

Table 1
Soil Samples Analytical Summary
Siana Oil and Gas, Curry State #5
Lea County, New Mexico

Boring	Depth Feet BGS	Date	Chloride mg/Kg	Benzene mg/kg	Toluene mg/kg	Ethylbenzene mg/kg	Xylene mg/kg	GRO mg/Kg	DRO mg/Kg	Oil mg/Kg	Total TPH mg/Kg
RRAL:											5,000
SS-1	0 - 1	6/8/2016	9,540	<0.0230	<0.0460	<0.0230	1.97	515	6,900	1,410	8,825
	1 - 2	6/8/2016	4,900	<0.0222	0.48	<0.0222	4.06	489	6,140	996	7,625
	2 - 3	6/8/2016	10,100	<0.00110	<0.00220	<0.00110	0.01	90	1,110	194	1,394
	5 - 6	6/8/2016	8,770	<0.0222	0.130	<0.0222	1.591	315	4,060	670	5,045
	10 - 11	6/8/2016	4,550	<0.0222	<0.0444	<0.0222	0.197	178	2,980	513	3,671
SS-2	0 - 1	6/8/2016	5,300	0.564	2.79	<0.110	6.47	2,420	21,500	3,820	27,740
	1 - 2	6/8/2016	3,590	<0.0562	0.15	<0.0562	4.23	693	7,220	1,210	9,123
	2 - 3	6/8/2016	3,440	<0.0562	<0.112	<0.0562	0.76	1,530	17,900	2,930	22,360
	5 - 6	6/8/2016	4,460	<0.00111	<0.00222	<0.00111	<0.00222	<27.8	<27.8	<27.8	<27.8
	10 - 11	6/8/2016	7,100	<0.0549	0.231	<0.0549	2.002	400	5,030	875	6,305
SS-3	0 - 1	6/8/2016	12,200	<0.0222	<0.0444	<0.0222	0.13	268	4,920	823	6,011
	1 - 2	6/8/2016	6,760	0.052	0.67	<0.0230	6.44	1,830	22,300	3,310	27,440
	2 - 3	6/8/2016	5,970	<0.0225	<0.0449	<0.0225	0.15	161	1,980	253	2,394
	5 - 6	6/8/2016	4,700	<0.0225	<0.0449	<0.0225	0.0771	142	2,010	257	2,409
	10 - 11	6/8/2016	--	--	--	--	--	--	--	--	--
SS-4	0 - 1	6/8/2016	4,060	<0.0215	<0.0430	<0.0215	1.23	935	11,500	1,120	13,555
	1 - 2	6/8/2016	1,390	<0.0217	<0.0435	<0.0217	1.04	655	7,930	886	9,471
	2 - 3	6/8/2016	1,310	<0.0217	<0.0435	<0.0217	<0.0435	77	2,540	543	3,160
	5 - 6	6/8/2016	3,730	<0.0220	<0.0440	<0.0220	0.4732	212	3,680	475	4,367
	10 - 11	6/8/2016	--	--	--	--	--	--	--	--	--
SS-5	0 - 1	6/8/2016	3,800	0.039	0.97	<0.0233	8.30	2,200	11,700	1,220	15,120
	1 - 2	6/8/2016	8,070	<0.0230	<0.0460	<0.0230	1.93	127	2,120	261	2,508
	2 - 3	6/8/2016	7,490	<0.0230	<0.0460	<0.0230	0.05	146	2,190	290	2,626
	5 - 6	6/8/2016	5,970	<0.0227	<0.0455	<0.0227	0.107	175	3,780	436	4,391
	10 - 11	6/8/2016	--	--	--	--	--	--	--	--	--

Notes: Analysis performed by Permian Basin Environmental Lab, Midland, Texas

Samples analyzed via EPA method SW-8015M (TPH) and SW-300 (chloride).

Depth measurements are in feet below ground surface (bgs).

All concentrations are in milligrams per kilogram (mg/Kg) equivalent to parts per million (ppm).