

From: [JB Condill](#)
To: ed@renegadeoilandgas.com
Subject: SGS Accutest e-Hardcopy 2.0 Report D90141: Bird State 32-1 Pit, sampled on 12/29/2016
Date: Thursday, February 16, 2017 9:46:45 AM
Attachments: [Bird.State.Follow.Up.Soil.Analysis.PDF](#)

-----Original Message-----

From: SGS Accutest LabLink Mountain States <lablink@accutest.com>
To: jbcrog <jbcrog@aol.com>
Sent: Mon, Jan 16, 2017 12:50 pm
Subject: SGS Accutest e-Hardcopy 2.0 Report D90141: Bird State 32-1 Pit, sampled on 12/29/2016

Enclosed is the e-Hardcopy 2.0 report for the following SGS Accutest job:

D90141: Bird State 32-1 Pit
Received: 12/30/2016 14 day TAT
Renegade Oil & Gas

The attached PDF file contains your report; 41 pages.
Report includes QC summaries.
The scanned chain of custody is also included in this report.

NOTE: This PDF contains complete COMMBN deliverables.
No paper report will be mailed.

A RESULT SUMMARY TABLE is also attached in HTM format. This file can be opened as a web page
-or- it can be saved to disk and opened using Excel.

Address questions/changes to your project manager at the link below:

Cristina Araujo
Cristina.Araujo@sgs.com

NOTE: This PDF file is an e-Hardcopy 2.0 report. It is a complete, self-contained report with
bookmarks, table of contents,
and section markers, all with hypertext links for ease of navigation. We believe you will find it to be the
most easy to use
data package in the industry.

SGS Accutest LabLink®

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or copying of this message is prohibited.

SGS Accutest Mountain States		Jan 16, 2017 12:50 pm
Job Number:	D90141	
Account:	Renegade Oil & Gas	

Project:	Bird State 32-1 Pit		
Project Number:			
Legend:			Hit
Client Sample ID:		SE CORNER PIT	SE CORNER PIT
Lab Sample ID:		D90141-1	D90141-1A
Date Sampled:		12/29/2016	12/29/2016
Matrix:		Soil	Soil
GC/MS Volatiles (SW846 8260B)			
Benzene	ug/kg	ND (0.56)	-
Toluene	ug/kg	ND (1.1)	-
Ethylbenzene	ug/kg	ND (0.56)	-
Xylene (total)	ug/kg	ND (1.1)	-
GC Volatiles (SW846 8015B)			
TPH-GRO (C6-C10)	mg/kg	ND (6.4)	-
GC Semi-volatiles (SW846-8015B)			
TPH-DRO (C10-C28)	mg/kg	967	-
Metals Analysis			
Calcium	mg/l	-	51.3
Magnesium	mg/l	-	7.44
Sodium	mg/l	-	114
General Chemistry			
Solids, Percent	%	87.8	-
Specific Conductivity	umhos/cm	890	-
Sodium Adsorption Ratio	ratio	-	3.93 ^a
pH	su	8.72	-
Footnotes:			
^a Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+(Mg meq/L)/2]			