

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar CA 91765-1482

MONITORING & ANALYSIS

Page 1 of 2

TO	Jason Low Atmospheric Measurements Manager Science and Technology Advancement	LABORATORY NO	<u>1616019</u>
		DATE RECEIVED	<u>06/08/2016</u>
SAMPLE DESCRIBED AS	Oil well samples Canister 54553, 54612, 54603	FACILITY ID NO	<u>NA</u>
		REQUESTED BY	<u>Jason Low</u>
SAMPLING LOCATION	Orphan Well Project 323 Firmin St. Los Angeles, CA 90004	ST NO / PROJECT	<u>NA</u>

**Percent hydrogen (H₂), nitrogen (N₂), oxygen (O₂) and methane (CH₄)
by SCAQMD Method 10.1 (GC/TCD).**

Type	Canister	Canister	Canister
Number	<u>54553</u>	<u>54612</u>	<u>54603</u>
Pressure (Torr)	720	720	720
H ₂ , percent	< 0.2	< 0.2	< 0.2
O ₂ , percent	18.5	18.7	20.4
N ₂ , percent	71.4	72.2	76.2
CH ₄ , percent	5.9	5.1	< 0.2

Date Approved: 6/29/16

Approved By: *Solomon Teffera*
 Solomon Teffera, Acting Senior Manager
 Laboratory Services
 909-396-2199

AK
6-28-16

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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SAMPLE DESCRIBED AS	LABORATORY NO	<u>1616019</u>
Oil well samples Canister 54553, 54612, 54603	REQUESTED BY	<u>Jason Low</u>

**Percent hydrogen (H₂), nitrogen (N₂), oxygen (O₂) and methane (CH₄)
by SCAQMD Method 10.1 (GC/TCD).**

QUALITY CONTROL -- End of run control recovery

		Theoretical	Measured	Absolute Difference	QC Limit 0.5% Abs.
CC12089	MDL				
H ₂ , percent	0.2% abs	1.04	1.01	-0.03	PASS
O ₂ , percent	0.2% abs	1.01	1.05	0.05	PASS
N ₂ , percent	0.2% abs	0.99	0.95	0.0	PASS
CH ₄ , percent	0.2% abs	1.05	1.03	-0.02	PASS

		Theoretical	Measured	Absolute Difference	QC Limit 0.5% Abs.
CC73109	MDL				
H ₂ , percent	0.2% abs	0.00	0.00	NA	NA
O ₂ , percent	0.2% abs	24.63	24.59	-0.04	PASS
N ₂ , percent	0.2% abs	4.94	4.98	0.0	PASS
CH ₄ , percent	0.2% abs	0.00	0.00	NA	NA

DATE ANALYZED	6/9/2016
REFERENCE NO:	16TC3AA TC3-18-120

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SAMPLE ANALYSIS REQUEST**

DISTRICT INFORMATION
 IN
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LAB **WO #: 1616019**



TO: SCAQMD LAB: OTHER:
 SOURCE NAME: Orphan Well Project Dobur I.D. No. _____
 Source Address: 323 Firmin St., City: Los Angeles
 Mailing Address: _____ City: _____ Zip: _____
 Contact Person: Jason Low Title: Atmos. Meas. Manager Tel: 909-396-2269

Analysis Requested by: Jason Low Date: 06-08-16
 Approved by: Jason Low Office: M&A Budget #: _____
 REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill
 Suspected Violation Rule(s) _____ Other

Sample Collected by: Jason Low Date: 06-08-16 Time: 9:35am

SAMPLE DESCRIPTION: CEL Can. Air
54553 - Inside Foghorn 10 well - 30 ft prob
54612 - " " " "
~~54575~~ Surface of well 10:05 May be higher level
54603 - Surface well
used for Battell well

REQUESTED ANALYSIS: Methane
TO-15

Relinquished by	Received by	Firm/Agency	Date	Time
<u>[Signature]</u>	<u>[Signature]</u>	SCAQMD LAB	6/8/16	12:30

Remarks: