



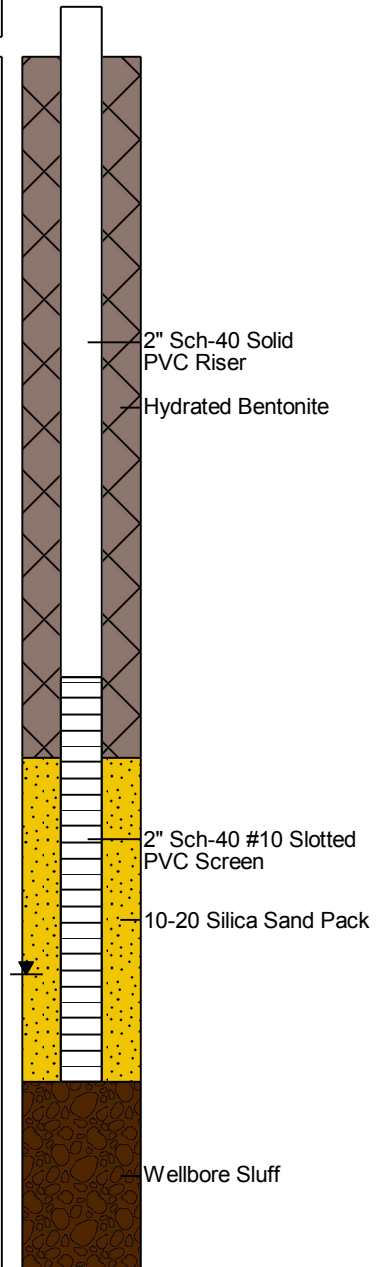
Caerus Oil and Gas LLC  
143 Diamond Ave.  
Parachute, CO

Location: WFPL, J25A Pad  
SB01/MW01



Date Started : 10/12/2018  
Date Completed : 10/12/2018  
Hole Diameter : 4.25"  
Drilling Method : Solid Stem Auger  
Sampling Method : Split Spoon  
Company Rep. : B. Middleton  
Northing Coord. : 4385602 m  
Easting Coord. : 747708 m  
Survey By : B. Rollins  
Logged By : B. Baugh

Depth in Feet	Surf. Elev. 0	USCS	GRAPHIC	DESCRIPTION	Split Spoon Int.	Blow Count	Moisture	% Fines	PID (ppm)	Sample	Well MW01: Elev.:
0	0			FORMER EXCAVATION, SAND, GRAVEL, light brown, loose, dry,							
5	-5										
10	-10										
15	-15	BR		SILTY CLAY, GRAVEL, Poorly Graded, 3" Siltstone lense, odor,	1	20 11 14	10	50	223	SB1(15-17)	
20	-20	BR		SAND, GRAVEL, Poorly Graded, light brown, fine grained, dry, odor	2	5 7	10	75	100	SB1(20-22)	
25	-25	BR		SILTY SAND, GRAVEL, Poorly Graded, light brown, into green siltstone and shale, moist,	3	8 25	20	30	18	SB1(25-27)	
30	-30	BR		SAND, GRAVEL, Poorly Graded, light brown, fine to medium grained, dry,	4	10 20 20	10	60	7.6	SB1(30-32)	
35	-35	BR		SAND, GRAVEL, Poorly Graded, light brown, slightly moist, bottom 6" well sorted channel sand	5	20 20 25	100	50	>100		
40	-40	CG		SAND, GRAVEL, mostly sluff from sidewalls	6	50	100	30	>100		
45	-45			Total Boring Depth = 45' Well set at 38' due to wellbore sluff							
50											





Caerus Oil and Gas LLC  
143 Diamond Ave.  
Parachute, CO

Location: WFPL, J25A Pad

SB02/MW02



Date Started : 10/11/2018  
Date Completed : 10/11/2018  
Hole Diameter : 4.25"  
Drilling Method : Solid Stem Auger  
Sampling Method : Split Spoon  
Company Rep. : B. Middleton  
Northing Coord. : 4385593  
Easting Coord. : 747834  
Survey By : B. Rollins  
Logged By : B. Baugh

Depth in Feet	Surf. Elev. 0	USCS	GRAPHIC	DESCRIPTION	Split Spoon Int.	Blow Count	Moisture	% Fines	PID (ppm)	Sample	Well MW02: Elev.:
0	0			Surface Interval							
5	-5	BR		SILT, dark brown, and GRAVEL, red and yellow, into SILTY SAND, GRAVEL, light brown, organic material,	1	4346	10	75	1.5		Cuttings
10	-10	BR		SILTY SAND, alternating light brown, dark brown, GRAVEL, Poorly Graded, dry,	2	2349	10	75	5.2		2" Sch-40 Solid PVC Riser
15	-15	BR		SILT, CLAY, light brown, weathered colluvium, dry	3	881088	10	15	11.5		Hydrated Bentonite
20	-20	BR		SILTY SAND, light brown, weathered colluvium, slightly moist	4	455888	20	20	9.9		
25	-25	CS		CLAYEY SILT, light brown, 2" sandstone lense into weathered shale	5	88887	10	20	30		2" #10 Slotted PVC Screen
30	-30	SG		SILT, GRAVEL, Poorly Graded, light brown, into dark brown weathered colluvium, slightly moist,	6	81618812	10	20	66		10-20 Silica Sand
35	-35	SS		SILTSTONE, brown, competent	7	302217	100	5	1.8		
40	-40	SS		SAND, SILTSTONE, interbedded, light brown, iron staining	8	161718	100	15	0.8		Wellbore Sluff
				Total Boring Depth = 42'							



Caerus Oil and Gas LLC  
143 Diamond Ave.  
Parachute, CO

Location: WFPL, J25A Pad

SB03/MW03



Date Started : 10/10/2018  
Date Completed : 10/10/2018  
Hole Diameter : 4.25"  
Drilling Method : Solid Stem Auger  
Sampling Method : Split Spoon  
Company Rep. : B. Middleton  
Northing Coord. : 4385570  
Easting Coord. : 747725  
Survey By : B. Rollins  
Logged By : B. Baugh

Depth in Feet	Surf. Elev. 0	USCS	GRAPHIC	DESCRIPTION	Split Spoon Int.	Blow Count	Moisture	% Fines	PID (ppm)	Sample	Well MW03: Elev.:
0	0			Surface Interval							
5	-5	BR		SAND, GRAVEL, Poorly Graded, light brown, 2" shale lense,	1	9 8 9	10	75	0.8		Hydrated Bentonite
10	-10	BR		SAND, GRAVEL, alternating light brown, dark brown, dry,	2	11 19 12	10	75	0.5		2" Sch-40 Solid PVC Riser
15	-15	BR		SAND, light brown, fine grained, GRAVEL, Poorly Graded, Bottom 3" all gravel, dry,	3	8 11 8 10	10	60	6.0		
20	-20	BR		SAND, fine grained, GRAVEL, Poorly Graded, reddish brown, dry,	4	9 13 11 13	10	60	0.8		2" Sch-40 #10 Slotted PVC Screen
25	-25	CS		SAND, fine grained, GRAVEL, Poorly Graded, reddish brown, dry, Two 2" shale lenses	5	6 3 2	20	50	0.4		10-20 Silica Sand
30	-30	BR		SAND, fine grained, GRAVEL, Poorly Graded, reddish brown, dry, Two 2" shale lenses. Water @ 30'	6		50	50	0.3		
35	-35	CG		GRAVEL, Poorly Graded, brown, wet,	7	2 2 4	100	25	1.5		Wellbore Sluff
				Total Boring Depth = 36.5'							
40											