



Lease Review All  
Well Name: WILDHORSE 16-1613BH

API Number 0512336168			WPC ID 1CO076857			Well Permit Number			Field Name DJ Horizontal Niobrara			County Weld			State CO
Well Configuration Type Lateral/Horizontal					Orig KB Elv (ft) 5,084.50		Ground Elevation (ft) 5,068.00		Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ftKB) 11,352.0		
Original Spud Date 11/13/2012		Completion Date 12/19/2012		Asset Group Central Rockies Asset Group			Responsible Engineer Gary Nordlander			N/S Dist (ft) 340.0		N/S Ref FSL	E/W Dist (ft) 607.0		E/W Ref FWL
Lot	Quarter 1 SW	Quarter 2 SW	Quarter 3	Quarter 4	Section 16	Section Suffix	Section Type	Township 9 N	Township N/S Dir	Range 59	Range E/W Dir W	Meridian			

Lateral/Horizontal - Original Hole, 4/12/2013 9:21:02 AM

MD (ftKB)	TV D (ftK B)	In cl (°)	Vertical schematic (actual)	Logs
2,016.7	2,011.6	11.2		
5,535.1	5,489.1	0.4		
6,564.3	6,278.7	79.6		
6,594.8	6,283.4	83.3		
6,643.0	6,286.2	87.4		
6,722.1	6,287.2	91.6		
6,826.1	6,285.2	90.7		
6,926.2	6,283.8	91.1		
7,030.5	6,281.8	91.4		
7,223.1	6,277.3	90.6		
7,331.0	6,276.0	90.9		
7,427.5	6,274.6	90.6		
7,535.8	6,273.0	90.6		
7,632.2	6,273.7	89.1		
7,740.5	6,274.6	88.5		
7,836.9	6,275.9	90.0		
7,944.9	6,274.9	90.7		
8,046.6	6,273.8	89.5		
8,149.9	6,274.3	89.9		
8,251.0	6,273.3	91.2		
8,354.3	6,271.0	91.6		
8,460.0	6,267.0	92.2		
8,562.0	6,263.0	91.9		
8,664.0	6,260.9	90.0		
8,769.0	6,261.2	90.0		
8,961.6	6,260.1	90.3		
9,064.0	6,259.2	89.8		
9,172.6	6,259.8	89.5		
9,268.7	6,260.4	90.1		
9,377.0	6,259.8	90.5		
9,482.6	6,258.9	90.4		
9,585.6	6,257.4	91.3		
9,687.3	6,255.9	90.1		
9,790.0	6,256.3	88.7		
9,892.1	6,260.1	86.9		
9,997.0	6,265.5	87.4		
10,189.6	6,267.3	90.1		
10,201.4	6,267.3	89.8		
10,394.0	6,266.9	90.9		
10,406.2	6,266.7	91.0		
10,598.8	6,265.2	91.0		
10,610.9	6,265.0	91.0		
10,757.9	6,267.0	88.4		
10,860.2	6,269.3	89.6		
10,922.9	6,269.3	90.4		
11,019.7	6,269.2	89.9		
11,083.0	6,269.6	89.8		
11,184.4	6,270.2	90.0		
11,242.5	6,269.9	90.8		
11,339.6	6,267.8	91.6		

Wellbore Sections						
Wellbore Name			Start Date	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Original Hole			11/13/2012	13 1/2	16.5	2,076.0
Original Hole			11/15/2012	8 3/4	2,076.0	6,653.0
Original Hole			11/19/2012	6	6,653.0	11,352.0
Surface Csg, 2,065.0ftKB						
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
9 5/8	36.00	K-55	16.4	2,016.9	2,000.50	Casing Joints
9 5/8	36.00	K-55	2,016.9	2,018.4	1.50	Float Collar
9 5/8	36.00	K-55	2,018.4	2,063.5	45.15	Casing Joints
9 5/8	36.00	K-55	2,063.5	2,065.0	1.50	Float Shoe
Intermediate Csg, 6,640.3ftKB						
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
7	29.00	HCL-80	16.5	16.5	0.00	Landing Joint
7	29.00		16.5	18.5	2.00	Casing Hanger
7	29.00	HCL-80	18.5	22.5	4.00	Casing PUP Joint
7	29.00	HCL-80	22.5	6,593.9	6,571.43	Casing Joints
7			6,593.9	6,594.9	1.00	Float Collar
7	29.00	HCL-80	6,594.9	6,638.8	43.90	Casing Joints
7			6,638.8	6,640.3	1.50	Float Shoe
Liner, 11,342.0ftKB						
OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
4 1/2	11.60	SeAH-90	5,535.2	5,535.2	0.00	4.5" SEH90 11.6LB
4 1/2	11.60	SeAH-90	5,535.2	5,535.2	0.00	CROSS OVER
4 1/2	11.60	SeAH-90	5,535.2	5,535.2	0.00	BUMPER JARS
4 1/2	11.60	SeAH-90	5,535.2	5,535.2	0.00	DP STICK UP - 3 1/2" IF
6.184	11.60	SeAH-90	5,535.2	5,555.9	20.78	ZXP LINER TOP PACKER
6.184	11.60	SeAH-90	5,555.9	5,562.7	6.79	HMC LINER HANGER
4 1/2	11.60	SeAH-90	5,562.7	5,565.7	3.00	PBR X-OVER
4 1/2	11.60	SeAH-90	5,565.7	5,571.5	5.76	PUP 4.5" 11.6# P-110 LTC
4 1/2	11.60	SeAH-90	5,571.5	6,564.2	992.69	4.5" SEH90 11.6LB
4 1/2	11.60	SeAH-90	6,564.2	6,569.5	5.35	PUP 4.5" 11.6# SB-80 LT&C
6.184	11.60	SeAH-90	6,569.5	6,573.5	3.99	OIL SWELL PACKER #24
4 1/2	11.60	SeAH-90	6,573.5	6,576.3	2.75	PUP 4.5" 11.6# SB-80 LT&C
4 1/2	11.60	SeAH-90	6,576.3	6,711.7	135.40	4.5" SEH90 11.6LB
4 1/2	11.60	SeAH-90	6,711.7	6,717.7	6.07	PUP 4.5" 11.6# SB-80 LT&C
4 1/2	11.60	SeAH-90	6,717.7	6,721.6	3.90	3.625" FRAC SLEEVE
4 1/2	11.60	SeAH-90	6,721.6	6,723.7	2.08	PUP 4.5" 11.6# SB-80 LT&C
4 1/2	11.60	SeAH-90	6,723.7	6,814.0	90.26	4.5" SEH90 11.6LB
4 1/2	11.60	SeAH-90	6,814.0	6,819.3	5.32	PUP 4.5" 11.6# SB-80 LT&C
5 3/4	11.60	SeAH-90	6,819.3	6,823.3	4.01	OIL SWELL PACKER #23
4 1/2	11.60	SeAH-90	6,823.3	6,826.0	2.74	PUP 4.5" 11.6# SB-80 LT&C
4 1/2	11.60	SeAH-90	6,826.0	6,916.3	90.25	4.5" SEH90 11.6LB
4 1/2	11.60	SeAH-90	6,916.3	6,922.4	6.08	PUP 4.5" 11.6# SB-80 LT&C
4 1/2	11.60	SeAH-90	6,922.4	6,926.3	3.90	3.500"FRAC SLEEVE
4 1/2	11.60	SeAH-90	6,926.3	6,928.4	2.09	PUP 4.5" 11.6# SB-80 LT&C
4 1/2	11.60	SeAH-90	6,928.4	7,018.6	90.21	4.5" SEH90 11.6LB
4 1/2	11.60	SeAH-90	7,018.6	7,023.9	5.32	PUP 4.5" 11.6# SB-80 LT&C
5 3/4	11.60	SeAH-90	7,023.9	7,027.9	4.00	OIL SWELL PACKER #22
4 1/2	11.60	SeAH-90	7,027.9	7,030.6	2.74	PUP 4.5" 11.6# SB-80 LT&C
4 1/2	11.60	SeAH-90	7,030.6	7,120.9	90.23	4.5" SEH90 11.6LB
4 1/2	11.60	SeAH-90	7,120.9	7,126.9	6.08	PUP 4.5" 11.6# SB-80 LT&C
4 1/2	11.60	SeAH-90	7,126.9	7,130.8	3.89	3.375" FRAC SLEEVE
4 1/2	11.60	SeAH-90	7,130.8	7,132.9	2.09	PUP 4.5" 11.6# SB-80 LT&C
4 1/2	11.60	SeAH-90	7,132.9	7,223.2	90.27	4.5" SEH90 11.6LB
4 1/2	11.60	SeAH-90	7,223.2	7,228.5	5.34	PUP 4.5" 11.6# SB-80 LT&C
5 3/4	11.60	SeAH-90	7,228.5	7,232.5	4.00	OIL SWELL PACKER #21

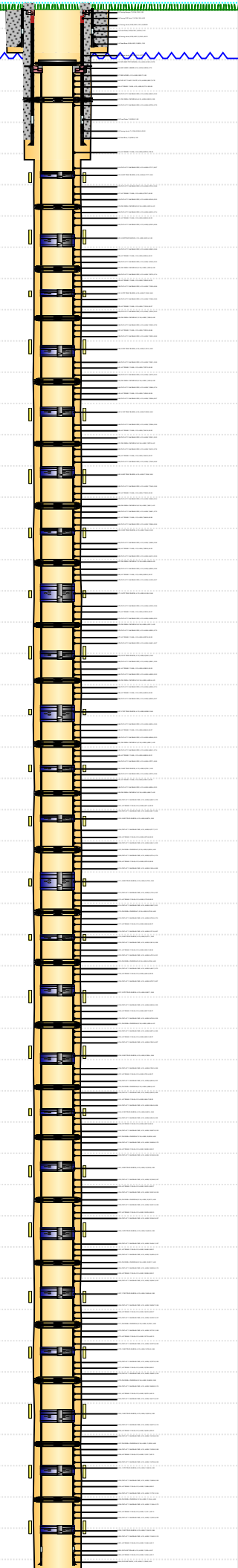


Lease Review All  
Well Name: WILDHORSE 16-1613BH

API Number 0512336168			WPC ID 1CO076857			Well Permit Number			Field Name DJ Horizontal Niobrara			County Weld		State CO				
Well Configuration Type Lateral/Horizontal					Orig KB Elv (ft) 5,084.50		Ground Elevation (ft) 5,068.00		Casing Flange Elevation (ft)			Tubing Head Elevation (ft)		Total Depth (ftKB) 11,352.0				
Original Spud Date 11/13/2012			Completion Date 12/19/2012		Asset Group Central Rockies Asset Group			Responsible Engineer Gary Nordlander			N/S Dist (ft) 340.0		N/S Ref FSL	E/W Dist (ft) 607.0		E/W Ref FWL		
Lot		Quarter 1 SW	Quarter 2 SW	Quarter 3	Quarter 4	Section 16	Section Suffix	Section Type		Township 9 N		Township N/S Dir		Range 59 W		Meridian		
Lateral/Horizontal - Original Hole, 4/12/2013 9:21:05 AM								OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des				
MD (ftKB)	TV D (ftKB)	In cl (°)	<div>Vertical schematic (actual)</div>			Logs	4 1/2	11.60	SeAH-90	7,232.5	7,235.3	2.76	PUP 4.5" 11.6# SB-80 LT&C					
							4 1/2	11.60	SeAH-90	7,235.3	7,325.2	89.88	4.5" SEH90 11.6LB					
							4 1/2	11.60	SeAH-90	7,325.2	7,331.2	6.06	PUP 4.5" 11.6# SB-80 LT&C					
							4 1/2	11.60	SeAH-90	7,331.2	7,335.1	3.90	3.250" FRAC SLEEVE					
							4 1/2	11.60	SeAH-90	7,335.1	7,337.2	2.09	PUP 4.5" 11.6# SB-80 LT&C					
							6,564.3	6,278.7	79.6	4 1/2	11.60	SeAH-90	7,337.2	7,427.5	90.26	4.5" SEH90 11.6LB		
							6,594.8	6,283.4	83.3	4 1/2	11.60	SeAH-90	7,427.5	7,432.8	5.33	PUP 4.5" 11.6# SB-80 LT&C		
							6,643.0	6,286.2	87.4	5 3/4	11.60	SeAH-90	7,432.8	7,436.8	4.00	OIL SWELL PACKER #20		
							6,722.1	6,287.2	91.6	4 1/2	11.60	SeAH-90	7,436.8	7,439.6	2.74	PUP 4.5" 11.6# SB-80 LT&C		
							6,826.1	6,285.2	90.7	4 1/2	11.60	SeAH-90	7,439.6	7,529.8	90.28	4.5" SEH90 11.6LB		
							6,926.2	6,283.8	91.1	4 1/2	11.60	SeAH-90	7,529.8	7,535.9	6.07	PUP 4.5" 11.6# SB-80 LT&C		
							7,030.5	6,281.8	91.4	4 1/2	11.60	SeAH-90	7,535.9	7,539.8	3.90	3.125" FRAC SLEEVE		
							7,223.1	6,277.3	90.6	4 1/2	11.60	SeAH-90	7,539.8	7,541.9	2.09	PUP 4.5" 11.6# SB-80 LT&C		
							7,331.0	6,276.0	90.9	4 1/2	11.60	SeAH-90	7,541.9	7,632.1	90.25	4.5" SEH90 11.6LB		
							7,427.5	6,274.6	90.6	4 1/2	11.60	SeAH-90	7,632.1	7,637.5	5.32	PUP 4.5" 11.6# SB-80 LT&C		
							7,535.8	6,273.0	90.6	5 3/4	11.60	SeAH-90	7,637.5	7,641.5	4.01	OIL SWELL PACKER #19		
							7,740.5	6,274.6	88.5	4 1/2	11.60	SeAH-90	7,641.5	7,644.2	2.76	PUP 4.5" 11.6# SB-80 LT&C		
							7,836.9	6,275.9	90.0	4 1/2	11.60	SeAH-90	7,644.2	7,734.5	90.27	4.5" SEH90 11.6LB		
							7,944.9	6,274.9	90.7	4 1/2	11.60	SeAH-90	7,734.5	7,740.6	6.06	PUP 4.5" 11.6# SB-80 LT&C		
							8,046.6	6,273.8	89.5	4 1/2	11.60	SeAH-90	7,740.6	7,744.5	3.90	3.000" FRAC SLEEVE		
							8,149.9	6,274.3	89.9	4 1/2	11.60	SeAH-90	7,744.5	7,746.5	2.06	PUP 4.5" 11.6# SB-80 LT&C		
							8,251.0	6,273.3	91.2	4 1/2	11.60	SeAH-90	7,746.5	7,836.8	90.26	4.5" SEH90 11.6LB		
							8,354.3	6,271.0	91.6	4 1/2	11.60	SeAH-90	7,836.8	7,842.1	5.34	PUP 4.5" 11.6# SB-80 LT&C		
							8,460.0	6,267.0	92.2	5 3/4	11.60	SeAH-90	7,842.1	7,846.1	4.01	OIL SWELL PACKER #18		
							8,562.0	6,263.0	91.9	4 1/2	11.60	SeAH-90	7,846.1	7,848.9	2.72	PUP 4.5" 11.6# SB-80 LT&C		
							8,664.0	6,260.9	90.0	4 1/2	11.60	SeAH-90	7,848.9	7,938.8	89.98	4.5" SEH90 11.6LB		
							8,769.0	6,261.2	90.0	4 1/2	11.60	SeAH-90	7,938.8	7,944.9	6.08	PUP 4.5" 11.6# SB-80 LT&C		
							8,961.6	6,260.1	90.3	4 1/2	11.60	SeAH-90	7,944.9	7,948.8	3.90	2.938" FRAC-SLEEVE		
							9,064.0	6,259.2	89.8	4 1/2	11.60	SeAH-90	7,948.8	7,950.9	2.08	PUP 4.5" 11.6# SB-80 LT&C		
							9,172.6	6,259.8	89.5	4 1/2	11.60	SeAH-90	7,950.9	8,041.2	90.26	4.5" SEH90 11.6LB		
							9,268.7	6,260.4	90.1	4 1/2	11.60	SeAH-90	8,041.2	8,046.5	5.39	PUP 4.5" 11.6# SB-80 LT&C		
							9,377.0	6,259.8	90.5	5 3/4	11.60	SeAH-90	8,046.5	8,050.6	4.02	OIL SWELL PACKER #17		
							9,482.6	6,258.9	90.4	4 1/2	11.60	SeAH-90	8,050.6	8,053.2	2.66	PUP 4.5" 11.6# SB-80 LT&C		
							9,585.6	6,257.4	91.3	4 1/2	11.60	SeAH-90	8,053.2	8,143.5	90.27	4.5" SEH90 11.6LB		
							9,687.3	6,255.9	90.1	4 1/2	11.60	SeAH-90	8,143.5	8,149.6	6.07	PUP 4.5" 11.6# SB-80 LT&C		
							9,790.0	6,256.3	88.7	4 1/2	11.60	SeAH-90	8,149.6	8,153.4	3.88	2.875" FRAC-SLEEVE		
							9,892.1	6,260.1	86.9	4 1/2	11.60	SeAH-90	8,153.4	8,155.5	2.08	PUP 4.5" 11.6# SB-80 LT&C		
							9,997.0	6,265.5	87.4	4 1/2	11.60	SeAH-90	8,155.5	8,245.8	90.27	4.5" SEH90 11.6LB		
							10,189.6	6,267.3	90.1	4 1/2	11.60	SeAH-90	8,245.8	8,251.1	5.33	PUP 4.5" 11.6# SB-80 LT&C		
							10,201.4	6,267.3	89.8	5 3/4	11.60	SeAH-90	8,251.1	8,255.1	4.02	OIL SWELL PACKER #16		
							10,394.0	6,266.9	90.9	4 1/2	11.60	SeAH-90	8,255.1	8,257.9	2.73	PUP 4.5" 11.6# SB-80 LT&C		
							10,406.2	6,266.7	91.0	4 1/2	11.60	SeAH-90	8,257.9	8,348.1	90.25	4.5" SEH90 11.6LB		
							10,598.8	6,265.2	91.0	4 1/2	11.60	SeAH-90	8,348.1	8,354.2	6.07	PUP 4.5" 11.6# SB-80 LT&C		
							10,610.9	6,265.0	91.0	4 1/2	11.60	SeAH-90	8,354.2	8,358.1	3.89	2.813" FRAC-SLEEVE		
							10,757.9	6,267.0	88.4	4 1/2	11.60	SeAH-90	8,358.1	8,360.2	2.09	PUP 4.5" 11.6# SB-80 LT&C		
							10,860.2	6,269.3	89.6	4 1/2	11.60	SeAH-90	8,360.2	8,450.5	90.29	4.5" SEH90 11.6LB		
							10,922.9	6,269.3	90.4	4 1/2	11.60	SeAH-90	8,450.5	8,455.8	5.32	PUP 4.5" 11.6# SB-80 LT&C		
							11,019.7	6,269.2	89.9									
							11,083.0	6,269.6	89.8									
							11,184.4	6,270.2	90.0									
							11,242.5	6,269.9	90.8									
							11,339.6	6,267.8	91.6									



Lease Review All  
Well Name: WILDHORSE 16-1613BH

API Number 0512336168			WPC ID 1CO076857			Well Permit Number			Field Name DJ Horizontal Niobrara			County Weld		State CO				
Well Configuration Type Lateral/Horizontal					Orig KB Elv (ft) 5,084.50		Ground Elevation (ft) 5,068.00		Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ftKB) 11,352.0					
Original Spud Date 11/13/2012			Completion Date 12/19/2012		Asset Group Central Rockies Asset Group			Responsible Engineer Gary Nordlander			N/S Dist (ft) 340.0		N/S Ref FSL	E/W Dist (ft) 607.0	E/W Ref FWL			
Lot		Quarter 1 SW	Quarter 2 SW	Quarter 3	Quarter 4	Section 16	Section Suffix	Section Type	Township 9 N		Township N/S Dir	Range 59	Range E/W Dir W	Meridian				
Lateral/Horizontal - Original Hole, 4/12/2013 9:21:08 AM							OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des					
MD (ftKB)	TV D (ftKB)	In cl (°)	<div>Vertical schematic (actual)</div> 			Logs	5 3/4	11.60	SeAH-90	8,455.8	8,459.8	4.03	OIL SWELL PACKER #15					
							4 1/2	11.60	SeAH-90	8,459.8	8,462.6	2.74	PUP 4.5" 11.6# SB-80 LT&C					
							4 1/2	11.60	SeAH-90	8,462.6	8,552.4	89.89	4.5" SEH90 11.6LB					
							5,535.1	5,489.1	0.4	4 1/2	11.60	SeAH-90	8,552.4	8,558.5	6.07	PUP 4.5" 11.6# SB-80 LT&C		
							6,564.3	6,278.7	79.6	4 1/2	11.60	SeAH-90	8,558.5	8,562.4	3.88	2.750" FRAC-SLEEVE		
							6,594.8	6,283.4	83.3	4 1/2	11.60	SeAH-90	8,562.4	8,564.5	2.09	PUP 4.5" 11.6# SB-80 LT&C		
							6,643.0	6,286.2	87.4	4 1/2	11.60	SeAH-90	8,564.5	8,654.8	90.27	4.5" SEH90 11.6LB		
							6,722.1	6,287.2	91.6	4 1/2	11.60	SeAH-90	8,654.8	8,660.1	5.33	PUP 4.5" 11.6# SB-80 LT&C		
							6,826.1	6,285.2	90.7	5 3/4	11.60	SeAH-90	8,660.1	8,664.1	4.02	OIL SWELL PACKER #14		
							6,926.2	6,283.8	91.1	4 1/2	11.60	SeAH-90	8,664.1	8,666.8	2.74	PUP 4.5" 11.6# SB-80 LT&C		
							7,030.5	6,281.8	91.4	4 1/2	11.60	SeAH-90	8,666.8	8,757.1	90.21	4.5" SEH90 11.6LB		
							7,223.1	6,277.3	90.6	4 1/2	11.60	SeAH-90	8,757.1	8,763.1	6.06	PUP 4.5" 11.6# SB-80 LT&C		
							7,331.0	6,276.0	90.9	4 1/2	11.60	SeAH-90	8,763.1	8,767.0	3.90	2.688" FRAC-SLEEVE		
							7,427.5	6,274.6	90.6	4 1/2	11.60	SeAH-90	8,767.0	8,769.1	2.08	PUP 4.5" 11.6# SB-80 LT&C		
							7,535.8	6,273.0	90.6	4 1/2	11.60	SeAH-90	8,769.1	8,859.3	90.25	4.5" SEH90 11.6LB		
							7,632.2	6,273.7	89.1	4 1/2	11.60	SeAH-90	8,859.3	8,864.7	5.32	PUP 4.5" 11.6# SB-80 LT&C		
							7,740.5	6,274.6	88.5	5 3/4	11.60	SeAH-90	8,864.7	8,868.7	4.02	OIL SWELL PACKER #13		
							7,836.9	6,275.9	90.0	4 1/2	11.60	SeAH-90	8,868.7	8,871.4	2.75	PUP 4.5" 11.6# SB-80 LT&C		
							7,944.9	6,274.9	90.7	4 1/2	11.60	SeAH-90	8,871.4	8,961.7	90.29	4.5" SEH90 11.6LB		
							8,046.6	6,273.8	89.5	4 1/2	11.60	SeAH-90	8,961.7	8,967.8	6.06	PUP 4.5" 11.6# SB-80 LT&C		
							8,149.9	6,274.3	89.9	4 1/2	11.60	SeAH-90	8,967.8	8,971.7	3.90	2.625" FRAC-SLEEVE		
							8,354.3	6,271.0	91.6	4 1/2	11.60	SeAH-90	8,971.7	8,973.8	2.11	PUP 4.5" 11.6# SB-80 LT&C		
							8,460.0	6,267.0	92.2	4 1/2	11.60	SeAH-90	8,973.8	9,064.1	90.29	4.5" SEH90 11.6LB		
							8,562.0	6,263.0	91.9	4 1/2	11.60	SeAH-90	9,064.1	9,069.4	5.32	PUP 4.5" 11.6# SB-80 LT&C		
							8,664.0	6,260.9	90.0	5 3/4	11.60	SeAH-90	9,069.4	9,073.4	4.02	OIL SWELL PACKER #12		
							8,769.0	6,261.2	90.0	4 1/2	11.60	SeAH-90	9,073.4	9,076.2	2.74	PUP 4.5" 11.6# SB-80 LT&C		
							8,961.6	6,260.1	90.3	4 1/2	11.60	SeAH-90	9,076.2	9,166.4	90.26	4.5" SEH90 11.6LB		
							9,064.0	6,259.2	89.8	4 1/2	11.60	SeAH-90	9,166.4	9,172.5	6.06	PUP 4.5" 11.6# SB-80 LT&C		
							9,172.6	6,259.8	89.5	4 1/2	11.60	SeAH-90	9,172.5	9,176.4	3.90	2.563" FRAC-SLEEVE		
							9,268.7	6,260.4	90.1	4 1/2	11.60	SeAH-90	9,176.4	9,178.5	2.07	PUP 4.5" 11.6# SB-80 LT&C		
							9,377.0	6,259.8	90.5	4 1/2	11.60	SeAH-90	9,178.5	9,268.7	90.23	4.5" SEH90 11.6LB		
							9,482.6	6,258.9	90.4	4 1/2	11.60	SeAH-90	9,268.7	9,274.0	5.31	PUP 4.5" 11.6# SB-80 LT&C		
9,585.6	6,257.4	91.3	5 3/4	11.60	SeAH-90	9,274.0	9,278.0	4.02	OIL SWELL PACKER #11									
9,687.3	6,255.9	90.1	4 1/2	11.60	SeAH-90	9,278.0	9,280.8	2.74	PUP 4.5" 11.6# SB-80 LT&C									
9,790.0	6,256.3	88.7	4 1/2	11.60	SeAH-90	9,280.8	9,371.0	90.27	4.5" SEH90 11.6LB									
9,892.1	6,260.1	86.9	4 1/2	11.60	SeAH-90	9,371.0	9,377.1	6.07	PUP 4.5" 11.6# SB-80 LT&C									
9,997.0	6,265.5	87.4	4 1/2	11.60	SeAH-90	9,377.1	9,381.0	3.90	2.500" FRAC-SLEEVE									
10,189.6	6,267.3	90.1	4 1/2	11.60	SeAH-90	9,381.0	9,383.1	2.08	PUP 4.5" 11.6# SB-80 LT&C									
10,201.4	6,267.3	89.8	4 1/2	11.60	SeAH-90	9,383.1	9,473.3	90.26	4.5" SEH90 11.6LB									
10,394.0	6,266.9	90.9	4 1/2	11.60	SeAH-90	9,473.3	9,478.7	5.31	PUP 4.5" 11.6# SB-80 LT&C									
10,406.2	6,266.7	91.0	5 3/4	11.60	SeAH-90	9,478.7	9,482.7	4.02	OIL SWELL PACKER #10									
10,598.8	6,265.2	91.0	4 1/2	11.60	SeAH-90	9,482.7	9,485.4	2.73	PUP 4.5" 11.6# SB-80 LT&C									
10,610.9	6,265.0	91.0	4 1/2	11.60	SeAH-90	9,485.4	9,575.7	90.25	4.5" SEH90 11.6LB									
10,757.9	6,267.0	88.4	4 1/2	11.60	SeAH-90	9,575.7	9,581.7	6.07	PUP 4.5" 11.6# SB-80 LT&C									
10,860.2	6,269.3	89.6	4 1/2	11.60	SeAH-90	9,581.7	9,585.6	3.89	2.375" FRAC-SLEEVE									
10,922.9	6,269.3	90.4	4 1/2	11.60	SeAH-90	9,585.6	9,587.7	2.09	PUP 4.5" 11.6# SB-80 LT&C									
11,019.7	6,269.2	89.9	4 1/2	11.60	SeAH-90	9,587.7	9,678.0	90.27	4.5" SEH90 11.6LB									
11,083.0	6,269.6	89.8																
11,184.4	6,270.2	90.0																
11,242.5	6,269.9	90.8																
11,339.6	6,267.8	91.6																



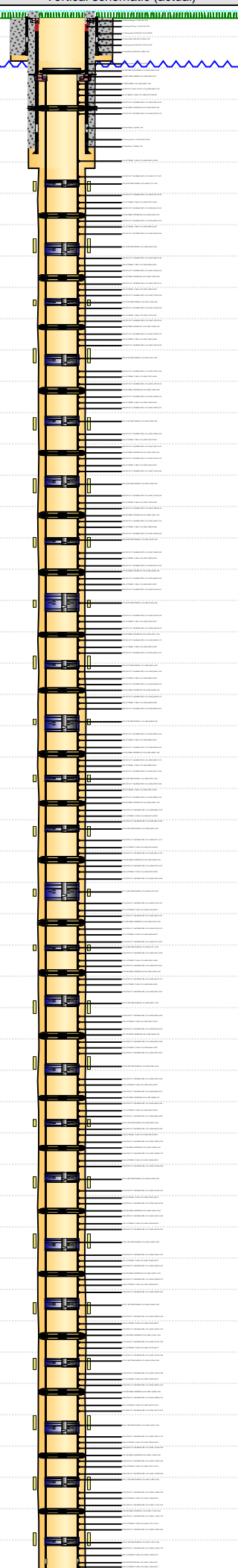


Lease Review All  
Well Name: WILDHORSE 16-1613BH

API Number 0512336168		WPC ID 1CO076857		Well Permit Number		Field Name DJ Horizontal Niobrara		County Weld		State CO										
Well Configuration Type Lateral/Horizontal				Orig KB Elv (ft) 5,084.50		Ground Elevation (ft) 5,068.00		Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ftKB) 11,352.0								
Original Spud Date 11/13/2012		Completion Date 12/19/2012		Asset Group Central Rockies Asset Group		Responsible Engineer Gary Nordlander				N/S Dist (ft) 340.0		N/S Ref FSL		E/W Dist (ft) 607.0		E/W Ref FWL				
Lot		Quarter 1 SW	Quarter 2 SW	Quarter 3	Quarter 4	Section 16	Section Suffix	Section Type		Township 9 N		Township N/S Dir N		Range 59		Range E/W Dir W		Meridian		
Lateral/Horizontal - Original Hole, 4/12/2013 9:21:11 AM							OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des							
MD (ftKB)	TV D (ftKB)	In cl (°)	<div>Vertical schematic (actual)</div>			Logs	4 1/2	11.60	SeAH-90	9,678.0	9,683.4	5.39	PUP 4.5" 11.6# SB-80 LT&C							
							5 3/4	11.60	SeAH-90	9,683.4	9,687.4	4.01	OIL SWELL PACKER #9							
							4 1/2	11.60	SeAH-90	9,687.4	9,690.1	2.69	PUP 4.5" 11.6# SB-80 LT&C							
							4 1/2	11.60	SeAH-90	9,690.1	9,780.3	90.27	4.5" SEH90 11.6LB							
							4 1/2	11.60	SeAH-90	9,780.3	9,786.4	6.07	PUP 4.5" 11.6# SB-80 LT&C							
							6,594.8	6,283.4	83.3	4 1/2	11.60	SeAH-90	9,786.4	9,790.3	3.88	2.250" FRAC-SLEEVE				
							6,643.0	6,286.2	87.4	4 1/2	11.60	SeAH-90	9,790.3	9,792.4	2.09	PUP 4.5" 11.6# SB-80 LT&C				
							6,722.1	6,287.2	91.6	4 1/2	11.60	SeAH-90	9,792.4	9,882.6	90.27	4.5" SEH90 11.6LB				
							6,826.1	6,285.2	90.7	4 1/2	11.60	SeAH-90	9,882.6	9,888.0	5.37	PUP 4.5" 11.6# SB-80 LT&C				
							6,926.2	6,283.8	91.1	5 3/4	11.60	SeAH-90	9,888.0	9,892.0	4.01	OIL SWELL PACKER #8				
							7,030.5	6,281.8	91.4	4 1/2	11.60	SeAH-90	9,892.0	9,894.7	2.68	PUP 4.5" 11.6# SB-80 LT&C				
							7,223.1	6,277.3	90.6	4 1/2	11.60	SeAH-90	9,894.7	9,985.0	90.25	4.5" SEH90 11.6LB				
							7,331.0	6,276.0	90.9	4 1/2	11.60	SeAH-90	9,985.0	9,991.0	6.08	PUP 4.5" 11.6# SB-80 LT&C				
							7,427.5	6,274.6	90.6	4 1/2	11.60	SeAH-90	9,991.0	9,994.9	3.89	2.125" FRAC-SLEEVE				
							7,535.8	6,273.0	90.6	4 1/2	11.60	SeAH-90	9,994.9	9,997.0	2.09	PUP 4.5" 11.6# SB-80 LT&C				
							7,632.2	6,273.7	89.1	4 1/2	11.60	SeAH-90	9,997.0	10,087.3	90.24	4.5" SEH90 11.6LB				
							7,740.5	6,274.6	88.5	4 1/2	11.60	SeAH-90	10,087.3	10,092.6	5.32	PUP 4.5" 11.6# SB-80 LT&C				
							7,836.9	6,275.9	90.0	5 3/4	11.60	SeAH-90	10,092.6	10,096.6	4.02	OIL SWELL PACKER #7				
							7,944.9	6,274.9	90.7	4 1/2	11.60	SeAH-90	10,096.6	10,099.3	2.75	PUP 4.5" 11.6# SB-80 LT&C				
							8,046.6	6,273.8	89.5	4 1/2	11.60	SeAH-90	10,099.3	10,189.6	90.21	4.5" SEH90 11.6LB				
							8,149.9	6,274.3	89.9	4 1/2	11.60	SeAH-90	10,189.6	10,195.6	6.08	PUP 4.5" 11.6# SB-80 LT&C				
							8,251.0	6,273.3	91.2	4 1/2	11.60	SeAH-90	10,195.6	10,199.5	3.90	2.000" FRAC-SLEEVE				
							8,354.3	6,271.0	91.6	4 1/2	11.60	SeAH-90	10,199.5	10,201.6	2.07	PUP 4.5" 11.6# SB-80 LT&C				
							8,460.0	6,267.0	92.2	4 1/2	11.60	SeAH-90	10,201.6	10,291.9	90.27	4.5" SEH90 11.6LB				
							8,562.0	6,263.0	91.9	4 1/2	11.60	SeAH-90	10,291.9	10,297.3	5.39	PUP 4.5" 11.6# SB-80 LT&C				
							8,664.0	6,260.9	90.0	5 3/4	11.60	SeAH-90	10,297.3	10,301.3	4.00	OIL SWELL PACKER #6				
							8,769.0	6,261.2	90.0	4 1/2	11.60	SeAH-90	10,301.3	10,304.0	2.69	PUP 4.5" 11.6# SB-80 LT&C				
							8,961.6	6,260.1	90.3	4 1/2	11.60	SeAH-90	10,304.0	10,394.2	90.23	4.5" SEH90 11.6LB				
							9,064.0	6,259.2	89.8	4 1/2	11.60	SeAH-90	10,394.2	10,400.3	6.07	PUP 4.5" 11.6# SB-80 LT&C				
							9,172.6	6,259.8	90.5	4 1/2	11.60	SeAH-90	10,400.3	10,404.2	3.90	1.875" FRAC-SLEEVE				
							9,268.7	6,258.9	90.4	4 1/2	11.60	SeAH-90	10,404.2	10,406.2	2.07	PUP 4.5" 11.6# SB-80 LT&C				
							9,377.0	6,257.4	91.3	4 1/2	11.60	SeAH-90	10,406.2	10,496.4	90.21	4.5" SEH90 11.6LB				
							9,482.6	6,255.9	90.1	4 1/2	11.60	SeAH-90	10,496.4	10,501.7	5.31	PUP 4.5" 11.6# SB-80 LT&C				
							9,585.6	6,256.3	88.7	5 3/4	11.60	SeAH-90	10,501.7	10,505.8	4.02	OIL SWELL PACKER #5				
							9,687.3	6,260.1	86.9	4 1/2	11.60	SeAH-90	10,505.8	10,508.5	2.74	PUP 4.5" 11.6# SB-80 LT&C				
							9,790.0	6,265.5	87.4	4 1/2	11.60	SeAH-90	10,508.5	10,598.7	90.21	4.5" SEH90 11.6LB				
							9,892.1	6,267.3	90.1	4 1/2	11.60	SeAH-90	10,598.7	10,604.8	6.07	PUP 4.5" 11.6# SB-80 LT&C				
							9,997.0	6,266.9	90.9	4 1/2	11.60	SeAH-90	10,604.8	10,608.7	3.90	1.750" FRAC-SLEEVE				
							10,189.6	6,266.7	91.0	4 1/2	11.60	SeAH-90	10,608.7	10,610.8	2.08	PUP 4.5" 11.6# SB-80 LT&C				
							10,201.4	6,265.2	91.0	4 1/2	11.60	SeAH-90	10,610.8	10,700.7	89.97	4.5" SEH90 11.6LB				
							10,394.0	6,265.0	91.0	4 1/2	11.60	SeAH-90	10,700.7	10,706.1	5.37	PUP 4.5" 11.6# SB-80 LT&C				
							10,406.2	6,267.0	88.4	5 3/4	11.60	SeAH-90	10,706.1	10,710.1	4.00	OIL SWELL PACKER #4				
							10,598.8	6,269.3	89.6	4 1/2	11.60	SeAH-90	10,710.1	10,712.8	2.69	PUP 4.5" 11.6# SB-80 LT&C				
							10,610.9	6,269.3	90.4	4 1/2	11.60	SeAH-90	10,712.8	10,757.9	45.12	4.5" SEH90 11.6LB				
							10,757.9	6,269.2	89.9	4 1/2	11.60	SeAH-90	10,757.9	10,764.0	6.06	PUP 4.5" 11.6# SB-80 LT&C				
							10,860.2	6,269.6	89.8	4 1/2	11.60	SeAH-90	10,764.0	10,767.9	3.89	1.500" FRAC-SLEEVE				
							10,922.9	6,270.2	90.0	4 1/2	11.60	SeAH-90	10,767.9	10,769.9	2.06	PUP 4.5" 11.6# SB-80 LT&C				
							11,019.7	6,267.8	91.6											
							11,083.0													
							11,184.4													
							11,242.5													
							11,339.6													



Lease Review All  
Well Name: WILDHORSE 16-1613BH

P/I Number 0512336168		WPC ID 1CO076857		Well Permit Number		Field Name DJ Horizontal Niobrara		County Weld		State CO							
Well Configuration Type Lateral/Horizontal				Orig KB Elv (ft) 5,084.50		Ground Elevation (ft) 5,068.00		Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ftKB) 11,352.0					
Original Spud Date 11/13/2012		Completion Date 12/19/2012		Asset Group Central Rockies Asset Group			Responsible Engineer Gary Nordlander			N/S Dist (ft) 340.0		N/S Ref FSL		E/W Dist (ft) 607.0		E/W Ref FWL	
Lot		Quarter 1 SW	Quarter 2 SW	Quarter 3	Quarter 4	Section 16	Section Suffix	Section Type		Township 9 N		Township N/S Dir		Range 59 W		Meridian	
Lateral/Horizontal - Original Hole, 4/12/2013 9:21:14 AM							OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des				
MD (ftKB)	TV D (ftKB)	In cl (°)	Vertical schematic (actual)				Logs	4 1/2	11.60	SeAH-90	10,769.9	10,860.1	90.21	4.5" SEH90 11.6LB			
								4 1/2	11.60	SeAH-90	10,860.1	10,865.5	5.34	PUP 4.5" 11.6# SB-80 LT&C			
2,016.7	2,011.6	11.2						5 3/4	11.60	SeAH-90	10,865.5	10,869.5	3.99	OIL SWELL PACKER #3			
5,535.1	5,489.1	0.4						4 1/2	11.60	SeAH-90	10,869.5	10,872.2	2.74	PUP 4.5" 11.6# SB-80 LT&C			
6,564.3	6,278.7	79.6						4 1/2	11.60	SeAH-90	10,872.2	10,917.3	45.10	4.5" SEH90 11.6LB			
6,594.8	6,283.4	83.3						4 1/2	11.60	SeAH-90	10,917.3	10,923.4	6.07	PUP 4.5" 11.6# SB-80 LT&C			
6,643.0	6,286.2	87.4						4 1/2	11.60	SeAH-90	10,923.4	10,927.3	3.90	1.500" FRAC-SLEEVE			
6,722.1	6,287.2	91.6						4 1/2	11.60	SeAH-90	10,927.3	10,929.4	2.10	PUP 4.5" 11.6# SB-80 LT&C			
6,826.1	6,285.2	90.7						4 1/2	11.60	SeAH-90	10,929.4	11,019.6	90.22	4.5" SEH90 11.6LB			
6,926.2	6,283.8	91.1						4 1/2	11.60	SeAH-90	11,019.6	11,025.0	5.39	PUP 4.5" 11.6# SB-80 LT&C			
7,030.5	6,281.8	91.4						5 3/4	11.60	SeAH-90	11,025.0	11,029.0	4.00	OIL SWELL PACKER #2			
7,223.1	6,277.3	90.6						4 1/2	11.60	SeAH-90	11,029.0	11,031.7	2.69	PUP 4.5" 11.6# SB-80 LT&C			
7,331.0	6,278.0	90.9						4 1/2	11.60	SeAH-90	11,031.7	11,076.8	45.13	4.5" SEH90 11.6LB			
7,427.5	6,274.6	90.6						4 1/2	11.60	SeAH-90	11,076.8	11,082.9	6.06	PUP 4.5" 11.6# SB-80 LT&C			
7,535.8	6,273.0	90.6						4 1/2	11.60	SeAH-90	11,082.9	11,086.8	3.90	1.375" FRAC-SLEEVE			
7,632.2	6,273.7	89.1						4 1/2	11.60	SeAH-90	11,086.8	11,088.9	2.09	PUP 4.5" 11.6# SB-80 LT&C			
7,740.5	6,274.6	88.5						4 1/2	11.60	SeAH-90	11,088.9	11,179.1	90.21	4.5" SEH90 11.6LB			
7,836.9	6,275.9	90.0						4 1/2	11.60	SeAH-90	11,179.1	11,184.4	5.34	PUP 4.5" 11.6# SB-80 LT&C			
7,944.9	6,274.9	90.7						5 3/4	11.60	SeAH-90	11,184.4	11,188.4	4.00	OIL SWELL PACKER #1			
8,046.6	6,273.8	89.5						4 1/2	11.60	SeAH-90	11,188.4	11,191.1	2.73	PUP 4.5" 11.6# SB-80 LT&C			
8,149.9	6,274.3	89.9						4 1/2	11.60	SeAH-90	11,191.1	11,236.3	45.13	4.5" SEH90 11.6LB			
8,251.0	6,273.3	91.2						4 1/2	11.60	SeAH-90	11,236.3	11,242.3	6.05	PUP 4.5" 11.6# SB-80 LT&C			
8,354.3	6,271.0	91.6						4 1/2	11.60	SeAH-90	11,242.3	11,246.2	3.88	1.250" FRAC-SLEEVE			
8,460.0	6,267.0	92.2						4 1/2	11.60	SeAH-90	11,246.2	11,248.3	2.10	PUP 4.5" 11.6# SB-80 LT&C			
8,562.0	6,263.0	91.9						4 1/2	11.60	SeAH-90	11,248.3	11,293.4	45.11	4.5" SEH90 11.6LB			
8,664.0	6,260.9	90.0						4 1/2	11.60	SeAH-90	11,293.4	11,294.4	0.97	SV FLOAT COLLAR			
8,769.0	6,261.2	90.0						4 1/2	11.60	SeAH-90	11,294.4	11,339.5	45.11	4.5" SEH90 11.6LB			
8,961.6	6,260.1	90.3						4 1/2	11.60	SeAH-90	11,339.5	11,342.0	2.52	DV FLOAT SHOE			
9,064.0	6,259.2	89.8						Cement Stages									
9,172.6	6,259.8	89.5						Des	Pump Start Date	Drill Out Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth				
9,268.7	6,260.4	90.1						Surface Casing Cement	11/14/2012		16.5	2,065.0	Returns to Surface				
9,377.0	6,259.8	90.5						Intermediate Casing Cement	11/18/2012	11/19/2012	0.0	6,640.0	Volume Calculations				
9,482.6	6,258.9	90.4						Perforations									
9,585.6	6,257.4	91.3						Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone					
9,687.3	6,255.9	90.1															
9,790.0	6,256.3	88.7						Stim/Treat Stages									
9,892.1	6,260.1	86.9	Stage Type	Start Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid				Vol Clean Pump (bbl)						
9,997.0	6,265.5	87.4	Frac	12/19/2012	6,718.0	6,722.0	20506# 40/70 sd, 75847# 20/40 sd, 24053# 20/40 CRC, Slick Water				2765.00						
10,189.6	6,267.3	90.1	Frac	12/19/2012	6,922.0	6,926.0	18149# 40/70 sd, 71941# 20/40 sd, 16626# 20/40 CRC, Slick Water				2722.00						
10,201.4	6,267.3	89.8	Frac	12/19/2012	7,127.0	7,131.0	17910# 40/70 sd, 78067# 20/40 sd, 20086# 20/40 CRC, Slick Water				2759.00						
10,394.0	6,266.9	90.9	Frac	12/19/2012	7,331.0	7,335.0	14265# 40/70 sd, 80622# 20/40 sd, 21947# 20/40 CRC, Slick Water				2779.00						
10,406.2	6,266.7	91.0	Frac	12/19/2012	7,536.0	7,540.0	18725# 40/70 sd, 79181# 20/40 sd, 19794# 20/40 CRC, Slick Water				2774.00						
10,598.8	6,265.2	91.0	Frac	12/18/2012	7,741.0	7,745.0	18645# 40/70 sd, 78354# 20/40 sd, 20997# 20/40 CRC, Slick Water				2768.00						
10,610.9	6,265.0	91.0	Frac	12/18/2012	7,945.0	7,949.0	19163# 40/70 sd, 78529# 20/40 sd, 19227# 20/40 CRC, Slick Water				2758.00						
10,757.9	6,267.0	88.4	Frac	12/18/2012	8,150.0	8,153.0	11127# 40/70 sd, 73917# 20/40 sd, 22007# 20/40 CRC, Slick Water				2930.00						
10,860.2	6,269.3	89.6															
10,922.9	6,269.3	90.4															
11,019.7	6,269.2	89.9															
11,083.0	6,269.6	89.8															
11,184.4	6,270.2	90.0															
11,242.5	6,269.9	90.8															
11,339.6	6,267.8	91.6															



Lease Review All  
Well Name: WILDHORSE 16-1613BH

API Number 0512336168			WPC ID 1CO076857			Well Permit Number			Field Name DJ Horizontal Niobrara			County Weld			State CO
Well Configuration Type Lateral/Horizontal					Orig KB Elv (ft) 5,084.50		Ground Elevation (ft) 5,068.00		Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ftKB) 11,352.0		
Original Spud Date 11/13/2012		Completion Date 12/19/2012		Asset Group Central Rockies Asset Group			Responsible Engineer Gary Nordlander			N/S Dist (ft) 340.0		N/S Ref FSL	E/W Dist (ft) 607.0		E/W Ref FWL
Lot	Quarter 1 SW	Quarter 2 SW	Quarter 3	Quarter 4	Section 16	Section Suffix	Section Type	Township 9 N	Township N/S Dir	Range 59	Range E/W Dir W	Meridian			

Lateral/Horizontal - Original Hole, 4/12/2013 9:21:17 AM				Stim/Treat Stages									
MD (ftKB)	TV D (ftKB B)	In cl (°)	Vertical schematic (actual)	Logs	Stage Type	Start Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pump (bbl)			
2,016.7	2,011.6	11.2			Frac	12/18/2012	8,354.0	8,358.0	10810# 40/70 sd, 67611# 20/40 sd, 20750# 20/40 CRC, Slick Water	2776.00			
5,535.1	5,489.1	0.4		Frac	12/18/2012	8,559.0	8,562.0	10738# 40/70 sd, 69413# 20/40 sd, 20524# 20/40 CRC, Slick Water	2807.00				
6,564.3	6,278.7	79.6		Frac	12/18/2012	8,763.0	8,767.0	11331# 40/70 sd, 72012# 20/40 sd, 20101# 20/40 CRC, Slick Water	2829.00				
6,594.8	6,283.4	83.3		Frac	12/18/2012	8,968.0	8,972.0	18387# 40/70 sd, 81500# 20/40 sd, 20689# 20/40 CRC, Slick Water	3086.00				
6,643.0	6,286.2	87.4		Frac	12/17/2012	9,173.0	9,176.0	18654# 40/70 sd, 83207# 20/40 sd, 20480# 20/40 CRC, Slick Water	2859.00				
6,722.1	6,287.2	91.6		Frac	12/17/2012	9,377.0	9,381.0	17445# 40/70 sd, 81053# 20/40 sd, 22244# 20/40 CRC, Slick Water	2838.00				
6,826.1	6,285.2	90.7		Frac	12/17/2012	9,582.0	9,586.0	17564# 40/70 sd, 81249# 20/40 sd, 20906# 20/40 CRC, Slick Water	2834.00				
6,926.2	6,283.8	91.1		Frac	12/17/2012	9,786.0	9,790.0	18915# 40/70 sd, 81533# 20/40 sd, 21069# 20/40 CRC, Slick Water	2831.00				
7,030.5	6,281.8	91.4		Frac	12/17/2012	9,991.0	9,995.0	17591# 40/70 sd, 82107# 20/40 sd, 21008# 20/40 CRC, Slick Water	2811.00				
7,223.1	6,277.3	90.6		Frac	12/17/2012	10,196.0	10,200.0	16212# 40/70 sd, 80229# 20/40 sd, 19872# 20/40 CRC, Slick Water	2814.00				
7,331.0	6,276.0	90.9		Frac	12/17/2012	10,400.0	10,404.0	18415# 40/70 sd, 82538# 20/40 sd, 20404# 20/40 CRC, Slick Water	2879.00				
7,427.5	6,274.6	90.6		Frac	12/17/2012	10,605.0	10,609.0	17189# 40/70 sd, 81138# 20/40 sd, 20535# 20/40 CRC, Slick Water	2831.00				
7,535.8	6,273.0	90.6		Frac	12/17/2012	10,764.0	10,768.0	9271# 40/70 sd, 43530# 20/40 sd, 11091# 20/40 CRC, Slick Water	1670.00				
7,632.2	6,273.7	89.1		Frac	12/17/2012	10,923.0	10,927.0	18478# 40/70 sd, 80597# 20/40 sd, 20680# 20/40 CRC, Slick Water	3247.00				
7,740.5	6,274.6	88.5		Frac	12/17/2012	11,083.0	11,087.0	17365# 40/70 sd, 80609# 20/40 sd, 20908# 20/40 CRC, Slick Water	2833.00				
7,836.9	6,275.9	90.0		Frac	12/17/2012	11,242.0	11,246.0	26511# 40/70 sd, 83116# 20/40 sd, 23234# 20/40 CRC, Slick Water	4624.00				
7,944.9	6,274.9	90.7		<des> set at <depth>ftKB on <dtmrun>									
8,046.6	6,273.8	89.5		Set Depth (ftKB)	Comment				Run Date	Pull Date			
8,149.9	6,274.3	89.9		Item Des		OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)			
8,251.0	6,273.3	91.2											
8,354.3	6,271.0	91.6		<des> on <dtmrun>									
8,460.0	6,267.0	92.2		Rod Description			Run Date		Pull Date				
8,562.0	6,263.0	91.9		Item Des		OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)				
8,664.0	6,260.9	90.0											
8,769.0	6,261.2	90.0		Other String Components									
8,861.6	6,260.1	90.3		Item Des		OD (in)	Len (ft)		Top (ftKB)	Btm (ftKB)			
9,064.0	6,259.2	89.8											
9,172.6	6,259.8	89.5		Other In Hole									
9,268.7	6,260.4	90.1	Des		OD (in)	Run Date	Pull Date	Top (ftKB)	Btm (ftKB)				
9,377.0	6,259.8	90.5											
9,482.6	6,258.9	90.4	Bottom Hole Cores										
9,585.6	6,257.4	91.3	Date	Core #		Top (ftKB)		Btm (ftKB)	Recov (ft)				
9,687.3	6,255.9	90.1											
9,790.0	6,256.3	88.7											
9,892.1	6,260.1	86.9											
9,997.0	6,265.5	87.4											
10,189.6	6,267.3	90.1											
10,201.4	6,267.3	89.8											
10,394.0	6,266.9	90.9											
10,406.2	6,266.7	91.0											
10,598.8	6,265.2	91.0											
10,610.9	6,265.0	91.0											
10,757.9	6,267.0	88.4											
10,860.2	6,269.3	89.6											
10,922.9	6,269.3	90.4											
11,019.7	6,269.2	89.9											
11,083.0	6,269.6	89.8											
11,184.4	6,270.2	90.0											
11,242.5	6,269.9	90.8											
11,339.6	6,267.8	91.6											