 e calculations that were determined for this flare event:

	Information	Volumes	Methodology
A.	**Flare Volume:**	76	Metered Gas Volume Field Reported**
B.	**CO2 Percentage:**	89.27%	Gas Analysis - Dec 2024*
C.	**Hydrocarbon Percentage:**	10.73%	Gas Analysis - Dec 2024*
D.	**Hydrocarbon Volume:**	8.2	(1-co2 mol%) /100 * total volume
E.	**CO2 Volume:**	67.8	(co2 mol%)/100) * total volume

** Gas analysis sample is current and within one year from date of event.*
***The metered volume is determined from a total flow meter in front of the flare which is then reported by operations.*

PANTECHS LABORATORIES, INC.

Leaders in Petroleum Analytical Services
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Analytical Report

12/26/2024

Customer:	Occidental Permian Ltd.	**Order:**	1120-7805
Location:	North Hobbs RCF	**Received:**	12/17/2024
Description:	Monthly Collection	**Primary Contact:**	Richard Sanders

REPORT DISTRIBUTION:

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All data reported in this Analytical Report is in compliance with the test method(s) performed as of the date noted above. The validity and integrity of this report will remain intact as long as it is accompanied by this page and reproduced in full. Any datafile (e.g. txt, csv, etc.) produced which is associated with the results in this report shall be considered for convenience only and does not supersede this report as the official test results. We reserve the right to return to you any unused samples received if we consider so necessary (e.g. samples identified as hazardous waste).

We appreciate you choosing Pantechs Laboratories. If you have any questions concerning this report, please feel free to contact us at any time.

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

Sample List

Fluid	Operator	Location	Site	Sample Point	Date	Time
CO2	Occidental Permian Ltd.	New Mexico Measurement	2098	CO2 Discharge	12/17/2024	8:35 AM
CO2	Occidental Permian Ltd.	New Mexico Measurement	2099	CO2 Discharge	12/17/2024	8:27 AM
Gas	Occidental Permian Ltd.	New Mexico Measurement	1013	#1 Slug Catcher Inlet	12/17/2024	9:46 AM
Gas	Occidental Permian Ltd.	New Mexico Measurement	10002	NGL Plant Inlet	12/17/2024	9:00 AM
Gas	Occidental Permian Ltd.	New Mexico Measurement	21013	#2 Slug Catcher Inlet	12/17/2024	9:47 AM
Gas	Occidental Permian Ltd.	New Mexico Measurement	21023	#3 Slug Catcher Inlet	12/17/2024	9:35 AM
Gas	Occidental Permian Ltd.	North Hobbs RCF	DEX PRO	Inlet	12/17/2024	9:14 AM
Gas	Occidental Permian Ltd.	North Hobbs RCF	DEX PRO	Outlet	12/17/2024	9:16 AM
Gas	Occidental Permian Ltd.	North Hobbs RCF	Inlet 1	Header	12/17/2024	9:55 AM
Gas	Occidental Permian Ltd.	North Hobbs RCF	Inlet 2	Header	12/17/2024	9:59 AM
Gas	Occidental Permian Ltd.	North Hobbs RCF	Inlet 3	Header	12/17/2024	10:03 AM
Gas	Occidental Permian Ltd.	North Hobbs RCF	Inlet 4	Header	12/17/2024	10:07 AM
Gas	Occidental Permian Ltd.	North Hobbs RCF	Inlet 5	Header	12/17/2024	10:12 AM
Gas	Occidental Permian Ltd.	North Hobbs RCF	Inlet 6	Header	12/17/2024	10:16 AM
Gas	Occidental Permian Ltd.	North Hobbs RCF	Inlet 7	Header	12/17/2024	10:17 AM
Gas	Occidental Permian Ltd.	North Hobbs RCF	New 20" Line	Sample Valve	12/17/2024	9:41 AM
Gas	Occidental Permian Ltd.	North Hobbs RCF	Reflux Stabilizer	Sample Valve	12/17/2024	8:52 AM
Gas	Occidental Permian Ltd.	North Hobbs RCF	ROZ Inlet	Header	12/17/2024	9:50 AM
Gas	Occidental Permian Ltd.	North Hobbs RCF	Surge Tank	Propane Vapor	12/17/2024	9:24 AM
Gas	Occidental Permian Ltd.	North Hobbs RCF	WIB Inlet	Header	12/17/2024	10:17 AM
Liquid	Occidental Permian Ltd.	North Hobbs RCF	DEX PRO	Gasoline	12/17/2024	9:16 AM
Liquid	Occidental Permian Ltd.	North Hobbs RCF	NGL Storage	NGL	12/17/2024	8:43 AM
Liquid	Occidental Permian Ltd.	North Hobbs RCF	Stabilizer	Bottoms	12/17/2024	8:55 AM

Liquid	Occidental Permian Ltd.	North Hobbs RCF	Surge Tank	Propane Liquid	12/17/2024	9:28 AM

No Sample List				
Operator	**Location**	**Site**	**Sample Point**	**Comment**
Occidental Permian Ltd.	New Mexico Measurement	21013	#2 Slug Catcher Inlet	No Flow at Sample Point
Occidental Permian Ltd.	North Hobbs RCF	DEX PRO	Gasoline	Sample Point All Water
Occidental Permian Ltd.	North Hobbs RCF	DEX PRO	Outlet	Unable to collect sample with Site Setup/Equipment
Occidental Permian Ltd.	North Hobbs RCF	Inlet 7	Header	Unable to collect sample with Site Setup/Equipment
Occidental Permian Ltd.	North Hobbs RCF	WIB Inlet	Header	Sample Point All Water

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	1620 psig
Location	New Mexico Measurement	**Sample Temp**	104 F
Site	2098	**Atm Temp**	43 F
Site Type	Meter	**Collection Date**	12/17/2024
Sample Point	CO2 Discharge	**Collection Time**	8:35 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID	2098	**Pressure Base**	15.025 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	CO2	**Container(s)**	YZ9357

GPA 2177-20 CO2 Fractional Analysis

COMPOUND	FORMULA	MOL%	VOL%	WT%
NITROGEN	N2	3.490	2.231	2.338
CARBON DIOXIDE	CO2	86.311	85.789	90.823
HYDROGEN SULFIDE	H2S	1.590	1.249	1.296
METHANE	C1	5.520	5.456	2.117
ETHANE	C2	0.914	1.425	0.657
PROPANE	C3	1.238	1.989	1.305
I-BUTANE	iC4	0.201	0.383	0.279
N-BUTANE	nC4	0.410	0.754	0.570
I-PENTANE	iC5	0.129	0.275	0.223
N-PENTANE	nC5	0.098	0.207	0.169
HEXANES PLUS	C6+	0.099	0.242	0.223
TOTALS:		**100.000**	**100.000**	**100.000**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

Liquid Phase Properties

SCF/Gal (Ideal)	SCF/Gal (Real)	Mol Weight	Relative Density (60/60)	Vapor Pressure 100F, psia
57.170	56.848	41.824	0.773	9.0

Vapor Phase Properties

ITEM	BTU/CF	Specific Gr.	Z Factor
DRY	151.33	1.452	0.994
WATER SATURATED	149.68	1.438	0.994

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	1.5897	1,009.43	16,049.9	757.0

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	1619 psig
Location	New Mexico Measurement	**Sample Temp**	104 F
Site	2099	**Atm Temp**	43 F
Site Type	Meter	**Collection Date**	12/17/2024
Sample Point	CO2 Discharge	**Collection Time**	8:27 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID	2099	**Pressure Base**	15.025 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	CO2	**Container(s)**	YZ10133

GPA 2177-20 CO2 Fractional Analysis

COMPOUND	FORMULA	MOL%	VOL%	WT%
NITROGEN	N2	4.130	2.651	2.796
CARBON DIOXIDE	CO2	84.799	84.616	90.189
HYDROGEN SULFIDE	H2S	1.590	1.254	1.310
METHANE	C1	6.455	6.405	2.503
ETHANE	C2	1.019	1.595	0.740
PROPANE	C3	1.377	2.221	1.467
I-BUTANE	iC4	0.157	0.301	0.221
N-BUTANE	nC4	0.267	0.493	0.375
I-PENTANE	iC5	0.073	0.156	0.127
N-PENTANE	nC5	0.059	0.125	0.103
HEXANES PLUS	C6+	0.074	0.183	0.169
TOTALS:		**100.000**	**100.000**	**100.000**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

Liquid Phase Properties

SCF/Gal (Ideal)	SCF/Gal (Real)	Mol Weight	Relative Density (60/60)	Vapor Pressure 100F, psia
57.395	57.080	41.380	0.767	9.2

Vapor Phase Properties

ITEM	BTU/CF	Specific Gr.	Z Factor
DRY	155.08	1.436	0.995
WATER SATURATED	153.36	1.423	0.994

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	1.5897	1,009.43	16,049.9	757.0

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	289 psig
Location	New Mexico Measurement	**Sample Temp**	60 F
Site	1013	**Atm Temp**	45 F
Site Type	Meter	**Collection Date**	12/17/2024
Sample Point	#1 Slug Catcher Inlet	**Collection Time**	9:46 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID	1013	**Pressure Base**	15.025 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PL1962

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	1.408	0.938	0.158
CARBON DIOXIDE	CO2	87.015	91.038	15.218
HYDROGEN SULFIDE	H2S	0.922	0.747	0.127
METHANE	C1	6.948	2.650	1.208
ETHANE	C2	0.800	0.572	0.220
PROPANE	C3	1.183	1.240	0.334
I-BUTANE	iC4	0.255	0.352	0.086
N-BUTANE	nC4	0.699	0.966	0.226
I-PENTANE	iC5	0.236	0.405	0.089
N-PENTANE	nC5	0.198	0.340	0.074
HEXANES PLUS	C6+	0.336	0.752	0.147
TOTALS:		**100.000**	**100.000**	**17.887**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	1.176	0.956	0.622	0.310	0.472	0.278

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	191.04	174.79	1.461	0.994	42.065	158.08
SATURATED	188.73	171.80	1.447	0.994	41.348	

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	0.9216	585.22	9,305.0	438.9

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	275 psig
Location	New Mexico Measurement	**Sample Temp**	65 F
Site	10002	**Atm Temp**	43 F
Site Type	Meter	**Collection Date**	12/17/2024
Sample Point	NGL Plant Inlet	**Collection Time**	9:00 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID	10002	**Pressure Base**	15.025 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PL1835

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	1.430	0.951	0.161
CARBON DIOXIDE	CO2	86.931	90.804	15.204
HYDROGEN SULFIDE	H2S	0.913	0.739	0.126
METHANE	C1	6.867	2.615	1.194
ETHANE	C2	0.802	0.572	0.220
PROPANE	C3	1.196	1.252	0.338
I-BUTANE	iC4	0.272	0.375	0.091
N-BUTANE	nC4	0.722	0.996	0.234
I-PENTANE	iC5	0.250	0.428	0.094
N-PENTANE	nC5	0.216	0.370	0.080
HEXANES PLUS	C6+	0.401	0.899	0.175
TOTALS:		**100.000**	**100.000**	**17.917**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	1.232	1.012	0.674	0.349	0.537	0.327

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	196.68	180.06	1.463	0.994	42.133	162.61
SATURATED	194.27	176.98	1.449	0.994	41.415	

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	0.9125	579.43	9,212.9	434.5

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	N/A
Location	New Mexico Measurement	**Sample Temp**	N/A
Site	21013	**Atm Temp**	N/A
Site Type	Meter	**Collection Date**	12/17/2024
Sample Point	#2 Slug Catcher Inlet	**Collection Time**	9:47 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID	21013	**Pressure Base**	15.025 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	

No Sample

Employee	Comment
Cody Carson	No Flow at Sample Point

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	291 psig
Location	New Mexico Measurement	**Sample Temp**	60 F
Site	21023	**Atm Temp**	45 F
Site Type	Meter	**Collection Date**	12/17/2024
Sample Point	#3 Slug Catcher Inlet	**Collection Time**	9:35 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID	21023	**Pressure Base**	15.025 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PL3177

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	1.514	0.999	0.170
CARBON DIOXIDE	CO2	89.587	92.888	15.667
HYDROGEN SULFIDE	H2S	0.614	0.493	0.085
METHANE	C1	5.319	2.010	0.925
ETHANE	C2	0.653	0.463	0.179
PROPANE	C3	0.982	1.020	0.278
I-BUTANE	iC4	0.215	0.294	0.072
N-BUTANE	nC4	0.571	0.782	0.185
I-PENTANE	iC5	0.169	0.287	0.063
N-PENTANE	nC5	0.140	0.238	0.052
HEXANES PLUS	C6+	0.236	0.526	0.103
TOTALS:		**100.000**	**100.000**	**17.779**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.932	0.753	0.475	0.218	0.333	0.195

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	148.19	135.58	1.474	0.994	42.446	122.07
SATURATED	146.59	133.27	1.460	0.994	41.723	

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	0.6144	390.13	6,203.1	292.6

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	286 psig
Location	North Hobbs RCF	**Sample Temp**	63 F
Site	DEX PRO	**Atm Temp**	40 F
Site Type	Station	**Collection Date**	12/17/2024
Sample Point	Inlet	**Collection Time**	9:14 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PL3142

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	1.540	1.018	0.169
CARBON DIOXIDE	CO2	89.269	92.718	15.219
HYDROGEN SULFIDE	H2S	0.572	0.460	0.077
METHANE	C1	5.546	2.100	0.940
ETHANE	C2	0.681	0.483	0.182
PROPANE	C3	1.061	1.104	0.292
I-BUTANE	iC4	0.223	0.306	0.073
N-BUTANE	nC4	0.580	0.796	0.183
I-PENTANE	iC5	0.169	0.288	0.062
N-PENTANE	nC5	0.138	0.235	0.050
HEXANES PLUS	C6+	0.221	0.492	0.094
TOTALS:		**100.000**	**100.000**	**17.341**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.936	0.754	0.462	0.206	0.313	0.179

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	148.65	135.98	1.471	0.994	42.373	122.57
SATURATED	147.00	133.60	1.457	0.994	41.632	

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	0.5717	363.02	5,772.0	272.2

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	N/A
Location	North Hobbs RCF	**Sample Temp**	N/A
Site	DEX PRO	**Atm Temp**	N/A
Site Type	Station	**Collection Date**	12/17/2024
Sample Point	Outlet	**Collection Time**	9:16 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	

No Sample

Employee	Comment
Cody Carson	Unable to collect sample with Site Setup/Equipment

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	294 psig
Location	North Hobbs RCF	**Sample Temp**	60 F
Site	Inlet 1	**Atm Temp**	50 F
Site Type	Station	**Collection Date**	12/17/2024
Sample Point	Header	**Collection Time**	9:55 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PL0329

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	1.547	1.041	0.170
CARBON DIOXIDE	CO2	86.330	91.295	14.717
HYDROGEN SULFIDE	H2S	0.599	0.491	0.081
METHANE	C1	8.053	3.104	1.365
ETHANE	C2	0.942	0.681	0.252
PROPANE	C3	1.259	1.334	0.347
I-BUTANE	iC4	0.219	0.306	0.072
N-BUTANE	nC4	0.551	0.770	0.174
I-PENTANE	iC5	0.159	0.276	0.058
N-PENTANE	nC5	0.132	0.229	0.048
HEXANES PLUS	C6+	0.209	0.474	0.088
TOTALS:		**100.000**	**100.000**	**17.372**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	1.039	0.787	0.440	0.194	0.295	0.169

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	181.48	165.68	1.444	0.994	41.616	151.00
SATURATED	179.27	162.78	1.431	0.994	40.889	

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	0.5990	380.38	6,048.0	285.2

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	290 psig
Location	North Hobbs RCF	**Sample Temp**	60 F
Site	Inlet 2	**Atm Temp**	50 F
Site Type	Station	**Collection Date**	12/17/2024
Sample Point	Header	**Collection Time**	9:59 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PL0914

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	1.174	0.769	0.129
CARBON DIOXIDE	CO2	89.875	92.429	15.326
HYDROGEN SULFIDE	H2S	0.000	0.000	0.000
METHANE	C1	5.178	1.941	0.878
ETHANE	C2	0.658	0.462	0.176
PROPANE	C3	1.075	1.108	0.296
I-BUTANE	iC4	0.273	0.371	0.089
N-BUTANE	nC4	0.813	1.104	0.256
I-PENTANE	iC5	0.290	0.489	0.106
N-PENTANE	nC5	0.250	0.421	0.091
HEXANES PLUS	C6+	0.414	0.906	0.176
TOTALS:		**100.000**	**100.000**	**17.523**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	1.190	1.014	0.718	0.373	0.568	0.331

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	169.70	155.64	1.486	0.994	42.794	139.22
SATURATED	167.69	152.91	1.471	0.994	42.046	

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	0.0000	0.03	0.5	0.0

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	295 psig
Location	North Hobbs RCF	**Sample Temp**	60 F
Site	Inlet 3	**Atm Temp**	50 F
Site Type	Station	**Collection Date**	12/17/2024
Sample Point	Header	**Collection Time**	10:03 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PL3063

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	1.912	1.263	0.210
CARBON DIOXIDE	CO2	88.168	91.464	15.033
HYDROGEN SULFIDE	H2S	0.719	0.578	0.097
METHANE	C1	5.557	2.101	0.942
ETHANE	C2	0.692	0.490	0.185
PROPANE	C3	1.119	1.163	0.308
I-BUTANE	iC4	0.268	0.367	0.088
N-BUTANE	nC4	0.763	1.045	0.241
I-PENTANE	iC5	0.258	0.439	0.094
N-PENTANE	nC5	0.218	0.371	0.079
HEXANES PLUS	C6+	0.326	0.719	0.138
TOTALS:		**100.000**	**100.000**	**17.415**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	1.133	0.948	0.640	0.311	0.471	0.264

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	170.93	156.62	1.473	0.994	42.424	140.85
SATURATED	168.90	153.87	1.459	0.994	41.683	

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	0.7188	456.42	7,257.1	342.3

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	296 psig
Location	North Hobbs RCF	**Sample Temp**	60 F
Site	Inlet 4	**Atm Temp**	50 F
Site Type	Station	**Collection Date**	12/17/2024
Sample Point	Header	**Collection Time**	10:07 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PL3188

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	1.763	1.192	0.193
CARBON DIOXIDE	CO2	85.667	90.975	14.603
HYDROGEN SULFIDE	H2S	0.719	0.591	0.097
METHANE	C1	8.416	3.258	1.427
ETHANE	C2	0.958	0.695	0.256
PROPANE	C3	1.268	1.349	0.349
I-BUTANE	iC4	0.217	0.304	0.071
N-BUTANE	nC4	0.549	0.770	0.173
I-PENTANE	iC5	0.148	0.258	0.054
N-PENTANE	nC5	0.119	0.207	0.043
HEXANES PLUS	C6+	0.176	0.401	0.075
TOTALS:		**100.000**	**100.000**	**17.341**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	1.021	0.765	0.416	0.172	0.260	0.144

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	183.63	167.55	1.438	0.994	41.442	153.11
SATURATED	181.38	164.62	1.425	0.994	40.718	

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	0.7188	456.42	7,257.1	342.3

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	299 psig
Location	North Hobbs RCF	**Sample Temp**	60 F
Site	Inlet 5	**Atm Temp**	50 F
Site Type	Station	**Collection Date**	12/17/2024
Sample Point	Header	**Collection Time**	10:12 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PL3155

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	2.090	1.410	0.229
CARBON DIOXIDE	CO2	85.806	90.955	14.626
HYDROGEN SULFIDE	H2S	0.719	0.590	0.097
METHANE	C1	7.992	3.088	1.355
ETHANE	C2	0.919	0.666	0.246
PROPANE	C3	1.239	1.316	0.341
I-BUTANE	iC4	0.219	0.307	0.072
N-BUTANE	nC4	0.559	0.783	0.176
I-PENTANE	iC5	0.157	0.273	0.057
N-PENTANE	nC5	0.126	0.219	0.046
HEXANES PLUS	C6+	0.174	0.393	0.074
TOTALS:		**100.000**	**100.000**	**17.319**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	1.012	0.766	0.425	0.177	0.266	0.143

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	178.78	163.18	1.441	0.994	41.518	148.93
SATURATED	176.61	160.32	1.427	0.994	40.793	

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	0.7188	456.42	7,257.1	342.3

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	301 psig
Location	North Hobbs RCF	**Sample Temp**	60 F
Site	Inlet 6	**Atm Temp**	50 F
Site Type	Station	**Collection Date**	12/17/2024
Sample Point	Header	**Collection Time**	10:16 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PL3121

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	1.662	1.121	0.182
CARBON DIOXIDE	CO2	85.964	91.081	14.654
HYDROGEN SULFIDE	H2S	0.719	0.590	0.097
METHANE	C1	8.185	3.161	1.388
ETHANE	C2	0.940	0.680	0.251
PROPANE	C3	1.269	1.347	0.350
I-BUTANE	iC4	0.221	0.309	0.072
N-BUTANE	nC4	0.568	0.795	0.179
I-PENTANE	iC5	0.159	0.276	0.058
N-PENTANE	nC5	0.130	0.226	0.047
HEXANES PLUS	C6+	0.183	0.414	0.078
TOTALS:		**100.000**	**100.000**	**17.356**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	1.035	0.784	0.434	0.183	0.275	0.151

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	182.96	166.99	1.442	0.994	41.538	152.37
SATURATED	180.72	164.07	1.428	0.994	40.812	

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	0.7188	456.42	7,257.1	342.3

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	N/A
Location	North Hobbs RCF	**Sample Temp**	N/A
Site	Inlet 7	**Atm Temp**	N/A
Site Type	Station	**Collection Date**	12/17/2024
Sample Point	Header	**Collection Time**	10:17 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	

No Sample

Employee	Comment
Cody Carson	Unable to collect sample with Site Setup/Equipment

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	290 psig
Location	North Hobbs RCF	**Sample Temp**	70 F
Site	New 20" Line	**Atm Temp**	45 F
Site Type	Station	**Collection Date**	12/17/2024
Sample Point	Sample Valve	**Collection Time**	9:41 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PL2179

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	1.615	1.057	0.177
CARBON DIOXIDE	CO2	91.032	93.599	15.521
HYDROGEN SULFIDE	H2S	0.470	0.374	0.063
METHANE	C1	4.129	1.548	0.700
ETHANE	C2	0.536	0.377	0.143
PROPANE	C3	0.868	0.894	0.239
I-BUTANE	iC4	0.217	0.295	0.071
N-BUTANE	nC4	0.573	0.778	0.181
I-PENTANE	iC5	0.168	0.283	0.062
N-PENTANE	nC5	0.139	0.234	0.050
HEXANES PLUS	C6+	0.253	0.561	0.108
TOTALS:		**100.000**	**100.000**	**17.315**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.854	0.711	0.472	0.220	0.337	0.203

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	127.52	116.86	1.486	0.994	42.803	104.62
SATURATED	126.23	114.82	1.472	0.994	42.055	

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	0.4697	298.24	4,742.0	223.7

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	239 psia
Location	North Hobbs RCF	**Sample Temp**	50 F
Site	Reflux Stabilizer	**Atm Temp**	43 F
Site Type	Station	**Collection Date**	12/17/2024
Sample Point	Sample Valve	**Collection Time**	8:52 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PL2315

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	1.419	0.952	0.156
CARBON DIOXIDE	CO2	89.053	93.843	15.178
HYDROGEN SULFIDE	H2S	0.189	0.154	0.025
METHANE	C1	7.056	2.710	1.196
ETHANE	C2	0.827	0.595	0.221
PROPANE	C3	1.028	1.085	0.283
I-BUTANE	iC4	0.127	0.177	0.042
N-BUTANE	nC4	0.217	0.302	0.068
I-PENTANE	iC5	0.012	0.021	0.004
N-PENTANE	nC5	0.016	0.028	0.006
HEXANES PLUS	C6+	0.056	0.133	0.024
TOTALS:		**100.000**	**100.000**	**17.203**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.648	0.427	0.144	0.034	0.056	0.036

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	128.62	116.90	1.449	0.995	41.764	106.83
SATURATED	127.31	114.97	1.436	0.994	41.034	

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	297 psig
Location	North Hobbs RCF	**Sample Temp**	59 F
Site	ROZ Inlet	**Atm Temp**	50 F
Site Type	Station	**Collection Date**	12/17/2024
Sample Point	Header	**Collection Time**	9:50 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PL3056

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	1.521	1.021	0.167
CARBON DIOXIDE	CO2	85.859	90.517	14.638
HYDROGEN SULFIDE	H2S	0.900	0.735	0.121
METHANE	C1	7.912	3.041	1.341
ETHANE	C2	0.886	0.638	0.237
PROPANE	C3	1.272	1.344	0.351
I-BUTANE	iC4	0.258	0.359	0.084
N-BUTANE	nC4	0.677	0.943	0.214
I-PENTANE	iC5	0.222	0.384	0.081
N-PENTANE	nC5	0.184	0.318	0.067
HEXANES PLUS	C6+	0.309	0.700	0.131
TOTALS:		**100.000**	**100.000**	**17.432**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	1.165	0.928	0.577	0.279	0.426	0.249

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	196.53	179.67	1.449	0.994	41.744	163.26
SATURATED	194.06	176.53	1.435	0.994	41.015	

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	0.9003	571.70	9,090.0	428.7

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	143 psig
Location	North Hobbs RCF	**Sample Temp**	N/A
Site	Surge Tank	**Atm Temp**	40 F
Site Type	Tank	**Collection Date**	12/17/2024
Sample Point	Propane Vapor	**Collection Time**	9:24 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PL1901

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.682	0.453	0.076
CARBON DIOXIDE	CO2	0.067	0.070	0.012
HYDROGEN SULFIDE	H2S	0.000	0.000	0.000
METHANE	C1	0.067	0.026	0.011
ETHANE	C2	13.196	9.417	3.566
PROPANE	C3	85.885	89.878	23.914
I-BUTANE	iC4	0.020	0.028	0.007
N-BUTANE	nC4	0.065	0.090	0.021
I-PENTANE	iC5	0.004	0.007	0.001
N-PENTANE	nC5	0.003	0.005	0.001
HEXANES PLUS	C6+	0.011	0.026	0.005
TOTALS:		**100.000**	**100.000**	**27.614**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	27.515	23.949	0.035	0.007	0.012	0.007

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	2,429.58	2,234.71	1.478	0.984	42.137	1,998.67
SATURATED	2,389.17	2,195.60	1.464	0.984	41.401	

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	N/A
Location	North Hobbs RCF	**Sample Temp**	N/A
Site	WIB Inlet	**Atm Temp**	N/A
Site Type	Station	**Collection Date**	12/17/2024
Sample Point	Header	**Collection Time**	10:17 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	

No Sample

Employee	Comment
Cody Carson	Sample Point All Water

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	N/A
Location	North Hobbs RCF	**Sample Temp**	N/A
Site	DEX PRO	**Atm Temp**	N/A
Site Type	Station	**Collection Date**	12/17/2024
Sample Point	Gasoline	**Collection Time**	9:16 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Liquid	**Container(s)**	

No Sample

Employee	Comment
Cody Carson	Sample Point All Water

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	1018 psig
Location	North Hobbs RCF	**Sample Temp**	N/A
Site	NGL Storage	**Atm Temp**	45 F
Site Type	Vessel	**Collection Date**	12/17/2024
Sample Point	NGL	**Collection Time**	8:43 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Liquid	**Container(s)**	PL3025

GPA 2177-20 Liquid Fractional Analysis

COMPOUND	FORMULA	MOL%	VOL%	WT%
NITROGEN	N2	0.016	0.005	0.007
CARBON DIOXIDE	CO2	0.000	0.000	0.000
HYDROGEN SULFIDE	H2S	0.000	0.000	0.000
METHANE	C1	0.000	0.000	0.000
ETHANE	C2	0.000	0.000	0.000
PROPANE	C3	15.436	12.521	10.423
I-BUTANE	iC4	11.831	11.393	10.530
N-BUTANE	nC4	31.939	29.641	28.428
I-PENTANE	iC5	13.477	14.523	14.890
N-PENTANE	nC5	11.343	12.093	12.532
HEXANES PLUS	C6+	15.958	19.824	23.190
TOTALS:		**100.000**	**100.000**	**100.000**

Value of "0.000" in fractional interpreted as below detectable limit.

Calculated Properties

SCF/Gal (Ideal)	SCF/Gal (Real)	Mol Weight	Relative Density (60/60)	Vapor Pressure 100F, psia	Reid VP Equivalent, psi
29.600	28.306	65.304	0.605	59.5	56.5

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	250 psig
Location	North Hobbs RCF	**Sample Temp**	N/A
Site	Stabilizer	**Atm Temp**	43 F
Site Type	Vessel	**Collection Date**	12/17/2024
Sample Point	Bottoms	**Collection Time**	8:55 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Liquid	**Container(s)**	PL2149

GPA 2177-20 Liquid Fractional Analysis

COMPOUND	FORMULA	MOL%	VOL%	WT%
NITROGEN	N2	0.004	0.001	0.002
CARBON DIOXIDE	CO2	0.000	0.000	0.000
HYDROGEN SULFIDE	H2S	0.000	0.000	0.000
METHANE	C1	0.000	0.000	0.000
ETHANE	C2	0.000	0.000	0.000
PROPANE	C3	13.118	10.935	9.329
I-BUTANE	iC4	18.333	18.143	17.185
N-BUTANE	nC4	40.392	38.526	37.861
I-PENTANE	iC5	11.398	12.622	13.262
N-PENTANE	nC5	8.649	9.477	10.064
HEXANES PLUS	C6+	8.106	10.296	12.297
TOTALS:		**100.000**	**100.000**	**100.000**

Value of "0.000" in fractional interpreted as below detectable limit.

Calculated Properties

SCF/Gal (Ideal)	SCF/Gal (Real)	Mol Weight	Relative Density (60/60)	Vapor Pressure 100F, psia	Reid VP Equivalent, psi
30.418	29.254	62.007	0.592	63.0	59.8

Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Occidental Permian Ltd.	**Pressure**	145 psig
Location	North Hobbs RCF	**Sample Temp**	N/A
Site	Surge Tank	**Atm Temp**	43 F
Site Type	Tank	**Collection Date**	12/17/2024
Sample Point	Propane Liquid	**Collection Time**	9:28 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.650 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Liquid	**Container(s)**	PL1155

GPA 2177-20 Liquid Fractional Analysis

COMPOUND	FORMULA	MOL%	VOL%	WT%
NITROGEN	N2	0.005	0.002	0.003
CARBON DIOXIDE	CO2	0.000	0.000	0.000
HYDROGEN SULFIDE	H2S	0.000	0.000	0.000
METHANE	C1	0.000	0.000	0.000
ETHANE	C2	1.861	1.805	1.273
PROPANE	C3	97.388	97.298	97.675
I-BUTANE	iC4	0.244	0.289	0.323
N-BUTANE	nC4	0.367	0.420	0.485
I-PENTANE	iC5	0.057	0.076	0.094
N-PENTANE	nC5	0.043	0.056	0.071
HEXANES PLUS	C6+	0.035	0.054	0.076
TOTALS:		**100.000**	**100.000**	**100.000**

Value of "0.000" in fractional interpreted as below detectable limit.

Calculated Properties

SCF/Gal (Ideal)	SCF/Gal (Real)	Mol Weight	Relative Density (60/60)	Vapor Pressure 100F, psia	Reid VP Equivalent, psi
36.456	35.826	43.967	0.505	184.1	175.9

Analysis Methods And Description

ITEM	METHOD	FLUID	DESCRIPTION
NGC6+	GPA 2261-20	Gas	Analysis for Natural Gas and Similar Gaseous Mixtures by Gas Chromatography through C6+
NGLC6+	GPA 2177-20	Liquid	Analysis of Natural Gas Liquid Mixtures Containing Nitrogen and Carbon Dioxide by Gas Chromatography Through C6+
NGLC6+	GPA 2177-20	CO2	Analysis of Natural Gas Liquid Mixtures Containing Nitrogen and Carbon Dioxide by Gas Chromatography Through C6+
OSST	GPA 2377	Gas	Test for Hydrogen Sulfide and Carbon Dioxide in Natural Gas Using Length of Stain Tubes
OSST	GPA 2377	CO2	Test for Hydrogen Sulfide and Carbon Dioxide in Natural Gas Using Length of Stain Tubes

Sampling Methods And Description

Fluid	Method	Description
Gas	GPA 2166	Obtaining Natural Gas Samples for Analysis by Gas Chromatography
Liquid	GPA 2174	Obtaining Liquid Hydrocarbons Samples For Analysis by Gas Chromatography

Calculation Methods And Description

Method	Description
GPA 2145	Table of Physical Properties for Hydrocarbons and Other Compounds of Interest to the Natural Gas and Natural Gas Liquids Industries
GPA 2172	Calculation of Gross Heating Value, Relative Density, Compressibility and Theoretical Hydrocarbon Liquid Content for Natural Gas Mixtures for Custody Transfer
ASTM 3588	Standard Practice for Calculating Heat Value, Compressibility Factor, and Relative Density of Gaseous Fuels

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 453495

QUESTIONS

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 453495
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2510846625**
Incident Name	**NAPP2510846625 NORTH HOBBS RCF @ 0**
Incident Type	**Other**
Incident Status	**Initial C-141 Received**
Incident Facility	**[fKJ1517634129] NORTH HOBBS RECOMPRESSION FACILITY & GAS PLANT**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	North Hobbs RCF
Date Release Discovered	04/12/2025
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	*Not answered.*
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure | Gas Compressor Station | Natural Gas Flared | Released: 8 MCF | Recovered: 0 MCF | Lost: 8 MCF.
Other Released Details	Cause: Equipment Failure | Gas Compressor Station | Carbon Dioxide | Released: 68 LBS | Recovered: 0 LBS | Lost: 68 LBS.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 453495
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**Yes, according to supplied volumes this appears to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	*Unavailable.*
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	False
All free liquids and recoverable materials have been removed and managed appropriately	False
If all the actions described above have not been undertaken, explain why	This is a CO2 gas release only. There was no liquid or fluid impact to the area and/or physical remedial actions were necessary or required for the soil, groundwater, surface water, or environment, in or around the flare area as nothing occurred on the ground as there was no involvement, containment, or spillage of liquids or fluids during this event.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Shaina Rojas Title: Specialist Environmental Email: Shaina_rojas@oxy.com Date: 04/21/2025

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QUESTIONS (continued)

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 453495
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	*Not answered.*
What method was used to determine the depth to ground water	*Not answered.*
Did this release impact groundwater or surface water	*Not answered.*
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	*Not answered.*
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	*Not answered.*
An occupied permanent residence, school, hospital, institution, or church	*Not answered.*
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	*Not answered.*
Any other fresh water well or spring	*Not answered.*
Incorporated municipal boundaries or a defined municipal fresh water well field	*Not answered.*
A wetland	*Not answered.*
A subsurface mine	*Not answered.*
An (non-karst) unstable area	*Not answered.*
Categorize the risk of this well / site being in a karst geology	*Not answered.*
A 100-year floodplain	*Not answered.*
Did the release impact areas not on an exploration, development, production, or storage site	*Not answered.*

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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CONDITIONS

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 453495
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	4/22/2025