



# Gas Processing Facility Inspection Form

## Section 1: General Information

Operation Data	Inspection Data
Operator Name: NW Gas Processing LLC / SROG	Inspector Name: James Thum
Location Name: Little Willow Gas Gathering Facility	Area Office: Boise / Director's office
Authorized Contact: Dan Johaneck (208) 412-5475 Tyler Hartung (208) 412-5475	Inspection Date: 11/30/2021 11:15 AM
County: Payette	Report Date: 1/10/2022
Inspector's Signature:  /signed/ James Thum  Date of Signature: 1/10/2022	Inspection Summary:  <input checked="" type="checkbox"/> Operation appeared to be in compliance at the time of the inspection.  <input checked="" type="checkbox"/> Issues of concern identified at the time of the inspection.

**Location Description:** 4649 Little Willow Road, Payette ID 83661. SE side of Little Willow Road, 2.5 miles NE of the intersection of Idaho SR 52, 6 miles east of Payette ID. Weather- Cloudy to partly sunny, 45° F, winds variable <5 MPH.

## Section 2: Location of Plant IDAPA 20.07.02.430

- Is the facility located at least 300 feet from :  
(Only mark N/A for Original Portion of Hwy 30 Plant or LW Facility as constructed prior to 4/11/2015)
  - Existing Occupied Structures?  N/A  Yes  No
  - Water Wells?  N/A  Yes  No
  - Canals and Ditches?  N/A  Yes  No
  - Natural or Ordinary High Water Mark or Surface Waters?  N/A  Yes  No
- If the answer to A or B above is no, is there express written Permission from the owners of the above to allow the facility to be closer than 300 feet?  N/A  Yes  No
- If there is owner permission for the above to be closer than 300 feet, are water wells and existing occupied structures at least 100 feet from the plant?  N/A  Yes  No

## Section 3: Operations IDAPA 20.07.02.430

- Has the operator notified the department of which wells, by API number, are being served by the facility?  Yes  No
- Does the operator have a flaring permit from the IDEQ?  Yes  No
- Do the staff demonstrate knowledge of all operations and locations of:
  - Emergency shut off equipment?  Yes  No
  - Direction of Flow Lines? Marked by arrows  Yes  No

C. Heat Exchangers?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4. Have all meters been calibrated within the past calendar year and are records of calibration maintained for the past five years?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Are all meters accessible and viewable?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6. Is there supervisory control and data recording system in place to monitor the liquids and gas in the facility? <span style="margin-left: 300px;">SCADA system</span>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7. Is all gas and liquids entering and leaving the facility accounted for within a data recording system or logbook? <span style="margin-left: 300px;">SCADA system</span>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**Section 4: Location Operations**

**IDAPA 20.07.02.301**

1. Is the facility site fenced? A. If yes;	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
i. Was the fence installed within 60 days of completing facility construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
ii. Does the fence appear to:	
a. Maintain safe working conditions?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
b. Secure the facility site? <span style="color: red;">Note: site is no longer staffed, gate locked</span>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
c. Prevent access by wildlife and livestock?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. Are chemicals stored and maintained in accordance with all applicable MSDS requirements?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3. Are all materials related to operations palletized?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4. Do all vehicles or materials on the site appear to be in use?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Is there less than 5% vegetation on site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6. Is the site free from all trash, debris, or scrap metal on site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
A. If no, is all trash, debris and scrap metal pending removal kept in a wind proof container and appear emptied regularly?	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. If trash or debris constitutes a fire hazard, is it removed to at least 100 feet from the facility, tanks or separators?	<input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No

**Section 5: Accidents and Fires**

**IDAPA 20.07.02.302**

1. Is the emergency response plan available for use or inspection? A. If yes, does the operation appear to be consistent with the response plan?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. Is the location free of evidence of recent fires? A. If no, have they been properly reported?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No
3. Ask for a spill prevention and countermeasures plan. (SPCC can be located in company office). Are they aware of it?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**Section 6: Submitted Documentation****IDAPA 20.07.02.430**

1. Has the operator submitted an as-built facility design plan that contains the minimum as required in rules?  Yes  No
2. Has a monthly report been submitted accounting for receipt, processing, and disposition of all gas by the gas processing facility within the reporting period per Idaho Code § 47-324 (1) (b)?  N/A  Yes  No
- A. Was this report received by the 14th day following the end of the second month following the reporting period?  N/A  Yes  No

**Section 7: Tank Batteries****IDAPA 20.07.02.420**

1. Are all tank batteries located at least 300 feet from any existing: **(Note: constructed prior to 4/15/2015)**
- A. Occupied structures?  Yes  No
- B. Water wells?  Yes  No
- C. Canals?  Yes  No
- D. Ditches?  Yes  No
- E. Natural or ordinary high water mark of surface waters?  Yes  No
2. Is location at least 50 feet from highways when measured from outermost portion of the tank dike?  Yes  No
3. Are all tanks containing produced fluids or crude oil surrounded by tank dikes?  Yes  No
4. Are all tanks equipped to receive produced fluids surrounded by tank dikes?  Yes  No
- A. If yes;
- i. Do the dikes have a capacity of at least 1 ½ times the volume of the largest tank?  Yes  No
- ii. Is all piping and manmade improvements that perforate the dike wall or tank battery floor sealed to a minimum radius of 12" from outside edge of the piping or improvement?  Yes  No
- iii. Are valves and quick-connect couplers at least 18" from inside wall of tank dike? **Outside with shut-off, spill control devices (see #5)**  Yes  No
- iv. Is vegetation on top and outside surface properly maintained?  Yes  No
- v. Is a ladder or other permanent device installed over the tank dike to access the containment reservoir?  Yes  No
- vi. Is containment reservoir free of vegetation, storm water, produced fluids, other oil and gas field related debris, trash or flammable material?  Yes  No
5. Do drain lines have a valve installed, closed and capped off if not in use?  Yes  No

**Section 8: Inspection Comments****Comments and Issues of Concern:**

Minor fluid spill indicated by stained gravel on north side of compressor unit (see photo). Auxiliary spill containment pad is torn at corner on east side; needs minor repair. Photos taken of all separator units and calibration tags. Calibrations are up-to-date. Eastern side of facility still mainly used as a storage area for spare pipe and materials.

**Section 9: Attachments**

List any and all attachments including photos, samples, documents, etc.

# PRECISION ANALYSIS

GAS MEASUREMENT EMISSIONS TESTING LABORATORY

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PRODUCER: <u>Alta Mesa</u> STATION NAME: <u>Kauffman LT</u> UNIQUE #: <u>FIT-109 LTG</u> ATMOSPHERIC PRESSURE: <u>13.63</u> <input checked="" type="checkbox"/> ABS <input type="checkbox"/> GAUGE PHYSICAL LOCATION OF STATIC PRESSURE <input checked="" type="checkbox"/> UPSTREAM <input type="checkbox"/> DOWNSTREAM SPECIFIC GRAVITY: <u>7706</u> NOTES: _____	METER MAKE: <u>Total Flow ABB</u> METER MODEL: <u>XBC 64</u> METER SERIAL: <u>T142480309/T150818706</u> METER RUN ID: <u>3.068" x 1.375"</u> DIFF RANGE: <u>0-150" H<sub>2</sub>O</u> STATIC RANGE: <u>0-1000 PSIA</u> TEMP RANGE: <u>0-150°F</u>
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PRODUCER: <u>ALTA MESA</u> STATION NAME: <u>KAUFFMAN LT</u> UNIQUE #: <u>7706</u> ATMOSPHERIC PRESSURE: <u>15.63</u> <input checked="" type="checkbox"/> ABS <input type="checkbox"/> GAUGE PHYSICAL LOCATION OF STATIC PRESSURE <input checked="" type="checkbox"/> UPSTREAM <input type="checkbox"/> DOWNSTREAM SPECIFIC GRAVITY: <u>0.6821</u> NOTES: <u>10/18/2019</u> <u>AUG -P 38.135 PP 3781</u>	METER MAKE: <u>TOTAL FLOW ABB</u> METER MODEL: <u>XBC 64</u> METER SERIAL: <u>T142480309/T150818706</u> METER RUN ID: <u>3.068"</u> DIFF RANGE: <u>0-150" H<sub>2</sub>O</u> STATIC RANGE: <u>0-1000 PSI</u> TEMP RANGE: <u>0-150 °F</u>
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Plate/Cone Inspect (Date)	Orifice Bore Size	Beta Ratio	Meter Test (Date)	Gas Analysis (Date)	Specific Gravity	Tested By
07/18/2018	2.000"	0.52	07/18/2018	07/18/2018	0.6951	JH-ZEDC
07/18/2018	1.250"	0.327	07/18/2018	07/18/2018	0.7025	JH-ZEDC
10/17/2018	1.250"	0.327	10/17/2018	-	-	JH-ZEDC
01/23/2019	1.250"	0.327	01/23/2019	-	0.7025	JH-ZEDC
04/24/2019	1.250"	0.327	04/24/2019	-	0.7015	JH-ZEDC
07/16/2019	1.250"	0.327	07/16/2019	-	-	JH-ZEDC
10/23/2019	1.250"	0.327	10/23/2019	-	0.716	JH-ZEDC
12-1-20	1.250	0.32	12-1-20	-	NO Flow	KB
3-3-21	1.250	.32	3-3-21	3-3-21	0.7183	KB
6-23-21	1.250	.32	6-23-21	NO Flow	-	KB
10-20-21	1.250	.32	10-20-21	-	-	KB

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Plate/Cone Inspect (Date)	Orifice Bore Size	Beta Ratio	Meter Test (Date)	Gas Analysis (Date)	Specific Gravity	Tested By
-	0.350"	0.169	07/16/2019	10/13/2016	0.7124	JH-ZEDC
-	0.350"	0.169	10/23/2019	-	0.7124	JH-ZEDC
-	0.350	.16	3-3-21	3-3-21	0.7160	KB
-	.350	.16	6-23-21	NO Flow	-	KB
-	0.340	.16	10-20-21	-	-	KB

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**Winn-Marion Automation Services**

2720 W. 1600 S.  
Roosevelt, UT 84066

Location: Little Willow Line Size: 1.049 Elevation: 2246'  
 Station ID: MW Fred Device Range  
 Lease: \_\_\_\_\_ SP: 0-300 Cal. Range  
 API: \_\_\_\_\_ DP: 0-100 DP: 0-100  
 S/N: 269CS6511405129 Temp: -100-300 Temp: 0-200

Date:	Calibrated BY:	Orifice Plate Size
3-23-2016	Sheldon Walton	0.35





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PRODUCER: Alta Mesa METER MAKE: Total Flow ABB  
 STATION NAME: ML 1-10 METER MODEL: XRC 64  
 UNIQUE #: FIT-1106 METER SERIAL: T142480309  
 ATMOSPHERIC PRESSURE: 13.63 METER RUN ID: ~~4.21~~ 3.823" x 1.5"  
 ABS  GAUGE  
 PHYSICAL LOCATION OF STATIC PRESSURE  
 UPSTREAM  DOWNSTREAM  
 SPECIFIC GRAVITY: .6902 .6873 .6814 TEMP RANGE: 0-150°F  
 DIFF RANGE: 0-250" H<sub>2</sub>O  
 STATIC RANGE: 0-1000 PSI A

NOTES:



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PRODUCER: Snake River METER MAKE: Total Flow  
 STATION NAME: Harman Sep New METER MODEL: 64  
 UNIQUE #: \_\_\_\_\_ METER SERIAL: \_\_\_\_\_  
 ATMOSPHERIC PRESSURE: 13.69 METER RUN ID: 3.069  
 ABS  GAUGE  
 PHYSICAL LOCATION OF STATIC PRESSURE  
 UPSTREAM  DOWNSTREAM  
 SPECIFIC GRAVITY: \_\_\_\_\_  
 DIFF RANGE: ~~0-250~~ 0-250  
 STATIC RANGE: ~~0-600~~ 0-600  
 TEMP RANGE: 0-150

NOTES:



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PRODUCER: ALTA MESA METER MAKE: TOTAL FLOW ABB  
 STATION NAME: ML INVESTMENTS 3 METER MODEL: XRC 64  
 UNIQUE #: ID01002566 METER SERIAL: T142480309  
 ATMOSPHERIC PRESSURE: 13.63 METER RUN ID: 3.823"  
 ABS  GAUGE  
 PHYSICAL LOCATION OF STATIC PRESSURE  
 UPSTREAM  DOWNSTREAM  
 SPECIFIC GRAVITY: 0.6812 TEMP RANGE: 0-150 °F  
 DIFF RANGE: 0-250 IN H<sub>2</sub>O  
 STATIC RANGE: ~~0-800~~ 0-500 PSI

NOTES: AVG SP-487.69 DP-31.98 07/16/2018 10/17/2018  
AVG DP-58.582 SP-157.929 AVG DP-57.317 SP-245.04 04/14/2019  
AVG DP-43.601 SP-703021 07/14/2018





GAS MEASUREMENT EMISSIONS TESTING LABORATORY

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PRODUCER: Alta Mesa METER MAKE: Total flow

STATION NAME: ML 2-10 METER MODEL: 269CS

UNIQUE #: FET-2106 ID01060596 METER SERIAL: T150313648

ATMOSPHERIC PRESSURE: 13.63 METER RUN ID: 4.026"

ABS  GAUGE

PHYSICAL LOCATION OF STATIC PRESSURE

UPSTREAM  DOWNSTREAM

DIFF RANGE: 0-250" H<sub>2</sub>O

STATIC RANGE: 0-1000 PSI

SPECIFIC GRAVITY: .6881 TEMP RANGE: 0-150°F

NOTES: Payette County AUG SP-484.72 DP-9.37 07/18/2018

10/17/2018  
AUG SP-466.967 DP-9.692



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PRODUCER: HIGH MESA METER MAKE: TOTAL FLOW

STATION NAME: ML INVESTMENTS 2-10 METER MODEL: 269CS

UNIQUE #: ID01060596 METER SERIAL: T150313648

ATMOSPHERIC PRESSURE: 13.63 METER RUN ID: 4.026"

ABS  GAUGE

PHYSICAL LOCATION OF STATIC PRESSURE

UPSTREAM  DOWNSTREAM

DIFF RANGE: 0-250 IN H<sub>2</sub>O

STATIC RANGE: ~~0-1000~~ PSI 0-400

SPECIFIC GRAVITY: 0.6929 TEMP RANGE: 0-150 °F

NOTES: PAYETTE COUNTY 01/23/2019  
AUG DP-19.174 SP-250.020 07/16/2018  
AUG DP-23.109 SP-229.53 10/23/2019  
AUG-26.26 DP-SP-138.73

Plate/Cone Inspect (Date)	Orifice Bore Size	Beta Ratio	Meter Test (Date)	Gas Analysis (Date)	Specific Gravity	Tested By
10/13/16	1.500"		10/13/16	10/11/16	.6881	AM
11/11/17	1.500		11/11/17	11/10/17	.6908	BLB
4/19/17	1.500		4/19/17	4/18/17	.7212	BLB
7/19/2017	1.500		7/19/2017	07/18/2017	0.7188	JJ-ZEDI
10/24/2017	1.500		10/24/2017	10/24/2017	0.7198	JJ-ZEDI
11/24/18	4x 1.500		11/24/18	1/23/19	.7282	BLB
04/18/2018	1.500"	0.37	04/18/2018	04/17/2018	0.6854	M-ZEDI
07/18/2018	1.500"	0.373	07/18/2018	07/17/2018	0.6951	JJ-ZEDI
10/17/2018	1.500"	0.373	10/17/2018	10/16/2018	0.6858	JJ-ZEDI
12/29/18	1.375					TJEN

Plate/Cone Inspect (Date)	Orifice Bore Size	Beta Ratio	Meter Test (Date)	Gas Analysis (Date)	Specific Gravity	Tested By
12/24/2018	1.375"	0.312				TJEN
01/23/2019	1.375"	0.342	01/23/2019	01/24/2019	0.6929	JJ-ZEDI
04/24/2019	1.375"	0.342	04/24/2019	04/23/2019	0.7188	JJ-ZEDI
07/16/2019	1.375"	0.342	07/16/2019	7-18-19	0.7294	JJ-ZEDI
10/23/2019	1.375"	0.342	10/23/2019	10/24/2019	0.6986	JJ-ZEDI
12-2-20	1.375	0.342	12-2-20	-	-	KB
3-3-21	1.375	.34	3-3-21	3-3-21	0.7126	KB
6-23-21	1.375	.34	6-23-21	6-23-21	0.7090	KB
10-21-21	1.375	.34	10-21-21	-	-	KB

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GAS MEASUREMENT EMISSIONS TESTING LABORATORY  
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PRODUCER: Alta Mesa METER MAKE: Totalflow  
 STATION NAME: ML 1-11 UT METER MODEL: 26925  
 UNIQUE #: FIT-1114FG 1D010007g6 METER SERIAL: T150818701  
 ATMOSPHERIC PRESSURE: 13.63 METER RUN ID: 3.065"  
 ABS  GAUGE  
 PHYSICAL LOCATION OF STATIC PRESSURE: 0-250" H<sub>2</sub>O  
 UPSTREAM  DOWNSTREAM STATIC RANGE: 0-1000 PSI  
 SPECIFIC GRAVITY: .7093 TEMP RANGE: 0-150°F

NOTES: Payette County

Meter SN:	LATITUDE <u>44.050897°</u>		LONGITUDE <u>116.802662°</u>	
Tube SN:	PRODUCER <u>ALTA MESA</u>			
Fitting SN:	LEASE NAME <u>ML Inv. 1-11 LT</u>			
 Office: (406) 433-8949	STATION NO. <u>1D010007g6</u>		COUNTY <u>Payette</u>	
	SECTION	TOWNSHIP	RANGE	QUARTER
LINE SIZE	DIFF. <u>0-250</u>	STATIC <u>0-1000</u>	TEMP. <u>0-150</u>	ATMOS. PRESS. <u>13.4</u>
MISC.	<u>S.G. 0.693 / 0.7151</u>			SP CONN. <u>1051241</u>
ORIFICE SIZE	<u>1375</u>	<u>1375</u>		DP CUTOFF <u>0.50</u>
EFFECTIVE DATE	<u>Aug</u>			CONTRACT HOUR
BETA RATIO	<u>0.45</u>	<u>0.45</u>		INSTALLED BY
				<u>SP 220.11 OP 25.22</u>







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PRODUCER: Alta Mesa

METER MAKE: Totalflow

STATION NAME: ML 1-11LT

METER MODEL: 269 CS

UNIQUE #: FIT-111LTG

METER SERIAL: T150818704

ATMOSPHERIC PRESSURE: 13.63

METER RUN ID: 3.068"

ABS

GAUGE

PHYSICAL LOCATION OF STATIC PRESSURE

UPSTREAM

DOWNSTREAM

DIFF RANGE: 0-150" H<sub>2</sub>O

STATIC RANGE: 0-1000 PSI

SPECIFIC GRAVITY: .7132

TEMP RANGE: 0-150°F

NOTES: Payette County







Gravel stain on north side of compressor unit, looking west.



Secondary spill containment mat at west side of facility with corner tear, looking SW.



Detail of torn corner of auxiliary spill containment mat.