6773	7113	CM
05-123-21177, LEVI C 5-15 NOBLE ENERGY INC	331716 SWSE 5 4N -64W (6) 40.336250, -104.571350	Sidetrack	0 CODL	6943	6954	7113	PR
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6680	6976	7106	SI
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6662	6963	7153	SI
05-123-21178, REISTAD C 5-9 NOBLE ENERGY INC	331717 NESE 5 4N -64W (6) 40.339120, -104.567920	Sidetrack	0 NBRR	6662	6776	7153	CM
			0 CODL	6949	6963	7153	CM
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6704	6984	7124	AB
			0 NBRR	6704	6802	7124	CM
05-123-22051, WILMOTH C 5-6 NOBLE ENERGY INC	332261 SENW 5 4N -64W (6) 40.343170, -104.576570	Sidetrack	0 CODL	6970	6984	7124	CM
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6658	6943	7090	PR
			0 NBRR	6658	6762	7090	CM
			0 CODL	6929	6943	7090	CM
05-123-22181, HINKLE 24-5 PDC ENERGY INC	332348 SESW 5 4N -64W (6) 40.336110, -104.576944	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD	6852	7046	7208	PR
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6919	7114	7700	SI
			0 JSND	7559	7588	7700	SI
05-123-24522, NICMOTH C 5-19 NOBLE ENERGY INC	306353 SENW 5 4N -64W (6) 40.344870, -104.578760	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD	6881	7076	7688	SI
			0 JSND	7532	7558	7688	SI
			Formation	Top	Bottom	TD	Status
			0 JNBCD	6818	7496	7628	CM
05-123-25003, WILMOTH C 5-20 NOBLE ENERGY INC	306607 NWSW 5 4N -64W (6) 40.340930, -104.579550	Sidetrack	0 NB-CD	6818	7014	7628	SI
			0 NBRR	6818	6904	7628	CM
			0 CODL	7000	7014	7628	CM
			0 JSND	7466	7496	7628	SI
			Formation	Top	Bottom	TD	Status
05-123-26206, WILMOTH C 5-18 NOBLE ENERGY INC	310306 NENW 5 4N -64W (6) 40.344950, -104.574702	Sidetrack	0 NB-CD	7229	7422	8060	SI
			0 JSND	7875	7903	8060	SI
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6818	7014	7628	SI
			0 NBRR	6818	6904	7628	CM
05-123-33547, CONNELL C04-31D NOBLE ENERGY INC	329111 NENE 5 4N -64W (6) 40.347550, -104.567360	Sidetrack	0 CODL	7000	7014	7628	CM
			0 JSND	7466	7496	7628	SI
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6818	7014	7628	SI
			0 NBRR	6818	6904	7628	CM
05-123-34336, BURMAN C 05-22D NOBLE ENERGY INC	425301 NESE 5 4N -64W (6) 40.339110, -104.568320	Sidetrack	0 CODL	7000	7014	7628	CM
			0 JSND	7466	7496	7628	SI
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6818	7014	7628	SI
			0 NBRR	6818	6904	7628	CM
05-123-34337, BURMAN C 04-33D NOBLE ENERGY INC	425301 NESE 5 4N -64W (6) 40.339110, -104.568090	Sidetrack	0 CODL	7000	7014	7628	CM
			0 JSND	7466	7496	7628	SI
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6818	7014	7628	SI
			0 NBRR	6818	6904	7628	CM
05-123-34338, BURMAN C 05-23D NOBLE ENERGY INC	425301 NESE 5 4N -64W (6) 40.339110, -104.568400	Sidetrack	0 CODL	7000	7014	7628	CM
			0 JSND	7466	7496	7628	SI
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6818	7014	7628	SI
			0 NBRR	6818	6904	7628	CM
05-123-34340, BURMAN C 05-17D NOBLE ENERGY INC	425301 NESE 5 4N -64W (6) 40.339100, -104.568240	Sidetrack	0 CODL	7000	7014	7628	CM
			0 JSND	7466	7496	7628	SI
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6818	7014	7628	SI
			0 NBRR	6818	6904	7628	CM
05-123-34341, BURMAN C 05-24D	425301 NESE 5 4N -64W (6)	Sidetrack	0 CODL	7000	7014	7628	CM
			0 JSND	7466	7496	7628	SI
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6818	7014	7628	SI
			0 NBRR	6818	6904	7628	CM

NOBLE ENERGY INC	40.339100, -104.568560		0 NB-CD	7054	7251	7851	SI
05-123-34342, BURMAN C 05-21D	425301 NESE 5 4N -64W (6)	Sidetrack	0 JSND	7698	7724	7851	SI
NOBLE ENERGY INC	40.339110, -104.568480		Formation	Top	Bottom	TD	Status
05-123-34343, BURMAN C 04-32D	425301 NESE 5 4N -64W (6)	Sidetrack	0 NB-CD	7099	7294	7920	SI
NOBLE ENERGY INC	40.339110, -104.568170		0 JSND	7746	7774	7920	SI
05-123-45480, Wilmoth E 5K-312	452251 NWNW 5 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.345560, -104.579530		0 NB-CD	6923	7114	7744	SI
05-123-45481, Wilmoth W 5A-214	452251 NWNW 5 4N -64W (6)	Sidetrack	0 JSND	7563	7595	7744	SI
PDC ENERGY INC	40.345430, -104.579540		Formation	Top	Bottom	TD	Status
05-123-45482, Wilmoth W 5A-314	452251 NWNW 5 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.345470, -104.579530		Formation	Top	Bottom	TD	Status
05-123-45483, Wilmoth E 5A-202	452251 NWNW 5 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.345680, -104.579520		Formation	Top	Bottom	TD	Status
05-123-45484, Wilmoth E 5A-312	452251 NWNW 5 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.345720, -104.579520		Formation	Top	Bottom	TD	Status
05-123-45485, Wilmoth E 5A-232	452251 NWNW 5 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.345600, -104.579530		Formation	Top	Bottom	TD	Status
05-123-45486, Wilmoth W 5A-304	452251 NWNW 5 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.345390, -104.579540		Formation	Top	Bottom	TD	Status
05-123-45487, Wilmoth E 5J-232	452251 NWNW 5 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.345760, -104.579520		Formation	Top	Bottom	TD	Status
05-123-45488, Wilmoth W 5A-334	452251 NWNW 5 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.345310, -104.579540		Formation	Top	Bottom	TD	Status
05-123-45489, Wilmoth W 5A-204	452251 NWNW 5 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.345350, -104.579540		Formation	Top	Bottom	TD	Status
05-123-45490, Wilmoth E 5A-302	452251 NWNW 5 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.345640, -104.579530		Formation	Top	Bottom	TD	Status
05-123-45491, Wilmoth W 5J-234	452251 NWNW 5 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.345510, -104.579530		Formation	Top	Bottom	TD	Status
05-123-11921, LEY 1	322713 SWSE 6 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.335840, -104.591110		0 NB-CD	6794	7085	7280	SI
05-123-12016, LEY 2	322764 NESE 6 4N -64W (6)	Sidetrack	0 NBRR	6794	6900	7280	CM
NOBLE ENERGY INC	40.339430, -104.586160		0 CODL	7067	7085	7280	PR
05-123-12524, DINNER 6-2	323078 NESW 6 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.339447, -104.595179		0 NB-CD	6738	6856	7179	AB
05-123-12537, WILMOTH 6-1	323088 SWNE 6 4N -64W (6)	Sidetrack	0 NBRR	6738	6856	7179	CM
NOBLE ENERGY INC	40.342980, -104.590580		0 CODL	7031	7044	7179	CM
05-123-12538, WILMOTH 6-2	323089 NENE 6 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.346115, -104.585861		0 NB-CD	6804	7104	7215	SI
05-123-12676, WILMOTH 6-3	323183 NWNE 6 4N -64W (6)	Sidetrack	0 CODL	7090	7100	7215	CM
NOBLE ENERGY INC	40.346654, -104.590427		Formation	Top	Bottom	TD	Status
05-123-17359, DIETRICH 6-10	329442 NWSE 6 4N -64W (6)	Sidetrack	0 NB-CD	6826	7034	7128	SI
NOBLE ENERGY INC	40.338918, -104.590856		0 NBRR	6826	6948	7128	CM
05-123-17448, DIETRICH 6-16	329509 SESE 6 4N -64W (6)	Sidetrack	0 CODL	7017	7034	7128	CM
NOBLE ENERGY INC	40.336189, -104.587026		Formation	Top	Bottom	TD	Status
			0 NB-CD	7001	7013	7117	SI
			Formation	Top	Bottom	TD	Status
			0 NB-CD				7130 SI
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6788	7063	7274	SI
			0 NBRR	6788	6872	7274	CM
			0 CODL	7048	7058	7274	CM
			Formation	Top	Bottom	TD	Status
			0 NB-CD	6754	7065	7237	SI
			0 NBRR	6754	6929	7237	CM

05-123-19807, DINNER 6-34 NOBLE ENERGY INC	330872 SESE 6 4N -64W (6) 40.335807, -104.594951	Sidetrack	0 CODL Formation	7043 Top	7053 Bottom	7237 TD	CM Status
05-123-20025, WILMOTH 6-14 NOBLE ENERGY INC	331009 SENE 6 4N -64W (6) 40.342791, -104.585937	Sidetrack	0 CODL Formation	7073 Top	7083 Bottom	7257 TD	SI Status
05-123-24010, Dietrich C 06-23 NOBLE ENERGY INC	306117 SWSE 6 4N -64W (6) 40.337653, -104.588561	Sidetrack	0 CODL Formation	7038 Top	7048 Bottom	7181 TD	AB Status
			0 NB-CD	6752	7053	7667	SI
			0 NBRR	6752	6866	7667	CM
			0 CODL Formation	7040 Top	7053 Bottom	7667 TD	CM Status
05-123-29505, WILMOTH 6-15 NOBLE ENERGY INC	302631 SENE 6 4N -64W (6) 40.344870, -104.587960	Sidetrack					AL
05-123-31200, ARD PC C 06-21D NOBLE ENERGY INC	322822 SENW 6 4N -64W (6) 40.342730, -104.595000	Sidetrack	Formation	Top	Bottom	TD	Status
			0 JNBCD	7051	7673	7835	CM
			0 NB-CD	7051	7173	7835	SI
			0 NBRR	7051	7063	7835	CM
			0 CODL	7157	7173	7835	CM
			0 JSND Formation	7631 Top	7673 Bottom	7835 TD	SI Status
05-123-45734, Judy 6S-334 PDC ENERGY INC	452766 NESE 6 4N -64W (6) 40.340320, -104.587110	Sidetrack					DG
05-123-45735, Judy 6D-212 PDC ENERGY INC	452766 NESE 6 4N -64W (6) 40.340520, -104.587110	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45736, Judy 6S-202 PDC ENERGY INC	452766 NESE 6 4N -64W (6) 40.340600, -104.587110	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45737, Judy 6S-214 PDC ENERGY INC	452766 NESE 6 4N -64W (6) 40.340440, -104.587110	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45738, Judy 6S-302 PDC ENERGY INC	452766 NESE 6 4N -64W (6) 40.340650, -104.587110	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45739, Judy 6S-234 PDC ENERGY INC	452766 NESE 6 4N -64W (6) 40.340280, -104.587110	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45740, Judy 6D-312 PDC ENERGY INC	452766 NESE 6 4N -64W (6) 40.340480, -104.587110	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45741, Judy 6X-314 PDC ENERGY INC	452766 NESE 6 4N -64W (6) 40.340230, -104.587110	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45742, Judy 6S-212 PDC ENERGY INC	452766 NESE 6 4N -64W (6) 40.340690, -104.587110	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45743, Judy 6S-332 PDC ENERGY INC	452766 NESE 6 4N -64W (6) 40.340560, -104.587110	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45744, Judy 6S-314 PDC ENERGY INC	452766 NESE 6 4N -64W (6) 40.340400, -104.587110	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45745, Judy 6S-204 PDC ENERGY INC	452766 NESE 6 4N -64W (6) 40.340360, -104.587110	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45747, Harold 6X-202 PDC ENERGY INC	452785 SESE 6 4N -64W (6) 40.335820, -104.585490	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45748, Harold 6Y-304 PDC ENERGY INC	452785 SESE 6 4N -64W (6) 40.335410, -104.585490	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45749, Harold 6X-302 PDC ENERGY INC	452785 SESE 6 4N -64W (6) 40.335780, -104.585490	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45750, Harold 6X-334 PDC ENERGY INC	452785 SESE 6 4N -64W (6) 40.335490, -104.585490	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45751, Harold 6X-234 PDC ENERGY INC	452785 SESE 6 4N -64W (6) 40.335540, -104.585490	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45752, Harold 6Y-312 PDC ENERGY INC	452785 SESE 6 4N -64W (6) 40.335700, -104.585490	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45753, Harold 6X-204 PDC ENERGY INC	452785 SESE 6 4N -64W (6) 40.335620, -104.585490	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45754, Harold 6Y-214 PDC ENERGY INC	452785 SESE 6 4N -64W (6) 40.335450, -104.585490	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45755, Harold 6X-304	452785 SESE 6 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status

PDC ENERGY INC	40.335580, -104.585490						DG
05-123-45756, Harold 6X-232	452785 SESE 6 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.335740, -104.585490						DG
05-123-45757, Harold 6Y-202	452785 SESE 6 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.335660, -104.585490						DG
05-123-13183, DIETRICH RC 7-1	323552 NENE 7 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.332110, -104.586340		0 NB-CD	6826	7043	7154	SI
			0 NBRR	6826	6848	7154	CM
05-123-13184, DIETRICH R C 7-8	323553 SENE 7 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.328660, -104.586490		0 NB-CD	6778	7082	7203	SI
			0 NBRR	6778	6894	7203	CM
			0 CODL	7068	7082	7203	CM
05-123-14209, DIETRICH PM C 7-2	327134 NWNW 7 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.332260, -104.591050		0 FTHYS			7277	PR
			0 NB-CD	6830	7075	7277	PR
			0 NBFHC	6830	7076	7277	PR
			0 CD-FH	7047	7076	7277	CM
			0 NBRR	6830	6993	7277	CM
			0 CODL	7061	7075	7277	CM
05-123-26789, DIETRICH C 8-31D	332789 NENE 7 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.330538, -104.588402		0 NB-CD	6884	7185	7345	PR
			0 NBRR	6884	6996	7345	CM
			0 CODL	7171	7185	7345	CM
05-123-26790, DIETRICH C 7-17	332789 NENE 7 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.330540, -104.588570		0 NB-CD	6822	7048	7207	PR
			0 NBRR	6822	6939	7207	CM
			0 CODL	7032	7048	7207	CM
05-123-26791, DIETRICH C 8-32D	332789 NENE 7 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.330545, -104.588476		0 NB-CD	7038	7338	7491	PR
			0 NBRR	7038	7146	7491	CM
			0 CODL	7324	7338	7491	CM
05-123-27159, DIETRICH C 07-27D	410038 NENE 7 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.333500, -104.588650		1 NB-CD	6801	7070	7245	PR
			1 NBRR	6801	6898	7245	CM
			1 CODL	7056	7070	7245	CM
05-123-34349, Dietrich C07-22D	332789 NWNW 7 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.330550, -104.588840		0 NB-CD	7107	7308	7490	AB
05-123-34354, DIETRICH C08-30D	332789 NWNW 7 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.330550, -104.588760		0 NB-CD	7161	7416	8104	AB
			0 JSND	7883	7925	8104	AB
05-123-34355, Dietrich C07-18D	332789 NWNW 7 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.330550, -104.588910		0 NB-CD	7143	7352	7494	PR
05-123-11080, BENNER 1	319333 SENE 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.328580, -104.567200		0 NB-CD	6762	7037	7104	SI
			0 NBRR	6762	6955	7104	CM
			0 CODL	7023	7037	7104	CM
05-123-11113, RUFF 1	319353 NWNW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.332340, -104.571880		0 NB-CD	6698	7606	7050	PR
			0 NBRR	6698	6806	7050	CM
			0 CODL	6961	6976	7050	CM
05-123-11796, COX 8-1	322641 NENW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.332275, -104.576891		0 CODL	6976	6986	7148	AB
05-123-14172, COX PM C 8-4	327109 NWNW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.332676, -104.581165		0 NB-CD	6774	7018	7165	SI
			0 CODL	7004	7018	7165	CM
05-123-14173, COX PM C 8-5	327110 SWNW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.329160, -104.582050		0 NB-CD	6740	7038	7189	SI
			0 NBRR	6740	6920	7189	CM

05-123-14174, COX PM C 8-6 NOBLE ENERGY INC	327111 SENW 8 4N -64W (6) 40.329156, -104.576884	Sidetrack	0 CODL Formation	7024 Top	7038 Bottom	7189 TD	CM Status
			0 NB-CD	6708	7005	7164	SI
			0 NBRR	6708	6818	7164	CM
			0 CODL	6989	7005	7164	CM
05-123-18371, RUFF 8-1I4 NOBLE ENERGY INC	330083 NENE 8 4N -64W (6) 40.331450, -104.568570	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD	6692	6981	7710	SI
			0 NBRR	6692	6790	7710	CM
			0 CODL	6967	6981	7710	CM
			0 JSND	7426	7450	7710	TA
05-123-18372, RUFF 8-7I4 NOBLE ENERGY INC	330084 SWNE 8 4N -64W (6) 40.329230, -104.571430	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD	6704	6998	7154	PR
			0 NBRR	6704	6748	7154	CM
			0 CODL	6983	6998	7154	CM
05-123-20445, RYDGREN 8-31 NOBLE ENERGY INC	331293 NESW 8 4N -64W (6) 40.325074, -104.576159	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD	6774	6988	7143	PR
			0 NBRR	6774	6798	7143	CM
			0 CODL	6978	6988	7143	CM
05-123-22278, RUFF C 8-1 NOBLE ENERGY INC	332421 NENE 8 4N -64W (6) 40.332830, -104.566340	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD	6686	6975	7100	SI
			0 NBRR	6686	6788	7100	CM
			0 CODL	6964	6975	7100	PR
05-123-22520, Cox C 08-19D NOBLE ENERGY INC	305120 NWNW 8 4N -64W (6) 40.330530, -104.579820	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD	6708	7780	7873	SI
			0 NBRR	6708	6818	7873	CM
			0 CODL	6993	7007	7873	PR
			0 DKTA	7764	7780	7873	TA
05-123-27160, ENGLAND 8-3-17 NOBLE ENERGY INC	310870 NWSW 8 4N -64W (6) 40.326430, -104.580400	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD	6736	7036	7167	SI
			0 NBRR	6736	6918	7167	CM
			0 CODL	7022	7036	7167	CM
05-123-27307, GEHRING C 8-10X NOBLE ENERGY INC	302178 NWSE 8 4N -64W (6) 40.325560, -104.572740	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD	7005	7020	7142	SI
			0 NBRR	6783	6896	7142	CM
			0 CODL	7005	7020	7142	CM
05-123-34263, NORTHRUP C 08-75HN NOBLE ENERGY INC	425062 NWNE 8 4N -64W (6) 40.333350, -104.571650	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-34269, RUFF C 08-27D NOBLE ENERGY INC	425062 NWNE 8 4N -64W (6) 40.333351, -104.571483	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-34287, NORTHRUP C 08-73HN NOBLE ENERGY INC	425062 NWNE 8 4N -64W (6) 40.333350, -104.571570	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-45878, Jagged 1N PDC ENERGY INC	453038 NESW 8 4N -64W (6) 40.325600, -104.575400	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-45879, Jagged 2N PDC ENERGY INC	453038 NESW 8 4N -64W (6) 40.325600, -104.575460	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-45880, Jagged 3N PDC ENERGY INC	453038 NESW 8 4N -64W (6) 40.325600, -104.575510	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-45881, Jagged 5N PDC ENERGY INC	453038 NESW 8 4N -64W (6) 40.325600, -104.575620	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-45882, Jagged 10N PDC ENERGY INC	453038 NESW 8 4N -64W (6) 40.325600, -104.575890	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-45883, Jagged 4N PDC ENERGY INC	453038 NESW 8 4N -64W (6) 40.325600, -104.575560	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-45884, Jagged 8N PDC ENERGY INC	453038 NESW 8 4N -64W (6) 40.325600, -104.575780	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-45885, Jagged 7N PDC ENERGY INC	453038 NESW 8 4N -64W (6) 40.325600, -104.575730	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-45886, Jagged 9N	453038 NESW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status

PDC ENERGY INC	40.325600, -104.575830							XX
05-123-45887, Jagged 6N	453038 NESW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	XX
PDC ENERGY INC	40.325600, -104.575670							XX
05-123-45889, Challenger 3N	453057 SENW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	DG
PDC ENERGY INC	40.330400, -104.575260							DG
05-123-45890, Challenger 1N	453057 SENW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	XX
PDC ENERGY INC	40.330480, -104.575230							XX
05-123-45891, Challenger 2N	453057 SENW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	DG
PDC ENERGY INC	40.330440, -104.575260							DG
05-123-45892, Challenger 9N	453057 SENW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	XX
PDC ENERGY INC	40.330150, -104.575260							XX
05-123-45893, Challenger 6N	453057 SENW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	XX
PDC ENERGY INC	40.330280, -104.575260							XX
05-123-45894, Challenger 8N	453057 SENW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	XX
PDC ENERGY INC	40.330190, -104.575260							XX
05-123-45895, Challenger 5N	453057 SENW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	DG
PDC ENERGY INC	40.330320, -104.575260							DG
05-123-45896, Challenger 4N	453057 SENW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	DG
PDC ENERGY INC	40.330360, -104.575260							DG
05-123-45897, Challenger 7N	453057 SENW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	XX
PDC ENERGY INC	40.330230, -104.575260							XX
05-123-48736, Jagged 12N	453038 NESW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	XX
PDC ENERGY INC	40.325600, -104.575990							XX
05-123-48737, Jagged 11C	453038 NESW 8 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	XX
PDC ENERGY INC	40.325600, -104.575940							XX
05-123-11922, SMITH 1	336584 NWNW 9 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	
NOBLE ENERGY INC	40.332290, -104.562670		0 CODL	6951	6965	7100	CM	
			0 NB-CD	6950	6966	7100	SI	
			0 NBRR	6670	6688	7100	CM	
05-123-25506, SLEDGE C 9-31	309875 SWNW 9 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	
NOBLE ENERGY INC	40.330249, -104.564306		0 NB-CD	6731	6989	7115	SI	
			0 NBRR	6731	6795	7115	CM	
			0 CODL	6977	6989	7115	CM	
05-123-25508, SLEDGE C 9-29	309877 NWNW 9 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	
NOBLE ENERGY INC	40.333632, -104.560360		0 NB-CD	6658	6937	7099	SI	
			0 NBRR	6658	6751	7099	CM	
			0 CODL	6923	6937	7099	CM	
05-123-25586, SLEDGE C 9-30D	336584 NWNW 9 4N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	
NOBLE ENERGY INC	40.332388, -104.562593		0 NB-CD	6802	7091	7245	SI	
			0 NBRR	6802	6909	7245	CM	
			0 CODL	7079	7091	7245	CM	
05-123-13352, OCOMA B31-16	323673 SESE 31 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	
NOBLE ENERGY INC	40.350300, -104.584820		0 NB-CD	6728	7036	7205	SI	
			0 NBRR	6728	6916	7205	CM	
			0 CODL	7020	7036	7205	CM	
05-123-11481, HOLMAN 32-1	407691 SESE 32 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	AL
MIZEL PETRO RESOURCES INC	40.351096, -104.567465							
05-123-13181, BOREN 1-32	323550 SESW 32 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	
NOBLE ENERGY INC	40.350319, -104.575958		0 NB-CD			7105	SI	
			0 CODL	6959	6972	7105	CM	
05-123-14406, CHITTENDEN 2-32	327261 SWSE 32 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	
NOBLE ENERGY INC	40.350794, -104.571029		0 NB-CD	6684	6996	7145	PR	
			0 NBRR	6684	6880	7145	CM	
			0 CODL	6983	6996	7145	CM	
05-123-14412, BOREN 2-32	327266 NESW 32 5N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status	
NOBLE ENERGY INC	40.353454, -104.575991		0 NB-CD	6730	7029	7165	SI	
			0 NBRR	6730	6836	7165	CM	
			0 CODL	7017	7029	7165	CM	

05-123-16976, HSR-TULLBERG 13-32 NOBLE ENERGY INC	329183 SWSW 32 5N -64W (6) 40.349889, -104.580169	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-21618, SCHMIER 19-32 NOBLE ENERGY INC	331950 SWSW 32 5N -64W (6) 40.351780, -104.579520	Sidetrack	0 NB-CD Formation	Top	Bottom	7210 7160	PR PR
			0 NB-CD 0 NBRR 0 CODL	6791 6791 7000	7010 6914 7010	7160 7160 7160	PR CM CM
05-123-45067, Bath-Schmier 5N PDC ENERGY INC	451280 NWSW 32 5N -64W (6) 40.352120, -104.581380	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-45072, Bath-Schmier 1C PDC ENERGY INC	451280 NWSW 32 5N -64W (6) 40.352280, -104.581380	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-45074, Bath-Schmier 4N PDC ENERGY INC	451280 NWSW 32 5N -64W (6) 40.352160, -104.581380	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-45076, Bath-Schmier 6N PDC ENERGY INC	451280 NWSW 32 5N -64W (6) 40.352070, -104.581380	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-45077, Bath-Schmier 2N PDC ENERGY INC	451280 NWSW 32 5N -64W (6) 40.352240, -104.581380	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-45078, Bath-Schmier 3N PDC ENERGY INC	451280 NWSW 32 5N -64W (6) 40.352200, -104.581380	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-45081, Bath-Schmier 7N PDC ENERGY INC	451297 SWSW 32 5N -64W (6) 40.352030, -104.581380	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-45082, Bath-Schmier 11N PDC ENERGY INC	451297 SWSW 32 5N -64W (6) 40.351870, -104.581380	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-45083, Bath-Schmier 10N PDC ENERGY INC	451297 SWSW 32 5N -64W (6) 40.351910, -104.581380	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-45084, Bath-Schmier 8N PDC ENERGY INC	451297 SWSW 32 5N -64W (6) 40.351990, -104.581380	Sidetrack	Formation	Top	Bottom	TD	Status DG
05-123-45085, Bath-Schmier 9N PDC ENERGY INC	451297 SWSW 32 5N -64W (6) 40.351950, -104.581380	Sidetrack	Formation	Top	Bottom	TD	Status DG