

SB5
Base L-FH from Cheyenne Basin Map

NA
4850 – 4500 = 350’ (Well GR - Base L-FH)

Plug and Abandon Surface Casing Check

Operator	PDC					
API or Doc #	Howard Lake (API 123-22890)					
SB5 Base of Fox Hills	350	L-FH		This well GR	WW GR	Elev Diff
Deepest Water Well Within One Mile / number of wells	460	/	10	4850	4835	15
Deepest Water Well Within Two Miles / number of wells	780	/	75	4850	4765	85
Sussex / Shannon Production within one mile	N	/	N			
Operator Existing Surface Casing Depth	541					
Production Casing to be pulled	1800					
Required aquifer protection depth in this well	460	15	475	50	525	
	780	85	865	50	915	

Water Wells Selected From Map
Filter Results by Depth

780 ft
75 wells - 2 mi

WELL DESCRIPTION	LOCATION	WELL INFORMATION		
		Depth	Top Perf	Bottom Perf Aquifer
Receipt=0037568, Permit=37568-MH-- WOLFRUM JIMMIE & SHARON	SENE 10 6.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=0455191, Permit=223749--- WOLFRUM JIMMIE & SHARON	SENE 10 6.0 N -64.0 W	460	160	460 ALL UNNAMED AQUIFERS
Receipt=0478301, Permit=-- PENNINGTON, ROBERT	NENW 10 6.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=0478298, Permit=235728--- REKOW, CORRI L	NWNW 10 6.0 N -64.0 W	360	200	360 ALL UNNAMED AQUIFERS
Receipt=0460153, Permit=228211--- WILDER MICHAEL RAY & LAURA L	NESE 10 6.0 N -64.0 W	480	200	480 LARAMIE FOX HILLS
Receipt=C620358, Permit=358-WCB-- OSTHOFF, GEORGE	SWSE 10 6.0 N -64.0 W	38	0	0 ALL UNNAMED AQUIFERS
Receipt=9060156, Permit=9382--- HEIDENREICH, OLIVER	NWSW 10 6.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=9058964, Permit=2848-F-- ROTH EMANUEL JR	SWSW 10 6.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=9060152, Permit=9308--- HEIDENREICH, ALEX	SWSW 10 6.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=0515383G, Permit=253033--- NORTHERN CO WATER CONSERVANCY DIST	SWNW 11 6.0 N -64.0 W	55	35	55 ALL UNNAMED AQUIFERS
Receipt=0350726A, Permit=13093-AD-- VELLEMA, VICTOR	NESW 15 6.0 N -64.0 W	0	0	0 LARAMIE FOX HILLS
Receipt=0338622, Permit=164265--- VELLEMA, VICTOR	NWSW 15 6.0 N -64.0 W	400	300	400 ALL UNNAMED AQUIFERS
Receipt=0350726B, Permit=13094-AD-- VELLEMA, VICTOR	SESW 15 6.0 N -64.0 W	0	0	0 LARAMIE FOX HILLS
Receipt=0350726C, Permit=169782--- VELLEMA, VICTOR	SWSW 15 6.0 N -64.0 W	780	160	780 LARAMIE FOX HILLS
Receipt=0519053, Permit=255215--- MCGRAW, JARRETT	NENW 16 6.0 N -64.0 W	380	180	380 ALL UNNAMED AQUIFERS
Receipt=0288818, Permit=151698--- DINIS, JACK	NESE 16 6.0 N -64.0 W	0	0	0 LARAMIE FOX HILLS
Receipt=0014053, Permit=14053-TH-- DINIS, JACK	NESE 16 6.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=0463144, Permit=228114--- AFFORDABLE COUNTRY HOMES LLC	NWSE 16 6.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=0472385, Permit=232039--- AFFORDABLE COUNTRY HOMES LLC	NWSE 16 6.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=0463146, Permit=228115--- AFFORDABLE COUNTRY HOMES LLC	SWSE 16 6.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=0439099, Permit=214958--- DUNKER DONNIE D & LYNANN R	NWSW 16 6.0 N -64.0 W	300	140	300 LARAMIE FOX HILLS
Receipt=3641472, Permit=281361--- NIEBUR GINGER & GARY	SESW 16 6.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=9063769, Permit=34930--- KOHLEHOFF, HENRY	NESW 17 6.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS
Receipt=9060960, Permit=11930--- MARKLEY, W C	NENE 3 6.0 N -64.0 W	0	0	0 ALL UNNAMED AQUIFERS

Receipt=0521709A, Permit=255731---	NWNE 3	0	0	0 ALL UNNAMED AQUIFERS
DYER, DAVID	6.0 N -64.0 W			
Receipt=0521709B, Permit=255731--A--	NWNE 3	350	250	350 ALL UNNAMED AQUIFERS
WELDCO FARMS LLC	6.0 N -64.0 W			
Receipt=3636856, Permit=---	NW 3	245	0	0 QUATERNARY ALLUVIUM
VEGA, ABEL	6.0 N -64.0 W			
Receipt=3636857, Permit=---	NW 3	260	0	0 QUATERNARY ALLUVIUM
VEGA, ABEL	6.0 N -64.0 W			
Receipt=3636858, Permit=280229---	NWNW 3	0	0	0 QUATERNARY ALLUVIUM
VEGA ABEL & JORGE	6.0 N -64.0 W			
Receipt=0918754, Permit=129134---	NESE 3	0	0	0 ALL UNNAMED AQUIFERS
HELZER HAROLD SR	6.0 N -64.0 W			
Receipt=0233247, Permit=129134--A--	NESE 3	300	0	0 ALL UNNAMED AQUIFERS
HELZER, H	6.0 N -64.0 W			
Receipt=0036153, Permit=36153-MH--	SW 3	0	0	0 ALL UNNAMED AQUIFERS
HEISTERMANN, DEBBIE	6.0 N -64.0 W			
Receipt=0445523, Permit=218221---	NESW 3	340	200	340 ALL UNNAMED AQUIFERS
EGGE, DENNIS L	6.0 N -64.0 W			
Receipt=0460337A, Permit=225604---	NWSW 3	0	0	0 ALL UNNAMED AQUIFERS
MACK, VINCENT S	6.0 N -64.0 W			
Receipt=0460337B, Permit=225604--A--	NWSW 3	340	270	330 ALL UNNAMED AQUIFERS
MACK, VINCENT S	6.0 N -64.0 W			
Receipt=0483059, Permit=237205---	NENE 4	400	325	385 LARAMIE FOX HILLS
BARRELL, DAVE	6.0 N -64.0 W			
Receipt=9063402, Permit=28666---	NWNE 4	375	0	0 ALL UNNAMED AQUIFERS
SKJOLDAGER JACK & MARLENE E	6.0 N -64.0 W			
Receipt=0470517, Permit=231081---	SWNE 4	380	240	380 ALL UNNAMED AQUIFERS
LAWLEY, MARK	6.0 N -64.0 W			
Receipt=C620372, Permit=372-WCB--	5	297	0	0 ALL UNNAMED AQUIFERS
EDGAR, T J	6.0 N -64.0 W			
Receipt=0278120B, Permit=149021--A--	SWNE 5	85	44	85 ALL UNNAMED AQUIFERS
CHURCH OF JESUS CHRIST/LDS	6.0 N -64.0 W			
Receipt=9058826, Permit=1888---	NWNW 5	0	0	0 ALL UNNAMED AQUIFERS
ARVIDSON, ALFRED	6.0 N -64.0 W			
Receipt=0212589, Permit=118571--A--	SWNW 5	0	0	0 ALL UNNAMED AQUIFERS
GALINDO, S	6.0 N -64.0 W			
Receipt=0499687A, Permit=244844---	SWSW 5	0	0	0 ALL UNNAMED AQUIFERS
DYER, CALVIN J	6.0 N -64.0 W			
Receipt=0499687B, Permit=244844--A--	SWSW 5	360	160	360 ALL UNNAMED AQUIFERS
CECIL GLENN D & KIMBERLY S	6.0 N -64.0 W			
Receipt=0545824, Permit=63594-F--	NENE 6	755	215	695 ALL UNNAMED AQUIFERS
EATON SCHOOL DISTRICT RE-2	6.0 N -64.0 W			
Receipt=0900708, Permit=5833---	NENE 6	0	0	0 ALL UNNAMED AQUIFERS
GALETON BAPTIST CHURCH	6.0 N -64.0 W			
Receipt=0910873, Permit=76834---	NENE 6	0	0	0 ALL UNNAMED AQUIFERS
MORADO, RAMON	6.0 N -64.0 W			
Receipt=9066382, Permit=125155---	NENE 6	190	0	0 ALL UNNAMED AQUIFERS
HOEKSTRA STEPHEN M & JAMIE H	6.0 N -64.0 W			
Receipt=C620263, Permit=263-WCB--	NENE 6	274	0	0 ALL UNNAMED AQUIFERS
DEWEY & TAGGART	6.0 N -64.0 W			
Receipt=C620265, Permit=265-WCB--	NENE 6	165	0	0 ALL UNNAMED AQUIFERS
WOOD, L R	6.0 N -64.0 W			
Receipt=9065014, Permit=63844---	NENE 6	60	25	60 ALL UNNAMED AQUIFERS

CUNNINGHAM, LEE J	6.0 N -64.0 W			
Receipt=9058976, Permit=2929---	SWNE 6	0	0	0 ALL UNNAMED AQUIFERS
GALETON SCHOOL DIST	6.0 N -64.0 W			
Receipt=9058977, Permit=2930---	SWNE 6	0	0	0 ALL UNNAMED AQUIFERS
GALETON SCHOOL DIST	6.0 N -64.0 W			
Receipt=9058910, Permit=2508---	SWNE 6	0	0	0 ALL UNNAMED AQUIFERS
GALETON SCHOOL DIST	6.0 N -64.0 W			
Receipt=9061947, Permit=14459-R--	SENE 7	0	0	0 ALL UNNAMED AQUIFERS
EHRlich JACOB & RALPH L	6.0 N -64.0 W			
Receipt=9061948, Permit=14460-R--	SENE 7	0	0	0 ALL UNNAMED AQUIFERS
EHRlich JACOB & RALPH L	6.0 N -64.0 W			
Receipt=C620267, Permit=267-WCB--	NESE 7	70	0	0 ALL UNNAMED AQUIFERS
CARLSON, ROY	6.0 N -64.0 W			
Receipt=9058918, Permit=2542---	SWSE 7	0	0	0 ALL UNNAMED AQUIFERS
EDGAR, ALETTA	6.0 N -64.0 W			
Receipt=0510499, Permit=251155---	NWNW 8	0	0	0 LARAMIE FOX HILLS
SCOTT, MICHELLE S	6.0 N -64.0 W			
Receipt=0479208, Permit=235491---	NWNW 8	340	200	320 LARAMIE FOX HILLS
SCOTT, MICHELLE S	6.0 N -64.0 W			
Receipt=0505419, Permit=251154---	SENE 8	0	0	0 LARAMIE FOX HILLS
JOSEPH, DOUG	6.0 N -64.0 W			
Receipt=3613327, Permit=272815---	SENE 8	400	175	400 ALL UNNAMED AQUIFERS
JOSEPH, DOUG	6.0 N -64.0 W			
Receipt=0494289, Permit=243420---	NESE 8	460	310	460 ALL UNNAMED AQUIFERS
FREUND INVESTMENTS LLC	6.0 N -64.0 W			
Receipt=0364982, Permit=153-G--	SESE 8	200	0	0 ALL UNNAMED AQUIFERS
FRANCEN, BRENT	6.0 N -64.0 W			
Receipt=9058860, Permit=2056---	SESE 8	0	0	0 ALL UNNAMED AQUIFERS
KELLY ANNA M & DAVID E	6.0 N -64.0 W			
Receipt=0448418, Permit=220420---	SWSW 9	0	0	0 ALL UNNAMED AQUIFERS
STRASSER JOHN C & HANSON LORI J	6.0 N -64.0 W			
Receipt=C620264, Permit=264-WCB--	SESE 31	170	0	0 ALL UNNAMED AQUIFERS
WHITE, W G	7.0 N -64.0 W			
Receipt=9065478, Permit=78044---	NWSW 33	0	0	0 ALL UNNAMED AQUIFERS
CECIL, VERNON	7.0 N -64.0 W			
Receipt=9065484, Permit=78165--A--	SENE 34	377	277	377 ALL UNNAMED AQUIFERS
MONTAGUE NORRIS & SUSAN & TIMOTHY	7.0 N -64.0 W			
Receipt=0460130A, Permit=227056---	SWNW 34	0	0	0 ALL UNNAMED AQUIFERS
LOHR RODNEY & DARLA	7.0 N -64.0 W			
Receipt=0460130B, Permit=227056--A--	SWNW 34	440	340	440 ALL UNNAMED AQUIFERS
LOHR RODNEY & DARLA	7.0 N -64.0 W			
Receipt=0484375, Permit=238339---	NWSW 34	520	0	0 ALL UNNAMED AQUIFERS
TATMAN MICHAEL & APRIL	7.0 N -64.0 W			
Receipt=0485421, Permit=238340---	NWSW 34	0	0	0 ALL UNNAMED AQUIFERS
CHRISTIANSEN, JAMES E	7.0 N -64.0 W			
Receipt=0482663, Permit=237715---	SESW 34	360	320	360 LARAMIE FOX HILLS
BRUEGMAN, BRANDON J	7.0 N -64.0 W			
Receipt=0508985, Permit=250003---	SWSW 34	0	0	0 ALL UNNAMED AQUIFERS
GOODMAN, BRIAN W	7.0 N -64.0 W			

Oil and Gas Wells Selected

Filter Results by Formation

WELL DESCRIPTION	LOCATION ID	LOCATION	WELL INFORMATION					
05-123-22346, ERICKSON 34-4 PDC ENERGY INC	332475	SWSE 4 6N -64W (6) 40.509220, -104.551970	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6792	7100	7315	PR
				0 NBRR	6792	7016	7315	CM
				0 CODL	7092	7100	7315	CM
05-123-22359, LAWLEY 33-4 PDC ENERGY INC	332482	NWSE 4 6N -64W (6) 40.512830, -104.552030	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6823	7108	7333	PR
				0 NBRR	6823	6951	7333	CM
				0 CODL	7100	7108	7333	CM
05-123-22360, LAWLEY 43-4 PDC ENERGY INC	332483	NESE 4 6N -64W (6) 40.512890, -104.547940	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6792	7068	7291	PR
				0 NBRR	6492	6948	7291	CM
				0 CODL	7056	7068	7291	CM
05-123-22423, LAWLEY 32-4 PDC ENERGY INC	305084	SWNE 4 6N -64W (6) 40.517690, -104.553440	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6810	7115	7355	PR
				0 NBRR	6810	6945	7355	CM
				0 CODL	7104	7115	7355	CM
05-123-22424, LAWLEY 44-4D PDC ENERGY INC	305085	NESE 4 6N -64W (6) 40.512000, -104.547920	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6840	7130	7333	PR
				0 NBRR	6840	6966	7333	CM
				0 CODL	7121	7130	7333	CM
05-123-22573, ERICKSON 24-4 PDC ENERGY INC	305155	SESW 4 6N -64W (6) 40.509280, -104.556610	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6825	6954	7296	PR
				0 NBRR	6825	6954	7296	CM
				0 CODL	7112	7120	7296	CM
05-123-23099, ERICKSON 14-4 PDC ENERGY INC	305528	SWSW 4 6N -64W (6) 40.509250, -104.561330	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6802	7097	7296	PR
				0 NBRR	6802	6932	7296	CM
				0 CODL	7089	7097	7296	CM
05-123-23489, ERICKSON A 4-5 NOBLE ENERGY INC	305793	SWNW 4 6N -64W (6) 40.517491, -104.561840	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	7087	7097	7234	PR
				0 NBRR	6785	6926	7234	CM
				0 CODL	7087	7097	7234	CM
05-123-24419, ERICKSON 4D PDC ENERGY INC	306316	SWSE 4 6N -64W (6) 40.511060, -104.550830	Sidetrack	Formation	Top	Bottom	TD	Status
								AL
05-123-25861, ERICKSON 23-4 PDC ENERGY INC	310077	NESW 4 6N -64W (6) 40.513390, -104.557222	Sidetrack	Formation	Top	Bottom	TD	Status
								AL
05-123-26531, ERICKSON A 4-12 NOBLE ENERGY INC	310523	NWSW 4 6N -64W (6) 40.513385, -104.562116	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6912	7104	7309	SI
				0 NBRR	6912	6928	7309	CM
				0 CODL	7090	7104	7309	CM
05-123-11929, OWL CREEK 7 PDC ENERGY INC	322720	NESE 5 6N -64W (6) 40.513500, -104.566900	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD	6916	7102	0	SI
				0 NBRR	6916	6930	0	CM
				0 CODL	7090	7102	0	CM
				0 JSND	7544	7554	0	AB
05-123-18513, ERICKSON 5-43 NOBLE ENERGY INC	330150	SWSE 5 6N -64W (6) 40.509790, -104.572209	Sidetrack	Formation	Top	Bottom	TD	Status
				0 NB-CD			7193	SI
05-123-21959, GRADY DYER 23-5 PDC ENERGY INC	332196	NESW 5 6N -64W (6) 40.512810, -104.577030	Sidetrack	Formation	Top	Bottom	TD	Status
				0 CODL	7023	7031	7248	SI
05-123-24696, ROUSE-USX A 5-17 NOBLE ENERGY INC	306455	SENE 5 6N -64W (6) 40.518740, -104.568690	Sidetrack	Formation	Top	Bottom	TD	Status
				0 CODL	7082	7096	7269	SI
05-123-27175, OWL CREEK 7-5	310876	SESE 5 6N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status

PDC ENERGY INC	40.509720, -104.566760		0 NB-CD	6771	7071	7227	SI
05-123-29422, ROUSE USX A 05-07	302581 SWNE 5 6N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.516415, -104.571668		0 NB-CD	6798	7091	7245	SI
			0 NBRR	6798	6919	7245	CM
			0 CODL	7078	7091	7245	CM
05-123-29423, ROUSE USX A 05-08	302582 SENE 5 6N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.516457, -104.566909		0 NB-CD	6786	7101	7240	SI
			0 NBRR	6786	6931	7240	CM
			0 CODL	7087	7101	7240	CM
05-123-33405, DYER USX A 05-14	422852 SESW 5 6N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
NOBLE ENERGY INC	40.509650, -104.576480		0 NB-CD	6744	7053	7255	PR
05-123-14418, UHRICH 44-8	327271 SESE 8 6N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.494530, -104.566920		0 NB-CD			7174	SI
05-123-14446, UHRICH 34-8	327291 SWSE 8 6N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.494530, -104.571580		0 NBFHC	6779	7085	7230	AB
05-123-20467, UHRICH 33-8	331305 NWSE 8 6N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.498250, -104.571640		0 CODL	7058	7068	7303	AB
05-123-21656, UHRICH 43-8	331971 NESE 8 6N -64W (6)	Sidetrack	Formation	Top	Bottom	TD	Status
PDC ENERGY INC	40.498280, -104.566396		0 NB-CD	6890	7063	7340	SI
			0 NBRR	6828	6896	7340	CM
			Formation	Top	Bottom	TD	Status
05-123-21958, FRANCEN 23-8	332195 NESW 8 6N -64W (6)	Sidetrack	0 NB-CD	6716	7025	7335	SI
PDC ENERGY INC	40.498190, -104.577080		0 NBRR	6716	6854	7335	CM
			0 CODL	7017	7025	7335	CM
			Formation	Top	Bottom	TD	Status
05-123-22515, FRANCIS 22-8	305115 SENW 8 6N -64W (6)	Sidetrack	0 NB-CD	6718	7032	7252	SI
PDC ENERGY INC	40.501890, -104.577110		0 NBRR	6718	6860	7252	CM
			0 CODL	7024	7032	7252	CM
			Formation	Top	Bottom	TD	Status
05-123-23750, ERICKSON A 8-7	305967 SWNE 8 6N -64W (6)	Sidetrack	0 NB-CD	6730	7048	7295	SI
NOBLE ENERGY INC	40.502480, -104.571150		0 NBRR	6730	6874	7295	CM
			0 CODL	7035	7048	7295	CM
			Formation	Top	Bottom	TD	Status
05-123-23751, ERICKSON A 8-17	305968 NENE 8 6N -64W (6)	Sidetrack	0 NB-CD	6766	7076	7242	SI
NOBLE ENERGY INC	40.504224, -104.568578		0 NBRR	6766	6908	7242	CM
			0 CODL	7063	7076	7242	PR
			Formation	Top	Bottom	TD	Status
05-123-23752, ERICKSON A 8-8	305969 SENE 8 6N -64W (6)	Sidetrack	0 NB-CD	6780	7086	7234	SI
NOBLE ENERGY INC	40.502512, -104.566367		0 NBRR	6780	6916	7234	CM
			0 CODL	7073	7086	7234	CM
			Formation	Top	Bottom	TD	Status
05-123-23826, ERICKSON A 8-1	306012 NENE 8 6N -64W (6)	Sidetrack	0 NB-CD	6758	7068	7200	SI
NOBLE ENERGY INC	40.506124, -104.567061		0 NBRR	6758	6900	7200	CM
			0 CODL	7056	7068	7200	CM
			Formation	Top	Bottom	TD	Status
05-123-23853, ERICKSON A 8-2	306018 NWNE 8 6N -64W (6)	Sidetrack	0 NB-CD	6752	7066	7224	SI
NOBLE ENERGY INC	40.506090, -104.571860		0 NBRR	6752	6890	7224	CM
			0 CODL	7053	7066	7224	CM
			Formation	Top	Bottom	TD	Status
05-123-27063, FRANCIS 8A	310834 SWNW 8 6N -64W (6)	Sidetrack					AL
PDC ENERGY INC	40.504136, -104.579177		Formation	Top	Bottom	TD	Status
05-123-27380, FRANCIS 21-8	302223 NENW 8 6N -64W (6)	Sidetrack	0 NB-CD	6860	7042	7224	SI
PDC ENERGY INC	40.506560, -104.577110		0 NBRR	6860	6875	7224	CM
			0 CODL	7032	7042	7224	CM
			Formation	Top	Bottom	TD	Status
05-123-44556, Uhrich 8D-334	449857 SESE 8 6N -64W (6)	Sidetrack					XX
PDC ENERGY INC	40.493999, -104.567986						

05-123-44557, Uhrich 8D-304 PDC ENERGY INC	449857 SESE 8 6N -64W (6) 40.493982, -104.568092	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-44558, Uhrich 8T-214 PDC ENERGY INC	449857 SESE 8 6N -64W (6) 40.494008, -104.567934	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-44559, Uhrich 8T-314 PDC ENERGY INC	449857 SESE 8 6N -64W (6) 40.494017, -104.567881	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-44560, Uhrich 8D-234 PDC ENERGY INC	449857 SESE 8 6N -64W (6) 40.493990, -104.568039	Sidetrack	Formation	Top	Bottom	TD	Status XX
05-123-11930, OWL CREEK 5 ST JAMES ENERGY OPERATING INC	407861 NENE 9 6N -64W (6) 40.506034, -104.548165	Sidetrack	Formation	Top	Bottom	TD	Status AB
05-123-22344, HOWARD LAKE 12-9 PDC ENERGY INC	332473 SWNW 9 6N -64W (6) 40.502560, -104.562360	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD	6791	7096	7281	SI
			0 NBRR	6791	6925	7281	CM
			0 CODL	7088	7096	7281	CM
05-123-22890, HOWARD LAKE 11-9 PDC ENERGY INC	305382 NWNW 9 6N -64W (6) 40.505500, -104.562440	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-23063, HOWARD LAKE 42-9 PDC ENERGY INC	333237 SENE 9 6N -64W (6) 40.502170, -104.547470	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-23073, HOWARD LAKE 21-9 PDC ENERGY INC	305508 NENW 9 6N -64W (6) 40.505750, -104.557780	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-23074, HOWARD LAKE 41-9 PDC ENERGY INC	305509 NENE 9 6N -64W (6) 40.505580, -104.547390	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-24494, HOWARD USX A 9-13 NOBLE ENERGY INC	306348 SWSW 9 6N -64W (6) 40.495090, -104.562070	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD	6733	7053	7221	SI
			0 NBRR	6733	6876	7221	CM
			0 CODL	7039	7053	7221	CM
05-123-24495, HOWARD USX A 9-10 NOBLE ENERGY INC	306349 NWSE 9 6N -64W (6) 40.498780, -104.552830	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD	6762	7595	7270	PR
			0 NBRR	6762	6902	7270	CM
			0 CODL	7579	7595	7270	CM
05-123-24496, HOWARD USX A 9-11 NOBLE ENERGY INC	306350 NESW 9 6N -64W (6) 40.499340, -104.557100	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD	6762	7054	7222	SI
			0 NBRR	6762	6913	7222	CM
			0 CODL	7039	7054	7222	CM
05-123-24629, HOWARD-USX A 9-7 UNITED STATES EXPLORATION INC	409960 SWNE 9 6N -64W (6) 40.502510, -104.552390	Sidetrack	Formation	Top	Bottom	TD	Status AL
05-123-25283, HOWARD USX A 9-7 NOBLE ENERGY INC	333237 SENE 9 6N -64W (6) 40.502171, -104.547564	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD	7229	7239	7411	AB
			0 NBRR	6928	7068	7411	CM
			0 CODL	7229	7239	7411	CM
05-123-33520, HOWARD USX A 09-19 NOBLE ENERGY INC	423200 SWNW 9 6N -64W (6) 40.504010, -104.560060	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-33521, HOWARD USX A 09-02D NOBLE ENERGY INC	423200 SWNW 9 6N -64W (6) 40.504020, -104.559820	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-33522, Howard USX A09-15D NOBLE ENERGY INC	423191 SESE 9 6N -64W (6) 40.496960, -104.549980	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-33524, Howard USX A09-14D NOBLE ENERGY INC	423191 SESE 9 6N -64W (6) 40.496960, -104.550060	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-33526, Howard USX A09-23 NOBLE ENERGY INC	423191 SESE 9 6N -64W (6) 40.496960, -104.549820	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-33527, Howard USX A09-09D NOBLE ENERGY INC	423191 SESE 9 6N -64W (6) 40.496960, -104.549900	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-33531, HOWARD USX A 09-12D NOBLE ENERGY INC	423200 SWNW 9 6N -64W (6) 40.504020, -104.559980	Sidetrack	Formation	Top	Bottom	TD	Status
05-123-33532, HOWARD USX A 09-06D NOBLE ENERGY INC	423200 SWNW 9 6N -64W (6) 40.504020, -104.559900	Sidetrack	Formation	Top	Bottom	TD	Status
			0 NB-CD	7040	7223	7365	SI

05-123-13963, STATE LEASE 81 11-16 PDC ENERGY INC	326977 NWNW 16 6N -64W (6) 40.491530, -104.562580	Sidetrack	Formation 0 NB-CD	Top	Bottom	TD 7216	Status AB
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