| Submit I Copy To Appropriate District | State of New Mexico | Form C-103 |
|--|---|---|
| <u>District 1</u> – (575) 393-6161 | Energy, Minerals and Natural Resources | Revised July 18, 2013 |
| 1625 N. French Dr., Hobbs, NM 88240 | | WELL API NO. |
| 10150100000000000000000000000000000000 | OIL CONSERVATION DIVISION | 5 Indicate Type of Lease |
| District III - (505) 334-6178 | 1220 South St. Francis Dr. | STATE FEE |
| District IV $-(505)$ 476-3460 | Santa Fe, NM 87505 | 6. State Oil & Gas Lease No. |
| 1220 S. St. Francis Dr., Santa Fe, NM | | NMNM-44453 |
| 87505 SUNDRY NOT | CES AND REPORTS ON WELLS | 7 Lease Name or Unit Agreement Name |
| (DO NOT USE THIS FORM FOR PROPO | SALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A | San Isidro 6 |
| DIFFERENT RESERVOIR. USE "APPLIC | CATION FOR PERMIT" (FORM C-101) FOR SUCH | |
| PROPOSALS.) | Gas Well 🗍 Other | 8. Well Number #16 |
| 2 Name of Operator | | 9 OGRID Number |
| Pride Energy Company | and BIV DIST 3 | 151323 |
| 3. Address of Operator | OIL CONS. DIA DIGHT | 10. Pool name or Wildcat |
| P.O. Box 701950, Tulsa, OK 7417 | 0 7 7017 | Rio Puerco |
| 4. Well Location | MAR 3 - 201 | |
| Unit Letter P: 660 feet fro | m the South line and 660 feet from the East line | |
| Section: 6 | Township: 20N Range: 2W | NMPM County: Sandoval |
| | 11. Elevation (Show whether DR, RKB, RT, GR, etc.) | |
| | KB: 7,104', GR: 7,091' | |
| | | |
| 12. Check A | Appropriate Box to Indicate Nature of Notice, | Report or Other Data |
| | | |
| NOTICE OF IN | ITENTION TO: SUB | SEQUENT REPORT OF: |
| PERFORM REMEDIAL WORK | PLUG AND ABANDON | K 🛛 ALTERING CASING 🗌 |
| | CHANGE PLANS | LLING OPNS. |
| | MULTIPLE COMPL | L JOB |
| | | |
| CLOSED-LOOP SYSTEM | | |
| 13 Describe proposed or comp | leted operations (Clearly state all pertinent details and | d give pertinent dates including estimated date |
| of starting any proposed we | rk) SEE RULE 19 15.7.14 NMAC. For Multiple Cor | npletions. Attach wellbore diagram of |
| proposed completion or rec | ompletion. | nprenons. Attach wenoore engrun of |
| F. F | | |
| Pride Energy Company has complete | ed the approved San Isidro #6-16 land farm remediation | n plan which was made in accordance with |
| OCD Rule 19.15.7.11, and the San I | sidro #6-16 land farm has reached the required closure | limits of 1,000 mg/kg Total Petroleum |
| Hydrocarbons (TPH) 50 mg/kg total | BTEX and 10 mg/kg Benzene. Please find attached Ha | Ill Environmental Analysis Laboratory's land |
| farm soil analysis report (report date | d 2/10/2017) and the subsurface analysis report (report | dated 3/10/2017). |
| | | |
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| | | |
| Spud Date: | Rig Release Date: | |
| Spud Date. | Rig Release Date. | |
| | | |
| I haraby partify that the information | above is two and correlate to the bast of an loss 1.1 | a and haliaf |
| I hereby certify that the information | above is true and complete to the best of my knowledge | e and belief. |
| | By: Matthew L. Pride, Gen By: Pride Droduction Co | Inc. Title: President 3/20/2017 |
| SIGNATURE Marten | TITLE | DATE |
| Matthew L. Pri | de mattp@pride-end | ergy.com (918) 524-9200 |
| Type or print name | E-mail address: | PHONE: |
| For State Use Only | ·CA | |
| ange X | and E MG | 2. 06.1. |

TITLE ENVIRONMENTAL SPEC DATE 3/30/17

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| APPROVED BY: | m | y | 1 |
|---------------------|------|-----|-----|
| Conditions of Appro | oval | ifa | y): |

Kelley Mason

From:Smith, Cory, EMNRD <Cory.Smith@state.nm.us>Sent:Wednesday, March 22, 2017 4:24 PMTo:Kelley MasonCc:Matt Pride; Fields, Vanessa, EMNRD; 'lvargo@blm.gov'Subject:RE: Pride Energy | San Isidro #6-16 Land Farm | Sandoval County, NM

Kelley,

OCD approved Prides request for alternative closure standards, please include this approval with your C-103 packet. Pride may now proceeded to spread/distribute the remaining onsite soils across the location or as required by the surface owners(BLM) within a timely manner.

If you have any additional questions please give me a call.

Cory Smith Environmental Specialist Oil Conservation Division Energy, Minerals, & Natural Resources 1000 Rio Brazos, Aztec, NM 87410 (505)334-6178 ext 115 cory.smith@state.nm.us

OIL CONS. DIV DIST. 3

MAR 2 7 2017

From: Kelley Mason [mailto:kelleym@pride-energy.com]
Sent: Wednesday, March 22, 2017 2:31 PM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Matt Pride <mattp@pride-energy.com>; Fields, Vanessa, EMNRD <Vanessa.Fields@state.nm.us>; 'lvargo@blm.gov'
<lvargo@blm.gov>
Subject: RE: Pride Energy | San Isidro #6-16 Land Farm | Sandoval County, NM

Good afternoon, Cory,

As we discussed on the phone today, the San Isidro #6-16 Land Farm vadose zone soil sample did show hints of Motor Oil Range Organics (MRO). However, Pride Energy requests for a variance on the land farm's closure limits due to low levels of mobility of MRO's. Pursuant to Pride Energy's efforts to address this situation in the most appropriate manner, it is my understanding that the remaining contamination on the wellsite of the San Isidro #6-16 does not pose a threat to fresh water supply, public health, or the environment.

Many thanks, Cory. Upon your approval, Pride Energy will proceed to send a C-103 and the corresponding soil analysis reports to your attention. In addition, we will spread the remaining soil over the site, as per the surface owner (BLM) guidelines

Best regards,

Kelley Mason Pride Energy Company 4641 E. 91st St.

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

March 16, 2017

Matt Pride Pride Energy Company PO Box 701950 Tulsa, OK 74170-1950 TEL: (918) 524-9200 FAX

OIL CONS. DIV DIST. 3 MAR 2 7 2017

RE: San Isidro 6-16

OrderNo.: 1703587

Dear Matt Pride:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/10/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report

Lab Order 1703587

Date Reported: 3/16/2017

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: Land Farm Bottom Soil CLIENT: Pride Energy Company San Isidro 6-16 Collection Date: 3/10/2017 10:15:00 AM **Project:** Lab ID: 1703587-001 Matrix: SOIL Received Date: 3/10/2017 3:11:00 PM **PQL** Qual Units Batch Result **DF** Date Analyzed Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: MAB Diesel Range Organics (DRO) 320 98 10 3/15/2017 12:28:37 PM 30662 mg/Kg 860 3/15/2017 12:28:37 PM 30662 Motor Oil Range Organics (MRO) 490 mg/Kg 10 Surr: DNOP 0 70-130 S %Rec 10 3/15/2017 12:28:37 PM 30662 Analyst: NSB **EPA METHOD 8015D: GASOLINE RANGE** Gasoline Range Organics (GRO) ND 48 3/14/2017 9:15:55 PM 30654 ma/Ka 1

| Subbilite Runge organics (Crite) | 110 | 1.0 | mgring | | 0.1.1.2011 0.10.001 111 | |
|----------------------------------|------|----------|--------|---|-------------------------|-------|
| Surr: BFB | 78.5 | 54-150 | %Rec | 1 | 3/14/2017 9:15:55 PM | 30654 |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: | NSB |
| Methyl tert-butyl ether (MTBE) | ND | 0.096 | mg/Kg | 1 | 3/14/2017 9:15:55 PM | 30654 |
| Benzene | ND | 0.024 | mg/Kg | 1 | 3/14/2017 9:15:55 PM | 30654 |
| Toluene | ND | 0.048 | mg/Kg | 1 | 3/14/2017 9:15:55 PM | 30654 |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 3/14/2017 9:15:55 PM | 30654 |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 3/14/2017 9:15:55 PM | 30654 |
| Surr: 4-Bromofluorobenzene | 86.2 | 66.6-132 | %Rec | 1 | 3/14/2017 9:15:55 PM | 30654 |
| | | | | | | |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Qualifiers:
- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 4
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

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| Client: Project: | Pride Ene San Isidro | ergy Compan o 6-16 | у | | | | | | | | |
|---------------------|-------------------------|-----------------------|--------------|-----------|-------------|----------|-----------|--------------|------------|------------|------|
| Sample ID | MB-30662 | SampTyp | e: Me | BLK | Test | Code: El | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | PBS | Batch II |): 30 | 662 | R | unNo: 4 | 1351 | | | | |
| Prep Date: | 3/13/2017 | Analysis Date | e: 3/ | 14/2017 | S | eqNo: 1 | 295843 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range (| Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Rang | e Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | | 8.8 | | 10.00 | | 87.7 | 70 | 130 | | | |
| Sample ID | LCS-30662 | SampTyp | e: LC | s | Test | Code: El | PA Method | 8015M/D: Die | esel Range | organics | |
| Client ID: | LCSS | Batch II |): 30 | 662 | R | unNo: 4 | 1351 | | | | |
| Prep Date: | 3/13/2017 | Analysis Date | e: 3/ | 14/2017 | S | eqNo: 1 | 295844 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range (| Organics (DRO) | 49 | 10 | 50.00 | 0 | 97.4 | 63.8 | 116 | | | |
| Surr: DNOP | | 4.4 | | 5.000 | | 87.3 | 70 | 130 | | | |
| Sample ID | LCS-30671 | SampTyp | e: LC | s | Test | Code: El | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | LCSS | Batch II |): 30 | 671 | R | unNo: 4 | 1353 | | | | |
| Prep Date: | 3/14/2017 | Analysis Date | e: 3/ | 14/2017 | S | eqNo: 1 | 295899 | Units: %Red | ; | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | | 4.5 | | 5.000 | | 90.1 | 70 | 130 | | | |
| Sample ID | MB-30671 | SampTyp | e: ME | BLK | Test | Code: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | PBS | Batch II |): 30 | 671 | R | unNo: 4 | 1353 | | | | |
| Prep Date: | 3/14/2017 | Analysis Date | e: 3/ | 14/2017 | S | eqNo: 1 | 295900 | Units: %Red | : | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

Surr: DNOP

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range

95.2

70

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- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 2 of 4

16-Mar-17

1703587

WO#:

Hall Environmental Analysis Laboratory, Inc.

| Client: Pride E Project: San Isi | Cnergy Comp dro 6-16 | bany | | | | | | | | |
|-------------------------------------|-------------------------|----------|-----------|-------------|-----------|-----------|-------------|-----------|----------|------|
| Sample ID MB-30654 | Samp | Гуре: МВ | BLK | Tes | tCode: El | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: PBS | Batc | h ID: 30 | 654 | F | RunNo: 4 | 1364 | | | | |
| Prep Date: 3/13/2017 | Analysis [| Date: 3/ | 14/2017 | S | SeqNo: 1 | 296623 | Units: mg/M | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 750 | | 1000 | | 74.8 | 54 | 150 | | | |
| Sample ID LCS-30654 | Samp | Type: LC | s | Tes | tCode: El | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: LCSS | Batc | h ID: 30 | 654 | F | RunNo: 4 | 1364 | | | | |
| Prep Date: 3/13/2017 | Analysis [| Date: 3/ | 14/2017 | 5 | SeqNo: 1 | 296624 | Units: mg/M | ٢g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 25 | 5.0 | 25.00 | 0 | 100 | 76.4 | 125 | | | |
| Surr: BFB | 980 | | 1000 | | 98.1 | 54 | 150 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

WO#: 1703587 16-Mar-17

Page 3 of 4

Hall Environmental Analysis Laboratory, Inc.

| Client: Pride Project: San Is | Energy Comp sidro 6-16 | any | | | | | | | | |
|----------------------------------|---------------------------|----------|-----------|-------------|-----------|-----------|-------------|-------|----------|------|
| Sample ID MB-30654 | SampT | ype: ME | BLK | Tes | tCode: El | PA Method | 8021B: Vola | tiles | | |
| Client ID: PBS | Batch | D: 30 | 654 | F | RunNo: 4 | 1364 | | | | |
| Prep Date: 3/13/2017 | Analysis D | ate: 3/ | 14/2017 | S | SeqNo: 1 | 296641 | Units: mg/k | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Methyl tert-butyl ether (MTBE) | ND | 0.10 | | | | | | | | |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.83 | | 1.000 | | 83.0 | 66.6 | 132 | | | |
| Sample ID LCS-30654 | SampT | ype: LC | S | Tes | tCode: El | PA Method | 8021B: Vola | tiles | | |
| Client ID: LCSS | Batch | n ID: 30 | 654 | F | RunNo: 4 | 1364 | | | | |
| Prep Date: 3/13/2017 | Analysis D | ate: 3/ | 14/2017 | S | SeqNo: 1 | 296642 | Units: mg/k | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Methyl tert-butyl ether (MTBE) | 0.85 | 0.10 | 1.000 | 0 | 84.7 | 66.5 | 120 | | | |
| Benzene | 0.97 | 0.025 | 1.000 | 0 | 97.1 | 80 | 120 | | | |
| Toluene | 0.98 | 0.050 | 1.000 | 0 | 98.5 | 80 | 120 | | | |
| Ethylbenzene | 0.99 | 0.050 | 1.000 | 0 | 99.0 | 80 | 120 | | | |
| Xylenes, Total | 3.0 | 0.10 | 3.000 | 0 | 101 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.84 | | 1.000 | | 83.7 | 66.6 | 132 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- % Recovery outside of range due to dilution or matrix S
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 4 of 4

- 16-Mar-17
- WO#: 1703587

| HALL Hall Envi ENVIRONMENTAL ANALYSIS LABORATORY TEL: 505 Websit | ronmental Analysis Laboratoi 4901 Hawkins N Albuquerque, NM 8710 -345-3975 FAX: 505-345-410 e: www.hallenvironmental.co | ⁷² ⁷⁶ ⁷⁹ Sam | ple Log-In Ch | eck List |
|--|---|--|--|------------------|
| Client Name: PRIDE ENERGY COMPA Work Orde | r Number: 1703587 | | RcptNo: 1 | |
| Received by/date: LM 03[101] | 7 | | | |
| Logged By: Andy Jansson 3/10/2017 3: Completed By: AND / SQNSSON 03 (10 (1) Reviewed By: | 11:00 PM 7 | and the | | |
| Chain of Custody | 7 | | • | |
| 1 Custody seals intact on sample bottles? | Yes | No 🗌 | Not Present | |
| 2. Is Chain of Custody complete? | Yes 🗹 | No 🗌 | Not Present | |
| 3. How was the sample delivered? | Client | | | |
| Log In | | | | |
| 4. Was an attempt made to cool the samples? | Yes 🖌 | No 🗌 | NA 🗆 | |
| 5. Were all samples received at a temperature of >0° C to 6. | 0°C Yes | No 🗹 | | |
| 6. Sample(s) in proper container(s)? | nples were collected the s Yes 🔽 | No 🗌 | d chilled. | |
| 7. Sufficient sample volume for indicated test(s)? | Yes 🗹 | No 🗌 | | |
| 8. Are samples (except VOA and ONG) properly preserved? | Yes 🖌 | No 🗌 | | |
| 9. Was preservative added to bottles? | Yes | No 🔽 | NA 🗌 | |
| 10.VOA vials have zero headspace? | Yes | No 🗌 | No VOA Vials | |
| 11. Were any sample containers received broken? | Yes | No 🗹 | | 1 |
| 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | Yes 🗹 | No 🗌 | # of preserved bottles checked for pH: (<2 or > | 12 unless noted) |
| 13. Are matrices correctly identified on Chain of Custody? | Yes 🗸 | No 🗌 | Adjusted? | |
| 14. Is it clear what analyses were requested? | Yes 🖌 | No 🗆 | | |
| 15. Were all holding times able to be met? (If no, notify customer for authorization.) | Yes 🗸 | No 🗌 | Checked by: | |
| Special Handling (if applicable) | | | | |
| 16. Was client notified of all discrepancies with this order? | Yes | No 🗌 | NA 🗹 | |
| Person Notified: By Whom: | Date Via: eMait Ph | one 🗌 Fax | In Person | |
| Client Instructions: | | | | |
| 17. Additional remarks: | | | | |
| 18. <u>Cooler Information</u> <u>Cooler No</u> <u>Temp °C</u> <u>Condition</u> <u>Seal Intact</u> <u>Sea</u> <u>1</u> 7.1 Good Not Present | al No Seal Date S | igned By | · | |
| Page 1 of 1 | | | | |

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| Client: | PRI | DE EI | NERGY COMPANY | Standard | □ Rush | | | | וייי נ ר | | | | | | | | DA. | TO | | |
| | | | | Project Nam | e: | | | | | | | | iron | | | | NA | | | |
| Mailing | Address | 2 | | SAN | ISIDRO | 6-18 | | 1004 | | www | w.nai | nenv | TOTI | nem | al.co | | 100 | | | |
| | <i>P.O. C</i> | OX TOT | 70 - 1950 | Project #: | BIDE ENC | mgy co | | 4901 | Haw | KINS I | NE - | AID | uque | erqu | e, N | M 87 | 109 | | | |
| | TALSA | OK . | 74170-1950 | LAND | FROM A | Bottom | | Tel. | 505-3 | 45-3 | 975 | F | ax | 505- | 345- | 4107 | | | | |
| Phone | #: /- q | 18-52 | <u>H-8200</u> | OFF 11 | ANZ FA | RM | | | | | | naly | /SIS | кеq | uesi | | | | | |
| email of | r Fax#: | - 918- 3 | 524 9272 | Project Mana | ager: PRIDE T | AULOR PRIDE | (1) | only | | | | | SO4 | S | | | | | | |
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| Date | Time | Matrix | Sample Request ID | Container | Preservative | HEAL NO | + | + | Met | Me | \$ (8; | 181 | s (F | Pes | S | (Sei | | | | lqq |
| Date | Time | Matrix | Sample Request ID | Type and # | Туре | 1702507 | ШЦ | Ě | Ë H | DB (| AH's | CR | noir | 181 | 260E | 023 | | | | BI |
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| | 10-3 | 1 | 1 and Iran | | 30/210 | -001 | X | 2 | < | | | | | | | | | | | |
| 3/10/1 | 7 10:15 | SOIL | BOTTOM SOIL | Spice | d | | | | | | | | | | | | | | | |
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| Date: | Time: | Relinquish | ed by: | Received by: | | Date Time | Rem | arks: | CA | mp | IE | | 10 | ~ | u | 1 | TR | om | , | |
| 3/10/17 | 3:11 | Are | e aragon | 4 | t re | IN A IGH | R | 77. | | sol | 2 | 00 | - 2 | ne | d | Ŧ, | AR | n | | |
| Date: | Time: | Relinquish | ed by: | Received by: | 6 L | Date Time | R | 81151 | Ted | By | N | 1.1 | 1.0 | ,C | , 10 | | | | | |
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| | | 1 | | | | | BL | m | wir | ALLE | 55 | 2 | ucu | 17 | (n | -g | 0 | | | |

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If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

February 16, 2017

Matt Pride Pride Energy Company PO Box 701950 Tulsa, OK 74170-1950 TEL: (918) 524-9200 FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: <u>www.hallenvironmental.com</u>

OIL CONS. DIV DIST. 3 MAR 2 7 2017

RE: San Isidro Land Farm San Doval CNT N.M.

OrderNo.: 1702556

Dear Matt Pride:

Hall Environmental Analysis Laboratory received 1 sample(s) on 2/10/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

San Isidro Land Farm San Doval CNT N.

CLIENT: Pride Energy Company

1702556-001

Project:

Lab ID:

Lab Order 1702556

Date Reported: 2/16/2017

Client Sample ID: Land Farm Collection Date: 2/9/2017 11:30:00 AM Matrix: SOIL Received Date: 2/10/2017 3:34:00 PM

| Analyses | Result | PQL Qu | al Units | DF | Date Analyzed | Batch |
|----------------------------------|----------|--------|----------|----|----------------------|-------|
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | 5 | | | Analyst | том |
| Diesel Range Organics (DRO) | 160 | 8.7 | mg/Kg | 1 | 2/15/2017 4:19:20 PM | 30186 |
| Motor Oil Range Organics (MRO) | 340 | 44 | mg/Kg | 1 | 2/15/2017 4:19:20 PM | 30186 |
| Surr: DNOP | 112 | 70-130 | %Rec | 1 | 2/15/2017 4:19:20 PM | 30186 |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst | NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 2/15/2017 2:57:55 PM | 30188 |
| Surr: BFB | 85.6 | 54-150 | %Rec | 1 | 2/15/2017 2:57:55 PM | 30188 |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 2/15/2017 2:57:55 PM | 30188 |
| Toluene | ND | 0.050 | mg/Kg | 1 | 2/15/2017 2:57:55 PM | 30188 |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 2/15/2017 2:57:55 PM | 30188 |
| Xylenes, Total | ND | 0.10 | mg/Kg | 1 | 2/15/2017 2:57:55 PM | 30188 |
| Surr: 4-Bromofluorobenzene | 102 | 80-120 | %Rec | 1 | 2/15/2017 2:57:55 PM | 30188 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Q | ua | li | fi | e | rs | : |
|---|----|----|----|---|----|---|
| | | | | | | |

*

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 5 J
- Ρ Sample pH Not In Range
- RL **Reporting Detection Limit**
- W Sample container temperature is out of limit as specified

Client:

| | Hall | Environmental | Analysis | Labo | oratory, | Inc. |
|--|------|---------------|----------|------|----------|------|
|--|------|---------------|----------|------|----------|------|

Pride Energy Company

| Project: | San Isidro | Land Far | m San | Doval CNT | N.M. | | | | | | |
|-----------------|----------------|------------|----------|-----------|-------------|----------|-----------|--------------|------------|------------|------|
| Sample ID | LCS-30186 | SampT | ype: L | cs | Tes | tCode: E | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: I | LCSS | Batch | 1D: 30 | 0186 | F | RunNo: 4 | 0704 | | | | |
| Prep Date: | 2/13/2017 | Analysis D | ate: 2 | 2/14/2017 | S | SeqNo: 1 | 275316 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Or | rganics (DRO) | 48 | 10 | 50.00 | 0 | 96.3 | 63.8 | 116 | | | |
| Surr: DNOP | | 4.6 | | 5.000 | 1010 | 91.7 | 70 | 130 | | | |
| Sample ID | MB-30186 | SampT | ype: M | BLK | Tes | tCode: E | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | PBS | Batch | 1D: 30 | 0186 | F | RunNo: 4 | 0704 | | | | |
| Prep Date: | 2/13/2017 | Analysis D | ate: 2 | 2/14/2017 | 5 | SeqNo: 1 | 275317 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Or | rganics (DRO) | ND | 10 |) | | | | | | | |
| Motor Oil Range | Organics (MRO) | ND | 50 |) | | | | | | | |
| Surr: DNOP | | 9.9 | | 10.00 | | 99.0 | 70 | 130 | | | |
| Sample ID | LCS-30214 | SampT | ype: L | cs | Tes | tCode: E | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: I | LCSS | Batch | 1 ID: 30 | 0214 | F | RunNo: 4 | 0742 | | | | |
| Prep Date: | 2/14/2017 | Analysis D | ate: 2 | 2/15/2017 | 5 | SeqNo: 1 | 276834 | Units: %Red | 0 | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | | 5.0 | | 5.000 | | 100 | 70 | 130 | | | |
| Sample ID | MB-30214 | SampT | ype: M | IBLK | Tes | tCode: E | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | PBS | Batch | 1D: 30 | 0214 | F | RunNo: 4 | 0742 | | | | |
| Prep Date: | 2/14/2017 | Analysis D | ate: 2 | 2/15/2017 | 5 | SeqNo: 1 | 276838 | Units: %Red | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | | 11 | | 10.00 | | 105 | 70 | 130 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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WO#: 1702556

16-Feb-17

Hall Environmental Analysis Laboratory, Inc.

940

| NO#: | 1 | 702 | 2556 |
|------|----|-----|------|
| | 14 | - | |

16-Feb-17

Client: Pride Energy Company **Project:** San Isidro Land Farm San Doval CNT N.M. Sample ID MB-30212 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range PBS Batch ID: 30212 RunNo: 40755 Client ID: Prep Date: Analysis Date: 2/15/2017 SeqNo: 1277539 Units: %Rec 2/14/2017 LowLimit Analyte Result SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual PQL Surr: BFB 850 1000 84.8 54 150 Sample ID LCS-30212 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 30212 RunNo: 40755 Prep Date: Units: %Rec Analysis Date: 2/15/2017 SeqNo: 1277540 2/14/2017 Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 930 1000 93.4 54 150 Sample ID MB-30188 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 30188 RunNo: 40755 Prep Date: 2/13/2017 Analysis Date: 2/15/2017 SeqNo: 1277553 Units: mg/Kg SPK value SPK Ref Val %REC Analyte Result PQL LowLimit HighLimit %RPD **RPDLimit** Qual ND 5.0 Gasoline Range Organics (GRO) Surr: BFB 840 1000 84.4 54 150 Sample ID LCS-30188 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 30188 RunNo: 40755 Prep Date: 2/13/2017 Analysis Date: 2/15/2017 SeqNo: 1277554 Units: mg/Kg SPK value Result PQL SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte LowLimit Qual Gasoline Range Organics (GRO) 29 5.0 25.00 0 115 76.4 125

1000

Oualifiers:

Surr: BFB

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Η
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range

94.3

54

150

- J Analyte detected below quantitation limits
- Page 3 of 5

Sample pH Not In Range RI. Reporting Detection Limit

P

W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

| Client: Project: | Pride En San Isidr | ergy Company o Land Farm | y San Doval CN1 | N.M. | | | | | |
|---------------------|---|-----------------------------|--------------------|-------------|---------------|------------------|------|----------|------|
| Sample ID | MB-30160 | SampType | e: MBLK | Test | Code: EPA Met | hod 8021B: Volat | iles | | |
| Client ID: F | PBS | Batch ID | 30160 | R | unNo: 40755 | | | | |
| Prep Date: | 2/10/2017 | Analysis Date | 2/15/2017 | S | eqNo: 1277569 | Units: %Red | | | |
| Analyte | | Result F | QL SPK value | SPK Ref Val | %REC LowLi | imit HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromo | fluorobenzene | 1.0 | 1.000 | | 101 | 80 120 | | | |
| Sample ID | LCS-30160 | SampType | E: LCS | Test | Code: EPA Met | hod 8021B: Volat | iles | | |
| Client ID: L | LCSS | Batch ID | 30160 | R | unNo: 40755 | | | | |
| Prep Date: | 2/10/2017 | Analysis Date | 2/15/2017 | S | eqNo: 1277570 | Units: %Red | | | |
| Analyte | | Result F | QL SPK value | SPK Ref Val | %REC LowLi | imit HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromo | fluorobenzene | 1.0 | 1.000 | | 104 | 80 120 | | | |
| Sample ID | MB-30212 | SampType | BLK | Test | Code: EPA Met | hod 8021B: Volat | iles | | |
| Client ID: | PBS | Batch ID | 30212 | R | unNo: 40755 | | | | |
| Prep Date: | 2/14/2017 | Analysis Date | 2/15/2017 | S | eqNo: 1277578 | Units: %Red | 2 | | |
| Analyte | | Result F | QL SPK value | SPK Ref Val | %REC LowLi | imit HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromo | fluorobenzene | 0.98 | 1.000 | | 98.0 | 80 120 | | | |
| Sample ID L | _CS-30212 | SampType | E LCS | Test | Code: EPA Met | hod 8021B: Volat | iles | | |
| Client ID: L | CSS | Batch ID | 30212 | R | unNo: 40755 | | | | |
| Prep Date: | 2/14/2017 | Analysis Date | 2/15/2017 | S | eqNo: 1277579 | Units: %Red | • | | |
| Analyte | | Result F | QL SPK value | SPK Ref Val | %REC LowLi | imit HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromo | fluorobenzene | 1.0 | 1.000 | | 103 | 80 120 | | | |
| Sample ID | MB-30188 | SampType | BLK | Test | Code: EPA Met | hod 8021B: Volat | iles | | |
| Client ID: F | PBS | Batch ID | 30188 | R | unNo: 40755 | | | | |
| Prep Date: | 2/13/2017 | Analysis Date | 2/15/2017 | S | eqNo: 1277585 | Units: mg/K | g | | |
| Analyte | | Result P | QL SPK value | SPK Ref Val | %REC LowLi | imit HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | ND 0 | .025 | | | | | | |
| Toluene | | ND 0 | .050 | | | | | | |
| Yvlenes Total | | ND U | 0.10 | | | | | | |
| Surr: 4-Bromo | fluorobenzene | 0.99 | 1.000 | | 98.9 | 80 120 | | | |
| Sample ID L | _CS-30188 | SampType | E LCS | Test | Code: EPA Met | hod 8021B: Volat | iles | | |
| Client ID: L | CSS | Batch ID | 30188 | R | unNo: 40755 | | | | |
| Prep Date: | 2/13/2017 | Analysis Date | 2/15/2017 | S | eqNo: 1277586 | Units: mg/K | g | | |
| Analyte | | Result P | QL SPK value | SPK Ref Val | %REC LowLi | imit HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - | 0.98 0 | 025 1.000 | 0 | 98.0 7 | 5.2 115 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

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WO#: 1702556

16-Feb-17

Hall Environmental Analysis Laboratory, Inc.

2.8

0.94

0.093

2.783

0.9276

0.01487

102

101

76.2

80

123

120

2.46

0

20

0

| Client: | Pride Ene | rgy Comp | any | | | | | | | | |
|----------------|-----------------|------------------------------|---|-----------|-------------|-------------|-----------|--------------|------|----------|------|
| Project: | San Isidro | Land Far | m San I | Doval CNT | N.M. | | | | | | |
| Sample ID | LCS-30188 | SampT | ype: LC | S | Tes | tCode: EF | PA Method | 8021B: Volat | iles | | |
| Client ID: | LCSS | Batch | ID: 30 | 188 | R | unNo: 4 | 0755 | | | | |
| Prep Date: | 2/13/2017 | Analysis D | alysis Date: 2/15/2017 SeqNo: 1277586 U | | | Units: mg/K | g | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Toluene | | 0.99 | 0.050 | 1.000 | 0 | 99.3 | 80.7 | 112 | | | |
| Ethylbenzene | | 0.97 | 0.050 | 1.000 | 0 | 97.2 | 78.9 | 117 | | | |
| Xylenes, Total | | 2.9 | 0.10 | 3.000 | 0 | 98.2 | 79.2 | 115 | | | |
| Surr: 4-Brom | nofluorobenzene | 0.99 | | 1.000 | | 99.0 | 80 | 120 | | | |
| Sample ID | 1702556-001AMS | SampT | ype: MS | 3 | Test | Code: EF | PA Method | 8021B: Volat | iles | | |
| Client ID: | Land Farm | Batch ID: 30188 RunNo: 40755 | | | | | | | | | |
| Prep Date: | 2/13/2017 | Analysis D | ate: 2/ | 15/2017 | S | eqNo: 1 | 277588 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | 0.92 | 0.023 | 0.9398 | 0 | 97.7 | 61.5 | 138 | | | |
| Toluene | | 0.96 | 0.047 | 0.9398 | 0.009920 | 101 | 71.4 | 127 | | | |
| Ethylbenzene | | 0.97 | 0.047 | 0.9398 | 0 | 103 | 70.9 | 132 | | | |
| Xylenes, Total | | 2.9 | 0.094 | 2.820 | 0.01487 | 103 | 76.2 | 123 | | | |
| Surr: 4-Brom | nofluorobenzene | 0.96 | | 0.9398 | | 103 | 80 | 120 | | | |
| Sample ID | 1702556-001AMSE | SampT | ype: MS | SD | Test | Code: EF | PA Method | 8021B: Volat | iles | | |
| Client ID: | Land Farm | Batch | ID: 30 | 188 | R | unNo: 4 | 0755 | | | | |
| Prep Date: | 2/13/2017 | Analysis D | ate: 2/ | 15/2017 | S | eqNo: 1 | 277589 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | 0.90 | 0.023 | 0.9276 | 0 | 96.8 | 61.5 | 138 | 2.30 | 20 | |
| Toluene | | 0.93 | 0.046 | 0.9276 | 0.009920 | 98.9 | 71.4 | 127 | 3.20 | 20 | |
| Ethylbenzene | | 0.94 | 0.046 | 0.9276 | 0 | 102 | 70.9 | 132 | 2.41 | 20 | |

Qualifiers:

Xylenes, Total

Surr: 4-Bromofluorobenzene

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
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- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- W Sample container temperature is out of limit as specified

| Pa | ap | 5 | of | F 5 |
|-----|----|---|----|-----|
| I a | SC | 2 | U | 5 |

16-Feb-17

WO#: 1702556

| HALL ENVIRONMENTAL ANALYSIS LABORATORY | Hall Environmental A Albu TEL: 505-345-3975 I Website: www.hali | Inalysis 4901 querqui FAX: 50 lenviros | s Laboratory Hawkins NE e, NM 87109 05-345-4107 nmental.com | Sam | ample Log-In Check List | | | | | |
|---|---|--|---|-----------------------------|---|-------------------|--|--|--|--|
| Client Name: PRIDE ENERGY COMPA | Work Order Number: | 17025 | 556 | | RcptNo: | 1 | | | | |
| Received by/date: QT | 02/10/17 | | | | | | | | | |
| Logged By: Andy Jansson Completed By: Andy Jansson | 2/10/2017 3:34:00 PM 02 1 3 1 7 | | ar | NACON | | | | | | |
| Reviewed By: | 02/13/17 | | | | | | | | | |
| Chain of Custody | | | | | | | | | | |
| 1. Custody seals intact on sample bottles? | | Yes | | No 🗌 | Not Present | | | | | |
| 2. Is Chain of Custody complete? | | Yes | \checkmark | No 🛄 | Not Present | | | | | |
| 3. How was the sample delivered? | | Clien | <u>t</u> | | | | | | | |
| Log In | | | | | | | | | | |
| 4. Was an attempt made to cool the samples? | , | Yes | \checkmark | No 🗌 | NA 🗌 | | | | | |
| 5. Were all samples received at a temperature | of >0° C to 6.0°C | Yes | | No 🗌 | NA 🗌 | | | | | |
| 6. Sample(s) in proper container(s)? | | Yes | | No 🗌 | | | | | | |
| 7. Sufficient sample volume for indicated test(s | s)? | Yes | | No 🗌 | | | | | | |
| 8. Are samples (except VOA and ONG) proper | ly preserved? | Yes | | No 🗌 | | | | | | |
| 9. Was preservative added to bottles? | , | Yes | | No 🗹 | NA 🗆 | | | | | |
| 10.VOA vials have zero headspace? | | Yes | | No 🗌 | No VOA Vials 🗹 | | | | | |
| 11. Were any sample containers received broke | en? | Yes | | No 🗹 | # of preserved | | | | | |
| 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | | Yes | \checkmark | No 🗆 | for pH: (<2 or | >12 unless noted) | | | | |
| 13. Are matrices correctly identified on Chain of | Custody? | Yes | | No 🗌 | Adjusted? | | | | | |
| 14. Is it clear what analyses were requested? | | Yes | | No 🗆 | | | | | | |
| 15. Were all holding times able to be met? (If no, notify customer for authorization.) | | Yes | | No 🗌 | Checked by: | | | | | |
| Special Handling (if applicable) | | | | | | | | | | |
| 16. Was client notified of all discrepancies with t | this order? | Yes | | No 🗌 | NA 🗹 | | | | | |
| Person Notified: | Date | n Antonio Antonio da la | | NIN-CONTRACTOR | | | | | | |
| By Whom: | Via: | eMa | il 🗌 Phon | e 🗌 Fax | In Person | | | | | |
| Regarding: | | | 1994 - La Gold and an | | | | | | | |
| Client Instructions: | nternetene. Zetene effene terneteneten en de terneten de terneten de terneten de terneten de terneten de ternet | CARGANGIA. | INDER BURDEN CARDEN | 8.0000.000.000.000.000.0000 | and descriptions of a construction of the second | | | | | |
| 17. Additional remarks: | | | | | | | | | | |
| 18. Cooler Information | | | | | | | | | | |
| Cooler No Temp °C Condition Se | eal Intact Seal No S | eal Da | ate Sig | ned By | | | | | | |
| | | | | | | | | | | |

Page 1 of 1

| C | hain- | of-Cu | stody Record | Turn-Around | Time: | | | | | | | | | | | 0 | | | | | |
|----------------------------------|------------------------|------------|---------------------------|------------------------------|----------------------|--|------------|-------------|-----------|------------|------------|-------------|-----------|-----------------|--------------|------------|-------------|-----|---|-------|-------------|
| Client: | PRID | 5 E | VERGY COMPANY | Standard | 🗆 Rush | <u>1</u> | | Charles and | | | | | | 1 V V | 2 I 2 I | | | | | AL | / |
| | 11110 | | | Project Name | PRIDE 2 | ENERL Canpon | | | | | | v hal | lenv | ironr | ment | tal co | | | | | 1 |
| Mailing | Address | PA | Bay JAIEFA | SANTIS | 1000 Li | AND FARM V | Γ | 10 | าาษ | awki | ne N | | | | erqui | | M 87 | 109 | | | |
| -1. | āl ca | Dh | 74107 | Project #: | IOLAC CA | 1 14/14 | | Te | 1 50 | 5-34 | 5_30 | A75 | F | av | 505- | 345 | 4107 | 7 | | | |
| Phone | #: 91 | 8-5 | 2.4-97.00 | SANT | sideo la | -16 | | | . 00 | 0-04 | 0-01 | A | naly | sis | Req | ues | t | | | | |
| email or | r Fax#.9 | 185 | 24 9292 | Project Mana | | LOR PRIDE | | (yl | Ô | | | | | (4) | | | | | | | \square |
| QA/QC | Package: | KEILEY | ma fring ENERY. | an MA | T PRIO | e | 3021 | IS OF | / WE | | | ŝ | | 4,SC | CB's | | | | | | |
| □ Stan | dard | | Level 4 (Full Validation) | KEL | ly mas | em | s) (8 | 9 G | R0 | | | SIM | | PO, | 2 PC | | | | | | |
| Accredi | tation AP | Othe | er . | Sampler. | they MA | m | TMB | TPH | 0/0 | 8.1) | 4.1) | 1270 | | NON | 808 | | | | | | Î |
| | (Type) | _ outo | | Sample Tem | | 5.6 Commence | 3E + | + 8 | (GR(| d 41 | d 50 |) or 8 | tals | NO ³ | des | 2 | VOA | | | | (Y or |
| Date | Time Mm | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEALNO 101556 | BTEX + MTE | BTEX + MTB | TPH 8015B | TPH (Metho | EDB (Metho | PAH's (8310 | RCRA 8 Me | Anions (F,CI | 8081 Pestici | 8260B (VOA | 8270 (Semi- | | | | Air Bubbles |
| 2/4/17 | 11,-30 | Soil | LAND FARM | 402 | TCE | -001 | × | | X | - | | | | | | | | | | | \square |
| | | | | | | - | | | | | | | | | | | | | | | \square |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | _ | | | | | | | | \pm | |
| | | | | | | | | | | _ | _ | | | | | | | | | | |
| | | | | | | | | | _ | _ | | | | | | | | | 8 | | |
| | | | | | | | | | | - | | _ | | _ | | | | | | | + |
| Date: 2 9/[1 Date: | Time: 1534 Time: | Relinquish | ed by: my limpe | Received by: Received by: | And | Date Time OZ (1017) 1534 Date Time | Ren | narks | m^{1} | JI | '+n | 120 | en | 5 | By 1 | /// | neg | 15 | e | | |
| | 1 | | | | 5. | | | | | l | 34 | Z | FA | | AA | PA | for | - | | | |

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If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

October 27, 2016

Kelley Mason Pride Energy Company PO Box 701950 Tulsa, OK 74170-1950 TEL: (918) 524-9200 FAX

RE: Pride Energy Company San Isidro 6-16

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OIL CONS. DIV DIST. 3

MAR 2 7 2017

OrderNo.: 1610675

Dear Kelley Mason:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/12/2016 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued October 20, 2016.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 1610675

Date Reported: 10/27/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pride Energy Company

1610675-001

Lab ID:

Project: Pride Energy Company San Isidro 6-16

boratory, Inc.

Client Sample ID: San Isidro 6-16 Collection Date: 10/12/2016 9:50:00 AM Received Date: 10/12/2016 5:15:00 PM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|----------------------------------|---------|----------|------|-------|----|-----------------------|-------|
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANIC | S | | | _ | Analyst | том |
| Diesel Range Organics (DRO) | 730 | 100 | | mg/Kg | 10 | 10/17/2016 8:53:46 PM | 28076 |
| Motor Oil Range Organics (MRO) | 1200 | 500 | | mg/Kg | 10 | 10/17/2016 8:53:46 PM | 28076 |
| Surr: DNOP | 0 | 70-130 | S | %Rec | 10 | 10/17/2016 8:53:46 PM | 28076 |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | | Analyst | NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 10/18/2016 4:56:37 PM | 28066 |
| Surr: BFB | 83.2 | 68.3-144 | | %Rec | 1 | 10/18/2016 4:56:37 PM | 28066 |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst | NSB |
| Methyl tert-butyl ether (MTBE) | ND | 0.099 | | mg/Kg | 1 | 10/19/2016 1:16:08 PM | 28066 |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 10/19/2016 1:16:08 PM | 28066 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 10/19/2016 1:16:08 PM | 28066 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 10/19/2016 1:16:08 PM | 28066 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 10/19/2016 1:16:08 PM | 28066 |
| Surr: 4-Bromofluorobenzene | 97.8 | 80-120 | | %Rec | 1 | 10/19/2016 1:16:08 PM | 28066 |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | В | Analyte detected in the associated Method Blank |
|-------------|----|---|----|---|
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | Н | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits Page 1 of 4 |
| | ND | Not Detected at the Reporting Limit | Р | Sample pH Not In Range |
| | R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| | S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |
| | | | | |

| Hall Environmenta | l Analysis | Labora | tory, | Inc. |
|-------------------|------------|--------|-------|------|
|-------------------|------------|--------|-------|------|

| Client: Pride En | ergy Compar | ıy | | | | | | | | |
|--------------------------------|--------------|--------|--------------|-------------|-----------|-----------|-------------|-----------|------------|------|
| Project: Pride En | ergy Compar | iy Sar | n Isidro 6-1 | 6 | | | | | | |
| Sample ID MB-28076 | SampTyp | e: ME | BLK | Tes | tCode: El | PA Method | 8015M/D: Di | esel Rang | e Organics | |
| Client ID: PBS | Batch II | D: 28 | 076 | F | RunNo: 3 | 7981 | | | | |
| Prep Date: 10/14/2016 | Analysis Dat | e: 10 | 0/17/2016 | S | eqNo: 1 | 184449 | Units: mg/M | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 8.6 | | 10.00 | | 85.7 | 70 | 130 | | | |
| Sample ID LCS-28076 | SampTyp | e: LC | S | Tes | tCode: El | PA Method | 8015M/D: Di | esel Rang | e Organics | - |
| Client ID: LCSS | Batch II | D: 28 | 076 | F | RunNo: 3 | 8007 | | | | |
| Prep Date: 10/14/2016 | Analysis Dat | e: 10 | 0/18/2016 | S | SeqNo: 1 | 184792 | Units: mg/k | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 45 | 10 | 50.00 | 0 | 89.2 | 62.6 | 124 | | | |
| Surr: DNOP | 4.4 | | 5.000 | | 88.8 | 70 | 130 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Sample pH Not In Range Р
- RL **Reporting Detection Limit**
- W Sample container temperature is out of limit as specified

Page 2 of 4

27-Oct-16

WO#: 1610675

Hall Environmental Analysis Laboratory, Inc.

WO#: 1610675

Page 3 of 4

27-Oct-16

| Client: Pride En | ergy Compa | any | | | | | | | | |
|-------------------------------|------------|---------|------------|-------------|-----------|-----------|-------------|-----------|----------|------|
| Project: Pride En | ergy Compa | any Sar | Isidro 6-1 | 6 | | | | | | |
| Sample ID MB-28066 | SampT | ype: ME | BLK | Test | Code: El | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: PBS | Batch | ID: 28 | 066 | R | anNo: 3 | 7988 | | | | |
| Prep Date: 10/14/2016 | Analysis D | ate: 10 |)/17/2016 | S | eqNo: 1 | 184548 | Units: mg/k | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 810 | | 1000 | | 81.3 | 68.3 | 144 | | | |
| Sample ID LCS-28066 | SampT | ype: LC | S | Tes | tCode: El | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: LCSS | Batch | ID: 28 | 066 | R | anNo: 3 | 7988 | | | | |
| Prep Date: 10/14/2016 | Analysis D | ate: 10 |)/17/2016 | S | SeqNo: 1 | 184549 | Units: mg/k | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 26 | 5.0 | 25.00 | 0 | 103 | 74.6 | 123 | | * | |
| Surr: BFB | 890 | | 1000 | | 89.4 | 68.3 | 144 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
 - P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

.

| Hall Environmenta | l Analysis | Laboratory, | Inc. |
|-------------------|------------|-------------|------|
|-------------------|------------|-------------|------|

| Client: Pride | Energy Comp | oany | | | | | | | | |
|--------------------------------|-------------|----------|--------------|-------------|----------|-----------|-------------|-------|----------|------|
| Project: Pride | Energy Comp | any Sar | n Isidro 6-1 | 6 | | | | | | |
| Sample ID MB-28066 | SampT | Type: ME | BLK | Tes | tCode: E | PA Method | 8021B: Vola | tiles | | |
| Client ID: PBS | Batch | h ID: 28 | 066 | R | RunNo: 3 | 7988 | | | | |
| Prep Date: 10/14/2016 | Analysis D | Date: 10 | 0/17/2016 | S | SeqNo: 1 | 184561 | Units: mg/M | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Methyl tert-butyl ether (MTBE) | ND | 0.10 | | | | | | | | |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.95 | | 1.000 | | 94.8 | 80 | 120 | | | |
| Sample ID LCS-28066 | SampT | Type: LC | S | Tes | tCode: E | PA Method | 8021B: Vola | tiles | | |
| Client ID: LCSS | Batch | h ID: 28 | 066 | R | RunNo: 3 | 7988 | | | | |
| Prep Date: 10/14/2016 | Analysis D | Date: 10 | 0/17/2016 | S | SeqNo: 1 | 184562 | Units: mg/M | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Methyl tert-butyl ether (MTBE) | 0.90 | 0.10 | 1.000 | 0 | 89.7 | 65.7 | 116 | | | |
| Benzene | 0.93 | 0.025 | 1.000 | 0 | 92.6 | 75.2 | 115 | | | |
| Toluene | 0.96 | 0.050 | 1.000 | 0 | 96.1 | 80.7 | 112 | | | |
| Ethylbenzene | 0.99 | 0.050 | 1.000 | 0 | 98.6 | 78.9 | 117 | | | |
| Xylenes, Total | 2.9 | 0.10 | 3.000 | 0 | 97.9 | 79.2 | 115 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 101 | 80 | 120 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits J
- Ρ Sample pH Not In Range

RL **Reporting Detection Limit**

W Sample container temperature is out of limit as specified Page 4 of 4

WO#: 1610675

27-Oct-16

| ANALYSIS LABORATORY Webs | 4201 Haseku Albuquerquo, NM 8 15-345-3975 FAX; 505-345- ite: www.hallenvironmenta | 17709 Sam 4102 Leom | ple Log-In Chec | k List |
|--|--|----------------------------------|-----------------------------------|-------------|
| Client Name: PRIDE ENERGY COMPA Work Ord | er Number: 1610675 | | RcptNo: 1 | |
| teceived by/date: AC 10/ | 12/16 | | | |
| ogged By: Ashley Gallegos 10/12/2016 | 5:15:00 PM | AZ | | |
| completed By: Ashley Gallegos 10/13/2016 | 7:57:29 PM | Ar | | |
| teviewed By: TC 10/14/16 | | 540 | | |
| hain of Custody | | | | |
| 1 Custody seals intact on sample bottles? | Yes | No | Not Present | |
| 2. Is Chain of Custody complete? | Yes 🖌 | No | Not Present | |
| How was the sample delivered? | Client | | | |
| .og In | | | | |
| 4. Was an attempt made to cool the samples? | Yes 🖌 | No | NA 🗌 | |
| 5. Were all samples received at a temperature of >0° C to t | 5.0°C Yes 🗹 | No | | |
| 3. Sample(s) in proper container(s)? | Yes 🗹 | No | | |
| 7. Sufficient sample volume for indicated test(s)? | Yes 🖌 | No 🗌 | | |
| 3. Are samples (except VOA and ONG) properly preserved? | Yes 🖌 | No 🗔 | | |
| 9. Was preservative added to bottles? | Yes | No 🗹 | NA 🗌 | |
| 0. VOA vials have zero headspace? | Yes | No 🗌 | No VOA Vials 🗹 | |
| 1. Were any sample containers received broken? | Yes | No 🖌 | # of preserved bottles checked | |
| 2. Does paperwork match bottle labels? | Yes 🖌 | No | for pH: | |
| (Note discrepancies on chain of custody) 3. Are matrices correctly identified on Chain of Custody2 | Vac V | No 🗍 | Adjusted? | umess noted |
| 4. Is it clear what analyses were requested? | Yes V | No 🗌 | | |
| 5. Were all holding times able to be met? (If no, notify customer for authorization.) | Yes 🖌 | No [] | Checked by: | |
| pecial Handling (if applicable) | | | | |
| 6. Was client notified of all discrepancies with this order? | Yes [] | No | NA 🗹 | |
| Person Notified: | Date | | | |
| By Whom | Via: 🗌 eMail 🛄 | Phone 🔄 Fax | In Person | |
| Regarding: | | | | |
| Client Instructions: | | | | |
| r - nuurunar remarks. | | | | |
| 8. Cooler Information Cooler No. Temp °C. Condition Seat Intert S. | al No Seal Data | Signed Bu | | |
| Contention French o Footballon Dear made S | oai IVU Jedi Lidte | orgined by | | |

| С | hain | -of-Cu | stody Record | Turn-Around | Time: | | | | | | | | - | | | ~ | | | TA | |
|------------------------|----------|-------------|--------------------------|-------------------------|----------------------|--------------|-----------|-----------|------------------|-------------------|-----------|------------|-----------|-------------|-------------|-----------|------------|------|-----|-------------|
| ient: | Pain | E A | NERCH COMM | tandard | C Rush | | | | | | M | | | | | | | | IA | |
| | MINE | <u> </u> | d'all | Project Narge | 3. ~ | | | | | 24 | | | 1. | >1- | | | | NA I | Un | A. B |
| ailing | Address | Dne | TA IGAD | | RIDE EN | en angry | | 10 | | | www | v.11ai | AIL | IIOIII | nem | - N | 1407 | 400 | | |
| | T | 1.00 | 6 74170 - 19 | Project #: | sineo c | -16 | | 49 | | awki | IIS N | | AID | uqui | erdu | 8, N | 10 01 | 100 | | |
| | ALS | A 0 | <u> 17/10 - 17.</u> | C SA | NISID | 20 6-16 | | 16 | H. 50 | 15-34 | 5-35 | 1/5 A | nalv | ax | Pag | 345 | -4107 + | | | |
| noilo | #: 7 | 918 | EJU 9797 | Project Mana | NC TI | ram | | 5 | 6 | | | | nary | -313 | neq | ues | • | | | |
| A/001 | Packane. | 110 - | 101 1010 | Fiojectiviana | Sell | ey MASa | 121) | on | MR | | | _ | | SO. | 3'S | | | | | |
| Stan | idard | | Level 4 (Full Validation | 1) | | / | (80 | Gas | 20 | | | SMI | | PO. | PCI | | | | | |
| ccredi | itation | | | Sampler: | Telm. | ARALI | VB's | H | DR | - | - | 0 S | | 102,1 | 082 | | | | | ~ |
| NEL | AP | C Othe | ٢ | On Ice: | Teres | □ No | II + | F + | õ | 18.1 | 04. | 827 | | 03,N | 5/8 | | (Y) | | | or N |
| EDD | (Type) | 1 | | Sample Tem | perature: | 4.9 | BE | BE | 0 | od 4 | od 5 | 0 01 | etals | N'N | cides | Ŷ | 07-1 | | | 2 |
| Date | Time | Matrix | Sample Request II | Container Type and # | Preservative Type | HEAL NO. | BTEX + MT | BTEX + MI | TPH 8015B | TPH (Metho | EDB (Meth | PAH's (831 | RCRA 8 Me | Anions (F.C | 3081 Pestic | 3260B (VO | 3270 (Sem | | | Air Bubbles |
| 12/1 | 599 | soil | LAND FARM | 402 | ON ICP | 001 | X | | X | | _ | _ | | - | | | | | - | |
| 1. | | | San Isidra | | | | | | | | | | | | | | | | | |
| | | | 6-16 | | | | | | | | | | | | | | | | | |
| | | | Ma 10/27/16 | | - | | | | | | | | | | | | | | | |
| | | | per Kelley | 1 | | | | 1 | | | | | | | | | | | | |
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| ite: | Time | Relinquishe | ed by: | Received by: | 1 | Date Time 17 | Ren | narks | s: , | 501 | 1 | 5 | 'A' | 2 | IA. | / | I | | | Ter |
| 2/11. | 17:15 | An | m Anna | -61 | > | 10/12/10 +6 | F4 | 201 | ri | 10 | 5 | R | 1 | 1 | A | PA | 14 | - 20 | wer | -ALD |
| ke: 1 | Time | Renguine | id by: | Received by: | X | Date Time | 1 | K- | j | R | | n | J. | 7. | SID | 1 | 4 | 0 | CL | Re. |
| | 6 | r | | | () | | 0 | ne. | C | J | 7 | | 1 | - | | 81 | 49 | An | - | 17 |

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

September 12, 2016

Matt Pride Pride Energy Company PO Box 701950 Tulsa, OK 74170-1950 TEL: (918) 524-9200 FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OIL CONS. DIV DIST. 3 MAR 2 7 2017

RE: San Isidro 12-10 San Isidro 6-16

OrderNo.: 1607534

Dear Matt Pride:

Hall Environmental Analysis Laboratory received 2 sample(s) on 7/11/2016 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued July 19, 2016.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 1607534

Date Reported: 9/12/2016

Hall Environmental Analysis Laboratory, Inc.

San Isidro 12-10 San Isidro 6-16

CLIENT: Pride Energy Company

Project:

Client Sample ID: San Isidro 12-10 Collection Date: 7/11/2016 10:00:00 AM Received Date: 7/11/2016 12:40:00 PM

| Lab ID: 1607534-001 | Matrix: | SOIL | Received | Date: 7/11/20 | 16 12:40:00 PM |
|----------------------------------|---------|----------|----------|---------------|----------------------|
| Analyses | Result | PQL Qua | Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANIC | S | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 1100 | 96 | mg/Kg | 10 | 7/14/2016 3:45:08 PM |
| Motor Oil Range Organics (MRO) | 1900 | 480 | mg/Kg | 10 | 7/14/2016 3:45:08 PM |
| Surr: DNOP | 0 | 70-130 S | %Rec | 10 | 7/14/2016 3:45:08 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 7/15/2016 4:39:21 PM |
| Surr: BFB | 100 | 80-120 | %Rec | 1 | 7/15/2016 4:39:21 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 7/15/2016 4:39:21 PM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 7/15/2016 4:39:21 PM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 7/15/2016 4:39:21 PM |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 7/15/2016 4:39:21 PM |
| Surr: 4-Bromofluorobenzene | 95.0 | 80-120 | %Rec | 1 | 7/15/2016 4:39:21 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Value above quantitation range E
- Analyte detected below quantitation limits Page 1 of 5 J
- Ρ Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analytical Report Lab Order 1607534 Date Reported: 9/12/2016

Hall Environmental Analysis Laboratory, Inc.

San Isidro 12-10 San Isidro 6-16

CLIENT: Pride Energy Company

Project:

Client Sample ID: San Isidro 6-16 Collection Date: 7/11/2016 10:45:00 AM Received Date: 7/11/2016 12:40:00 PM

| Lab ID: 1607534-002 | Matrix: | SOIL | | Received D | ate: 7/11/2 | 016 12:40:00 PM |
|---------------------------------|------------|--------|------|------------|-------------|----------------------|
| Analyses | Result | PQL (| Qual | Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS | ; | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 410 | 99 | | mg/Kg | 10 | 7/14/2016 4:29:42 PM |
| Motor Oil Range Organics (MRO) | 1200 | 490 | | mg/Kg | 10 | 7/14/2016 4:29:42 PM |
| Surr: DNOP | 0 | 70-130 | S | %Rec | 10 | 7/14/2016 4:29:42 PM |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 7/15/2016 5:50:03 PM |
| Surr: BFB | 97.6 | 80-120 | | %Rec | 1 | 7/15/2016 5:50:03 PM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/15/2016 5:50:03 PM |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 7/15/2016 5:50:03 PM |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 7/15/2016 5:50:03 PM |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 7/15/2016 5:50:03 PM |
| Surr: 4-Bromofluorobenzene | 94.3 | 80-120 | | %Rec | 1 | 7/15/2016 5:50:03 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix S
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 2 of 5 J
- Ρ Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Client:

Hall Environmental Analysis Laboratory, Inc.

| Y | |
|----------------------------------|--|
| Pride Energy Company | |
| San Isidro 12-10 San Isidro 6-16 | |

| Project: San Isid | ro 12-10 Sa | n Isidro | 6-16 | | | | | | | |
|--|--|--|-------------------------------------|------------------------------|---|---|---|-------------------------|------------------------|------|
| Sample ID LCS-26377 | SampT | ype: LC | s | Tes | tCode: El | PA Method | 8015M/D: Di | esel Rang | e Organics | |
| Client ID: LCSS | Batch | Batch ID: 26377 RunNo: 35683 | | | | | | | | |
| Prep Date: 7/13/2016 | Analysis D | ate: 7/ | 14/2016 | S | SeqNo: 1 | 105643 | Units: mg/h | ٢g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 51 | 10 | 50.00 | 0 | 101 | 62.6 | 124 | | | |
| Surr: DNOP | 4.7 | | 5.000 | | 94.1 | 70 | 130 | | | |
| Sample ID MB-26377 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | | | |
| Sample ID MB-26377 | SampT | ype: ME | BLK | Tes | tCode: El | PA Method | 8015M/D: Di | esel Rang | e Organics | |
| Sample ID MB-26377 Client ID: PBS | SampT Batch | ype: ME | 317 | Tes F | tCode: El | PA Method 5683 | 8015M/D: Di | esel Rang | e Organics | |
| Sample ID MB-26377 Client ID: PBS Prep Date: 7/13/2016 | SampT Batch Analysis D | ype: ME DID: 26 Pate: 7/ | 3LK 377 14/2016 | Tes F | tCode: El RunNo: 3 SeqNo: 1 | PA Method 5683 105644 | 8015M/D: Di Units: mg/H | esel Rango | e Organics | |
| Sample ID MB-26377 Client ID: PBS Prep Date: 7/13/2016 Analyte | SampT Batch Analysis D Result | ype: ME 1 ID: 26 ate: 7/ PQL | 3LK 377 14/2016 SPK value | Tes F S SPK Ref Val | tCode: El RunNo: 3 SeqNo: 1 %REC | PA Method 5683 105644 LowLimit | 8015M/D: Di Units: mg/F HighLimit | esel Rang (g %RPD | e Organics RPDLimit | Qual |
| Sample ID MB-26377 Client ID: PBS Prep Date: 7/13/2016 Analyte Diesel Range Organics (DRO) | SampT Batch Analysis D Result ND | ype: ME n ID: 26 pate: 7/ PQL 10 | 3177 377 14/2016 SPK value | Tes F S SPK Ref Val | tCode: El RunNo: 3 SeqNo: 1 %REC | PA Method 5683 105644 LowLimit | 8015M/D: Di Units: mg/H HighLimit | esel Rang (g %RPD | e Organics RPDLimit | Qual |
| Sample ID MB-26377 Client ID: PBS Prep Date: 7/13/2016 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) | SampT Batch Analysis D Result ND ND | ype: ME n ID: 26 Pate: 7/ PQL 10 50 | 3LK 377 14/2016 SPK value | Tes F SPK Ref Val | tCode: El RunNo: 3 SeqNo: 1 %REC | PA Method 5683 105644 LowLimit | 8015M/D: Di Units: mg/H HighLimit | esel Rang (g %RPD | e Organics RPDLimit | Qual |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 3 of 5

WO#: 1607534

12-Sep-16

| Hall | Environmental | Analysis | Laboratory. | , Inc. |
|------|---------------|----------|-------------|--------|
|------|---------------|----------|-------------|--------|

WO#: 1607534 12-Sep-16

Page 4 of 5

Client:Pride Energy CompanyProject:San Isidro 12-10 San Isidro 6-16

| Sample ID MB-26374 | Samp1 | SampType: MBLK TestCode: EPA Method | | | | | 8015D: Gaso | line Rang | e | |
|--|--|--|---|-----------------------------------|--|---|--|--------------------------|---------------|------|
| Client ID: PBS | Batcl | h ID: 26 | 374 | F | RunNo: 3 | 5744 | | | | |
| Prep Date: 7/13/2016 | Analysis E | Date: 7/ | 15/2016 | S | SeqNo: 1 | 105954 | Units: mg/k | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) Surr: BFB | ND 970 | 5.0 | 1000 | | 96.9 | 80 | 120 | | | |
| | | | | | | | | | | |
| Sample ID LCS-26374 | SampT | Type: LC | S | Tes | tCode: El | PA Method | 8015D: Gaso | line Rang | 9 | |
| Sample ID LCS-26374 Client ID: LCSS | Samp1 Batcl | Гуре: LC h ID: 26 | :S 374 | Tes | tCode: El RunNo: 3 | PA Method 5744 | 8015D: Gasc | line Rang | 9 | |
| Sample ID LCS-26374 Client ID: LCSS Prep Date: 7/13/2016 | Samp1 Batcl Analysis D | Гуре: LC h ID: 26 Date: 7/ | S 374 15/2016 | Tes F | tCode: El RunNo: 3 SeqNo: 1 | PA Method 5744 105955 | 8015D: Gaso Units: mg/M | oline Rang | 0 | 3 |
| Sample ID LCS-26374 Client ID: LCSS Prep Date: 7/13/2016 Analyte | Samp1 Batcl Analysis I Result | Type: LC h ID: 26 Date: 7/ PQL | 374 15/2016 SPK value | Tes F S SPK Ref Val | tCode: El RunNo: 3 SeqNo: 1 %REC | PA Method 5744 105955 LowLimit | 8015D: Gaso Units: mg/k HighLimit | oline Rang Kg %RPD | e RPDLimit | Qual |
| Sample ID LCS-26374 Client ID: LCSS Prep Date: 7/13/2016 Analyte Gasoline Range Organics (GRO) | Samp1 Batcl Analysis I Result 26 | Type: LC h ID: 26 Date: 7/ PQL 5.0 | S 374 15/2016 SPK value 25.00 | Tes F S SPK Ref Val 0 | tCode: El RunNo: 3 SeqNo: 1 %REC 104 | PA Method 5744 105955 LowLimit 80 | 8015D: Gaso Units: mg/P HighLimit 120 | Vine Rang | e RPDLimit | Qual |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Client:

| Hall Environmental | Analysis | Laboratory, | Inc. |
|--------------------|----------|-------------|------|
|--------------------|----------|-------------|------|

Pride Energy Company

| Project: | San Isidro | o 12-10 Sa | an Isidro | 0 6-16 | | | | | | | |
|----------------|------------------|------------|-----------|-----------|-------------|----------|-----------|-------------|-------|----------|------|
| Sample ID | MB-26374 | Samp | Туре: М | BLK | Tes | tCode: E | PA Method | 8021B: Vola | tiles | | |
| Client ID: | PBS | Batc | h ID: 26 | 374 | F | RunNo: 3 | 5744 | | | | |
| Prep Date: | 7/13/2016 | Analysis [| Date: 7/ | 15/2016 | S | SeqNo: 1 | 105992 | Units: mg/ł | ٢g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | ND | 0.025 | | | | | | | | |
| Toluene | | ND | 0.050 | | | | | | | | |
| Ethylbenzene | | ND | 0.050 | | | | | | | | |
| Xylenes, Total | | ND | 0.10 | | | | | | | | |
| Surr: 4-Brom | nofluorobenzene | 0.94 | | 1.000 | <i>.</i> | 93.6 | 80 | 120 | | | |
| Sample ID | LCS-26374 | Samp | Type: LC | s | Tes | tCode: E | PA Method | 8021B: Vola | tiles | | |
| Client ID: | LCSS | Batc | h ID: 26 | 374 | F | RunNo: 3 | 5744 | | | | |
| Prep Date: | 7/13/2016 | Analysis [| Date: 7/ | 15/2016 | 5 | SeqNo: 1 | 105993 | Units: mg/h | ٢g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | 0.99 | 0.025 | 1.000 | 0 | 99.0 | 75.3 | 123 | | | |
| Toluene | | 0.97 | 0.050 | 1.000 | 0 | 97.1 | 80 | 124 | | | |
| Ethylbenzene | | 0.99 | 0.050 | 1.000 | 0 | 99.4 | 82.8 | 121 | | | |
| Xylenes, Total | | 3.0 | 0.10 | 3.000 | 0 | 98.5 | 83.9 | 122 | | | |
| Surr: 4-Brom | nofluorobenzene | 0.98 | | 1.000 | | 97.9 | 80 | 120 | | | |
| Sample ID | 1607534-001AMS | Samp | Гуре: М | 3 | Tes | tCode: E | PA Method | 8021B: Vola | tiles | | |
| Client ID: | San Isidro 12-10 | Batc | h ID: 26 | 374 | F | RunNo: 3 | 5744 | | | | |
| Prep Date: | 7/13/2016 | Analysis [| Date: 7/ | 15/2016 | S | SeqNo: 1 | 106005 | Units: mg/k | (g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | 0.84 | 0.023 | 0.9328 | 0 | 89.9 | 71.5 | 122 | | | |
| Toluene | | 0.86 | 0.047 | 0.9328 | 0 | 92.3 | 71.2 | 123 | | | |
| Ethylbenzene | | 0.91 | 0.047 | 0.9328 | 0 | 97.4 | 75.2 | 130 | | | |
| Xylenes, Total | | 2.7 | 0.093 | 2.799 | 0 | 96.8 | 72.4 | 131 | | | |
| Surr: 4-Brom | nofluorobenzene | 0.93 | | 0.9328 | | 99.2 | 80 | 120 | | | |
| Sample ID | 1607534-001AMSD | Samp | Гуре: МS | SD | Tes | tCode: E | PA Method | 8021B: Vola | tiles | | |
| Client ID: | San Isidro 12-10 | Batc | h ID: 26 | 374 | F | RunNo: 3 | 5744 | | | | |
| Prep Date: | 7/13/2016 | Analysis D | Date: 7/ | 15/2016 | S | SeqNo: 1 | 106006 | Units: mg/k | (g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | 0.84 | 0.023 | 0.9346 | 0 | 90.2 | 71.5 | 122 | 0.450 | 20 | |
| Toluene | | 0.88 | 0.047 | 0.9346 | 0 | 94.0 | 71.2 | 123 | 2.02 | 20 | |
| Ethylbenzene | | 0.94 | 0.047 | 0.9346 | 0 | 101 | 75.2 | 130 | 3.50 | 20 | |
| Xylenes, Total | | 2.8 | 0.093 | 2.804 | 0 | 99.1 | 72.4 | 131 | 2.53 | 20 | |
| Surr: 4-Brom | ofluorobenzene | 0.93 | | 0.9346 | | 996 | 80 | 120 | 0 | 0 | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Page 5 of 5

Sample pH Not In Range

Ρ

RL Reporting Detection Limit W Sample container temperature is out of limit as specified

12-Sep-16

WO#: 1607534

| HALL Hall Environment ENVIRONMENTAL ANALYSIS LABORATORY TEL: 505-345-397 Website: www.b | al Analysis Laboratory 4901 Hawkins NE Ibuquerque, NM 87109 75 FAX: 505-345-4107 hallenvironmental.com | Sam | ple Log-In Check List |
|---|--|---------|--------------------------|
| Client Name: PRIDE ENERGY COMPA Work Order Numbe | er: 1607534 | | RcptNo: 1 |
| Received by/date: LM 07/+2//6 | | | |
| Logged By: Joe Archuleta 7/11/2016 12:40:00 F | PM 2 | Elst | |
| Completed By: Joe Archuleta 7/12/2016 2:53:57 Pl | M 2 | Elst | |
| Reviewed By: (2/0.5 07/12/ | 16 | | |
| Chain of Custody | | | |
| 1. Custody seals intact on sample bottles? | Yes | No 🗌 | Not Present |
| 2. Is Chain of Custody complete? | Yes 🗹 | No 🗌 | Not Present |
| 3. How was the sample delivered? | Client | | |
| Log In | | | |
| 4. Was an attempt made to cool the samples? | Yes 🗹 | No 🗆 | NA 🗌 |
| | | | |
| 5. Were all samples received at a temperature of >0° C to 6.0°C | | No 🗹 | NA 🗌 |
| Sample(s) in proper container(s)? | Yes V | No 🗌 | d chined. |
| | _ | _ | |
| 7. Sufficient sample volume for indicated test(s)? | Yes 🗹 | No 📙 . | |
| 8. Are samples (except VOA and ONG) properly preserved? | Yes 🗹 | No 🗆 | |
| 9. Was preservative added to bottles? | Yes 🗋 | No 🗹 | NA LI |
| 10. VOA vials have zero headspace? | Yes | No 🗌 | No VOA Vials 🗹 |
| 11. Were any sample containers received broken? | Yes | No 🗹 | # of processed |
| | | | bottles checked |
| 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | Yes 🗹 | No 🗆 | (<2 or >12 unless noted) |
| 13. Are matrices correctly identified on Chain of Custody? | Yes 🗹 | No 🗌 | Adjusted? |
| 14. Is it clear what analyses were requested? | Yes 🖌 | No 🗌 | |
| 15. Were all holding times able to be met? | Yes 🗹 | No 🗌 | Checked by: |
| (If no, notify customer for authorization.) | | | |
| Special Handling (if applicable) | | | |
| 16. Was client notified of all discrepancies with this order? | Yes | No 🗌 | NA 🗹 |
| Person Notified: Date | 1 | - | |
| By Whom: Via: | eMail Phon | e 🗌 Fax | In Person |
| Regarding: | | | |
| Client Instructions: | | | |
| 17. Additional remarks: | | | |
| 18. <u>Cooler Information</u> | | | |
| Cooler No Temp °C Condition Seal Intact Seal No | Seal Date Sig | ned By | |
| 1 15.4 Good Not Present | | | I |

| C | Chain- | -of-Cu | stody Record | Turn-Around | Time: | | 10 mm - 10 | | | | | NT | | | | | | | | | | |
|----------------------|---|--------|---------------------------|-------------------------|----------------------|--------------|---|------|------------|-----------|------------|------------|-------------|-----------|--------------|--------------|------------|-------------|-----|-----------|----|-------------|
| lient: | Prid | e F | Neres Co. | Standard | 🗆 Rush | | | | | | | | AL | YS | STS | 5 L | A | 30 | RA | TC | R) | Y |
| | | | | Project Name | sidro | 12-18 | > | | | - 254- | | www | w.hal | lenv | ironi | meni | tal.co | om | | | | - |
| lailing | Address | 5: | 2 | Sart | sidro | 6-16 | | | 49 | 01 H | lawk | ins N | NE - | Alb | uqu | erqu | e, N | M 87 | 109 | | | |
| - | Tal | sa O | K | Project #: | | | | 1 | Te | el. 50 |)5-34 | 45-39 | 975 | F | ax | 505- | 345 | -4107 | 7 | | | |
| hone | #: 91 | 8-4 | 524-9200 | | | | | | | | | | A | naly | /sis | Req | ues | t | | | | |
| mail o | r Fax#: | | | Project Mana | ger: | 0(1) 0(1) | | | | | | | | | | | | | | | | |
| A/QC | Package: | | | | | | 802 | as o | MK | | | AS) | | 04,S | CB's | | | | | | | |
| Star | itation | | Level 4 (Full Validation) | 11/23 | 1. Pri | de | | B's | 10) H | NY NY | | | SIN (| | D2,P(| 82 F | | | | | | |
|) NEL | AP | □ Othe | r | Sampler: | TT Yes | TZNO. | | \₹ | TPI | 10 | 8.1) | (1) | 3270 | | 3,NC | / 80 | | 7 | | | | r N) |
| |) (Type) | | | Sample Tem | perature: | 11.4 | en de parte de la parte 19 - La parte de la parte 19 - La parte de la parte d | BE + | ЭE + | R) | d 41 | d 50 |) or | tals | NON, | des | 2 | NO/ | | | | S |
| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEA 16075 | L No. 34 | | BTEX + MTI | TPH 8015B | TPH (Metho | EDB (Metho | PAH's (8310 | RCRA 8 Me | Anions (F,CI | 8081 Pestici | 8260B (VOA | 8270 (Semi- | | | | Air Bubbles |
| -11 | io:am | SOL | Sawisidro 12-10 | 402 JAR | - | -001 | , | X | | X | | | | | | | | | | | | |
| -/1 | 10:45 | 1 | Sonits de 16 | 1 | 1 | -002 | - | X | | X | | | | | | | | | | | | |
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| - | | | ad have | Descined here | l | dat | Time | | | | | | | | | | | | | | | |
| ate: //-% ate: | ate: Time: Relinguished by: 11-6 12:'40 June Haltun ate: Time: Relinguished by: | | | | the second | Date | 71 <u>72</u> 210 Time | Ren | nark | 5: | | | | | | | | | | | | |

*

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

September 12, 2016

Matt Pride Pride Energy Company PO Box 701950 Tulsa, OK 74170-1950 TEL: (918) 524-9200 FAX OIL CONS. DIV DIST. 3 MAR 2 7 2017

OrderNo.: 1604345

Dear Matt Pride:

RE:

Hall Environmental Analysis Laboratory received 2 sample(s) on 4/7/2016 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued April 14, 2016.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 1604345 Date Reported: 9/12/2016

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: San Isidro 6-16 CLIENT: Pride Energy Company Collection Date: 4/7/2016 1:30:00 PM **Project:** Lab ID: 1604345-001 Matrix: SOIL Received Date: 4/7/2016 2:49:00 PM Result **PQL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: KJH 610 10 4/12/2016 11:32:06 AM **Diesel Range Organics (DRO)** 94 mg/Kg 840 Motor Oil Range Organics (MRO) 470 mg/Kg 10 4/12/2016 11:32:06 AM Surr: DNOP 0 70-130 4/12/2016 11:32:06 AM S %Rec 10 EPA METHOD 8015D: GASOLINE RANGE Analyst: NSB Gasoline Range Organics (GRO) ND 5.0 mg/Kg 1 4/11/2016 9:02:30 PM Surr: BFB 87.4 80-120 %Rec 1 4/11/2016 9:02:30 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 mg/Kg 4/11/2016 9:02:30 PM 1 Toluene ND 0.050 mg/Kg 1 4/11/2016 9:02:30 PM ND Ethylbenzene 0.050 mg/Kg 1 4/11/2016 9:02:30 PM ND mg/Kg Xylenes, Total 0.10 1 4/11/2016 9:02:30 PM

80-120

%Rec

1

4/11/2016 9:02:30 PM

108

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Surr: 4-Bromofluorobenzene

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1604345 Date Reported: 9/12/2016

CLIENT: Pride Energy Company

1604345-002

Project: Lab ID:

Client Sample ID: San Isidro 12-10 Collection Date: 4/7/2016 1:30:00 PM Received Date: 4/7/2016 2:49:00 PM

| Analyses | Result | PQL Q | Qual | Units | DF | Date Analyzed |
|---------------------------------|------------|--------|------|-------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS | | | | | Analyst: KJH |
| Diesel Range Organics (DRO) | 1600 | 100 | | mg/Kg | 10 | 4/12/2016 12:02:03 PM |
| Motor Oil Range Organics (MRO) | 1700 | 510 | | mg/Kg | 10 | 4/12/2016 12:02:03 PM |
| Surr: DNOP | 0 | 70-130 | S | %Rec | 10 | 4/12/2016 12:02:03 PM |
| EPA METHOD 8015D: GASOLINE RANG | GE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 4/11/2016 3:44:15 PM |
| Surr: BFB | 90.0 | 80-120 | | %Rec | 1 | 4/11/2016 3:44:15 PM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 4/11/2016 3:44:15 PM |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 4/11/2016 3:44:15 PM |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 4/11/2016 3:44:15 PM |
| Xylenes, Total | ND | 0.094 | | mg/Kg | 1 | 4/11/2016 3:44:15 PM |
| Surr: 4-Bromofluorobenzene | 108 | 80-120 | | %Rec | 1 | 4/11/2016 3:44:15 PM |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 2 of 5 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#: 1604345

12-Sep-16

Client: Pride Energy Company Project:

| Sample ID LCS-24721 | Samp | Type: LC | s | Tes | tCode: El | PA Method | 8015M/D: Di | esel Range | e Organics | |
|--|--|---|------------------------------------|------------------------------|---|---|--|--------------------------|------------|------|
| Client ID: LCSS | Batc | h ID: 24 | 721 | F | RunNo: 3 | 3451 | | | | |
| Prep Date: 4/11/2016 | Analysis [| Date: 4/ | 12/2016 | S | SeqNo: 1 | 028810 | Units: mg/K | ٢g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 49 | 10 | 50.00 | 0 | 97.4 | 65.8 | 136 | | | |
| Surr: DNOP | 3.9 | | 5.000 | | 78.3 | 70 | 130 | | | |
| | | | | | | | | | | |
| Sample ID MB-24721 | Samp | Гуре: МЕ | BLK | Tes | tCode: El | PA Method | 8015M/D: Di | esel Range | e Organics | |
| Sample ID MB-24721 Client ID: PBS | Samp1 Batc | Type: ME h ID: 24 | 3LK 721 | Tes F | tCode: El | PA Method 3451 | 8015M/D: Di | esel <mark>R</mark> ange | e Organics | |
| Sample ID MB-24721 Client ID: PBS Prep Date: 4/11/2016 | Samp Batc Analysis [| Type: ME h ID: 24 Date: 4 / | 3LK 721 12/2016 | Tes F S | tCode: El RunNo: 3 SeqNo: 1 | PA Method 3451 028811 | 8015M/D: Die Units: mg/K | esel Range | e Organics | |
| Sample ID MB-24721 Client ID: PBS Prep Date: 4/11/2016 Analyte | SampT Batcl Analysis I Result | Type: ME h ID: 24 Date: 4/ PQL | 3LK 721 12/2016 SPK value | Tes F S SPK Ref Val | tCode: El RunNo: 3 SeqNo: 1 %REC | PA Method 3451 028811 LowLimit | 8015M/D: Die Units: mg/K HighLimit | esel Rango (g %RPD | e Organics | Qual |
| Sample ID MB-24721 Client ID: PBS Prep Date: 4/11/2016 Analyte Diesel Range Organics (DRO) | Samp Batcl Analysis [Result ND | Type: ME h ID: 24 Date: 4 / PQL 10 | 3LK 721 12/2016 SPK value | Tes F S SPK Ref Val | tCode: El RunNo: 3: SeqNo: 10 %REC | PA Method 3451 028811 LowLimit | 8015M/D: Die Units: mg/K HighLimit | esel Rango (g %RPD | e Organics | Qual |
| Sample ID MB-24721 Client ID: PBS Prep Date: 4/11/2016 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) | Samp Batc Analysis I Result ND ND | Type: ME h ID: 24 Date: 4/ PQL 10 50 | 3LK 721 12/2016 SPK value | Tes F S SPK Ref Val | tCode: El RunNo: 3: SeqNo: 10 %REC | PA Method 3451 028811 LowLimit | 8015M/D: Die Units: mg/K HighLimit | esel Rango (g %RPD | e Organics | Qual |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 3 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: 1604345

12-Sep-16

| Client: | Pride Energy | Company |
|----------|--------------|---------|
| Project: | | |

| Sample ID MB-24703 | SampT | ype: ME | BLK | Test | Code: El | A Method | 8015D: Gase | oline Rang | е | |
|---|---|--|---|---|--|--|---|--|--------------------------------------|------|
| Client ID: PBS | Batch | n ID: 24 | 703 | R | unNo: 3 | 3446 | | | | |
| Prep Date: 4/8/2016 | Analysis D | ate: 4/ | 11/2016 | S | SeqNo: 1 | 028517 | Units: mg/l | ٨g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 740 | | 1000 | | 74.5 | 66.2 | 112 | | | |
| Sample ID LCS-24703 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | | | |
| Client ID: LCSS Batch ID: 24703 RunNo: 33446 | | | | | | | | | | |
| Prep Date: 4/8/2016 | Analysis D | ate: 4/ | 11/2016 | S | eqNo: 1 | 028518 | Units: mg/l | ٨g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 21 | 5.0 | 25.00 | 0 | 84.8 | 80 | 120 | | | |
| Surr: BEB | 1000 | | 1000 | | 101 | 80 | 120 | | | |
| Cull: Bi B | | | 1000 | | 101 | | 120 | | | |
| Sample ID 1604345-002AMS | SampT | ype: MS | 3 | Tes | tCode: El | PA Method | 8015D: Gase | oline Rang | e | |
| Sample ID 1604345-002AMS Client ID: San Isidro 12-10 | SampT | ype: MS | 3 | Tes | tCode: El | PA Method 3446 | 8015D: Gase | oline Rang | e | |
| Sample ID 1604345-002AMS Client ID: San Isidro 12-10 Prep Date: 4/8/2016 | SampT Batch Analysis D | ype: MS n ID: 24 Date: 4/ | 3 703 11/2016 | Tes F S | tCode: El RunNo: 3 GeqNo: 1 | PA Method 3446 028521 | 8015D: Gase | oline Rang | e | |
| Sample ID 1604345-002AMS Client ID: San Isidro 12-10 Prep Date: 4/8/2016 Analyte | SampT Batch Analysis D Result | ype: MS 1D: 24 Date: 4/ PQL | 5 703 11/2016 SPK value | Tes F S SPK Ref Val | tCode: El RunNo: 3 SeqNo: 1 %REC | PA Method 3446 028521 LowLimit | 8015D: Gase Units: mg/l HighLimit | oline Rang Kg %RPD | RPDLimit | Qual |
| Sample ID 1604345-002AMS Client ID: San Isidro 12-10 Prep Date: 4/8/2016 Analyte Gasoline Range Organics (GRO) | SampT Batch Analysis D Result 19 | ype: MS n ID: 24 Date: 4/ PQL 4.7 | 5 703 11/2016 SPK value 23.47 | Tes R S SPK Ref Val 0 | tCode: El RunNo: 3 GeqNo: 1 %REC 82.7 | PA Method 3446 028521 LowLimit 59.3 | 8015D: Gase Units: mg/l HighLimit 143 | oline Rang Kg %RPD | e RPDLimit | Qual |
| Sample ID 1604345-002AMS Client ID: San Isidro 12-10 Prep Date: 4/8/2016 Analyte Gasoline Range Organics (GRO) Surr: BFB | SampT Batch Analysis D Result 19 990 | Type: MS n ID: 24 Date: 4/ PQL 4.7 | 5 703 11/2016 23.47 939.0 | Tes R S SPK Ref Val 0 | Code: El RunNo: 3: SeqNo: 1 %REC 82.7 106 | PA Method 3446 028521 LowLimit 59.3 80 | 8015D: Gase Units: mg/l HighLimit 143 120 | oline Rang Kg %RPD | e RPDLimit | Qual |
| Sample ID 1604345-002AMS Client ID: San Isidro 12-10 Prep Date: 4/8/2016 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID 1604345-002AMS | SampT Batch Analysis D Result 19 990 D SampT | ype: MS n ID: 24 Date: 4/ PQL 4.7 | 5 703 11/2016 23.47 939.0 | Tes F SPK Ref Val 0 Tes | tCode: EI tunNo: 3: SeqNo: 11 %REC 82.7 106 | PA Method 3446 028521 LowLimit 59.3 80 PA Method | 8015D: Gase Units: mg/l HighLimit 143 120 8015D: Gase | oline Rang Kg %RPD oline Rang | e RPDLimit | Qual |
| Sample ID 1604345-002AMS Client ID: San Isidro 12-10 Prep Date: 4/8/2016 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID 1604345-002AMS Client ID: San Isidro 12-10 | SampT Batcl Analysis D Result 19 990 D SampT Batcl | Type: MS n ID: 24 Date: 4/ PQL 4.7 Type: MS n ID: 24 | 5 703 11/2016 SPK value 23.47 939.0 5D 703 | Tes F SPK Ref Val 0 Tes F | tCode: El RunNo: 3: SeqNo: 11 %REC 82.7 106 tCode: El RunNo: 3: | PA Method 3446 028521 LowLimit 59.3 80 PA Method 3446 | 8015D: Gase Units: mg/l HighLimit 143 120 8015D: Gase | vine Rang %RPD vine Rang | e RPDLimit | Qual |
| Sample ID 1604345-002AMS Client ID: San Isidro 12-10 Prep Date: 4/8/2016 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID 1604345-002AMS Client ID: San Isidro 12-10 Prep Date: 4/8/2016 | SampT Batch Analysis D Result 19 990 D SampT Batch Analysis D | Type: MS n ID: 24 pate: 4/ PQL 4.7 Type: MS n ID: 24 pate: 4/ | 5 703 11/2016 23.47 939.0 5D 703 11/2016 | Tes F SPK Ref Val 0 Tes F S | Code: El RunNo: 3 SeqNo: 10 %REC 82.7 106 Code: El RunNo: 3 SeqNo: 10 | PA Method 3446 028521 LowLimit 59.3 80 PA Method 3446 028522 | 8015D: Gase Units: mg/l HighLimit 143 120 8015D: Gase Units: mg/l | oline Rang Kg %RPD oline Rang | e RPDLimit | Qual |
| Sample ID 1604345-002AMS Client ID: San Isidro 12-10 Prep Date: 4/8/2016 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID 1604345-002AMS Client ID: San Isidro 12-10 Prep Date: 4/8/2016 Analyte | SampT Batch Analysis D Result 19 990 D SampT Batch Analysis D Result | Type: MS 1 ID: 24 Date: 4/ PQL 4.7 Type: MS 1 ID: 24 Date: 4/ PQL PQL | 5 703 11/2016 SPK value 23.47 939.0 5D 703 11/2016 SPK value | Tes F SPK Ref Val 0 Tes F SPK Ref Val | tCode: El RunNo: 3: SeqNo: 10 %REC 82.7 106 tCode: El RunNo: 3: SeqNo: 10 %REC | PA Method 3446 028521 LowLimit 59.3 80 PA Method 3446 028522 LowLimit | 8015D: Gase Units: mg/l HighLimit 143 120 8015D: Gase Units: mg/l HighLimit | oline Rang Kg %RPD oline Rang Kg %RPD | e RPDLimit e RPDLimit | Qual |
| Sample ID 1604345-002AMS Client ID: San Isidro 12-10 Prep Date: 4/8/2016 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID 1604345-002AMS Client ID: San Isidro 12-10 Prep Date: 4/8/2016 Analyte Gasoline Range Organics (GRO) | SampT Batch Analysis D Result 19 990 D SampT Batch Analysis D Result 19 | Type: MS n ID: 24 PQL 4.7 Type: MS or ID: 24 Date: 4/ PQL 4.9 | 5 703 11/2016 23.47 939.0 5D 703 11/2016 SPK value 24.68 | Tes SPK Ref Val 0 Tes SPK Ref Val SPK Ref Val 0 | tCode: El RunNo: 3: SeqNo: 10 %REC 82.7 106 tCode: El RunNo: 3 SeqNo: 10 %REC 76.3 | PA Method 3446 028521 LowLimit 59.3 80 PA Method 3446 028522 LowLimit 59.3 | 8015D: Gase Units: mg/l HighLimit 143 120 8015D: Gase Units: mg/l HighLimit 143 | oline Rang %RPD oline Rang %g %RPD 3.05 | e RPDLimit e RPDLimit 20 | Qual |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- W Sample container temperature is out of limit as specified
- Page 4 of 5

Hall Environmental Analysis Laboratory, Inc.

Pride Energy Company

Client:

Project:

| Sample ID | MB-24703 | Samp | Туре: МЕ | BLK | Tes | tCode: El | PA Method | 8021B: Vola | tiles | | |
|--|--|--|---|---|--|---|--|---|--|--|--|
| Client ID: | PBS | Batc | h ID: 24 | 703 | F | RunNo: 3 | 3446 | | | | |
| Prep Date: | 4/8/2016 | Analysis [| Date: 4/ | 11/2016 | S | SeqNo: 1 | 028536 | Units: mg/k | ٩ | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | ND | 0.025 | | | | | | | | |
| Toluene | | ND | 0.050 | | | | | | | | |
| Ethylbenzene | | ND | 0.050 | | | | | | | | |
| Xylenes, Total | | ND | 0.10 | | | | | | | | |
| Surr: 4-Bron | nofluorobenzene | 0.87 | | 1.000 | | 86.5 | 80 | 120 | | | |
| Sample ID | LCS-24703 | Samp | Type: LC | S | Tes | tCode: El | PA Method | 8021B: Vola | tiles | | |
| Client ID: | LCSS | Batc | h ID: 24 | 703 | F | RunNo: 3 | 3446 | | | | |
| Prep Date: | 4/8/2016 | Analysis (| Date: 4/ | 11/2016 | S | SeqNo: 1 | 028537 | Units: mg/k | ٢g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | 0.87 | 0.025 | 1.000 | 0 | 87.2 | 75.3 | 123 | | | |
| Toluene | | 0.95 | 0.050 | 1.000 | 0 | 94.8 | 80 | 124 | | | |
| Ethylbenzene | | 0.98 | 0.050 | 1.000 | 0 | 98.3 | 82.8 | 121 | | | |
| Xylenes, Total | | 3.0 | 0.10 | 3.000 | 0 | 99.3 | 83.9 | 122 | | | |
| Surr: 4-Bron | nofluorobenzene | 1.2 | | 1.000 | | 123 | 80 | 120 | | | S |
| | | | | | | | | ····· | | | |
| Sample ID | 1604345-001AMS | Samp | Type: MS | 3 | Tes | tCode: El | PA Method | 8021B: Vola | tiles | | |
| Sample ID Client ID: | 1604345-001AMS San Isidro 6-16 | Samp [*] Batc | Type: MS h ID: 24 | 5 703 | Tes F | tCode: El RunNo: 3 | PA Method 3446 | 8021B: Vola | tiles | | |
| Sample ID Client ID: Prep Date: | 1604345-001AMS San Isidro 6-16 4/8/2016 | Samp Batc Analysis I | Type: MS h ID: 24 Date: 4/ | 5 703 11/2016 | Tes F S | tCode: El RunNo: 3 SeqNo: 1 | PA Method 3446 028544 | 8021B: Vola Units: mg/F | tiles (g | | |
| Sample ID Client ID: Prep Date: Analyte | 1604345-001AMS San Isidro 6-16 4/8/2016 | Samp Batc Analysis I Result | Type: MS h ID: 24 Date: 4 / PQL | 5 703 11/2016 SPK value | Tes F S SPK Ref Val | tCode: El RunNo: 3 SeqNo: 1 %REC | PA Method 3446 028544 LowLimit | 8021B: Vola Units: mg/F HighLimit | tiles (g %RPD | RPDLimit | Qual |
| Sample ID Client ID: Prep Date: Analyte Benzene | 1604345-001AMS San Isidro 6-16 4/8/2016 | Samp Batc Analysis I Result 0.80 | Type: MS h ID: 24 Date: 4/ PQL 0.024 | 5 703 11/2016 SPK value 0.9515 | Tes F S SPK Ref Val 0 | tCode: El RunNo: 3 SeqNo: 1 %REC 83.8 | PA Method 3446 028544 LowLimit 71.5 | 8021B: Vola Units: mg/F HighLimit 122 | tiles (g %RPD | RPDLimit | Qual |
| Sample ID Client ID: Prep Date: Analyte Benzene Toluene | 1604345-001AMS San Isidro 6-16 4/8/2016 | Samp Batc Analysis I Result 0.80 0.92 | Type: MS h ID: 24 Date: 4 / PQL 0.024 0.048 | 5 703 11/2016 SPK value 0.9515 0.9515 | Tes F S SPK Ref Val 0 0.007371 | tCode: El RunNo: 3 SeqNo: 1 %REC 83.8 95.6 | PA Method 3446 028544 LowLimit 71.5 71.2 | 8021B: Vola Units: mg/F HighLimit 122 123 | tiles (g %RPD | RPDLimit | Qual |
| Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene | 1604345-001AMS San Isidro 6-16 4/8/2016 | Samp Batc Analysis I Result 0.80 0.92 0.93 | Type: MS h ID: 24 Date: 4/ PQL 0.024 0.048 0.048 | 5 703 11/2016 SPK value 0.9515 0.9515 0.9515 | Tes F SPK Ref Val 0 0.007371 0 | tCode: El RunNo: 3 SeqNo: 1 %REC 83.8 95.6 97.8 | PA Method 3446 028544 LowLimit 71.5 71.2 75.2 | 8021B: Vola Units: mg/H HighLimit 122 123 130 | tiles (g %RPD | RPDLimit | Qual |
| Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total | 1604345-001AMS San Isidro 6-16 4/8/2016 | Samp Batc Analysis I Result 0.80 0.92 0.93 2.8 | Type: MS h ID: 24 Date: 4/ PQL 0.024 0.048 0.048 0.095 | 5 703 11/2016 SPK value 0.9515 0.9515 0.9515 2.854 | Tes F S SPK Ref Val 0 0.007371 0 0 0 | tCode: El RunNo: 3 SeqNo: 1 %REC 83.8 95.6 97.8 97.2 | PA Method 3446 028544 LowLimit 71.5 71.2 75.2 72.4 | 8021B: Vola Units: mg/k HighLimit 122 123 130 131 | tiles (g %RPD | RPDLimit | Qual |
| Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brorr | 1604345-001AMS San Isidro 6-16 4/8/2016 | Samp Batc Analysis I Result 0.80 0.92 0.93 2.8 1.1 | Type: MS h ID: 24 Date: 4 / PQL 0.024 0.048 0.048 0.095 | 5 703 11/2016 SPK value 0.9515 0.9515 2.854 0.9515 | Tes F S SPK Ref Val 0 0.007371 0 0 0 | tCode: El RunNo: 3 SeqNo: 1 %REC 83.8 95.6 97.8 97.2 113 | PA Method 3446 028544 LowLimit 71.5 71.2 75.2 72.4 80 | 8021B: Vola Units: mg/P HighLimit 122 123 130 131 120 | tiles (g %RPD | RPDLimit | Qual |
| Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brorr Sample ID | 1604345-001AMS San Isidro 6-16 4/8/2016 nofluorobenzene 1604345-001AMSE | Samp Batc Analysis I Result 0.80 0.92 0.93 2.8 1.1 O Samp | Type: MS h ID: 24 Date: 4 / PQL 0.024 0.048 0.095 Type: MS | 5 703 11/2016 SPK value 0.9515 0.9515 0.9515 2.854 0.9515 5D | Tes F S SPK Ref Val 0 0.007371 0 0 0 Tes | tCode: El RunNo: 3 SeqNo: 1 %REC 83.8 95.6 97.8 97.2 113 tCode: El | PA Method 3446 028544 LowLimit 71.5 71.2 75.2 72.4 80 PA Method | 8021B: Vola Units: mg/P HighLimit 122 123 130 131 120 8021B: Vola | tiles (g %RPD | RPDLimit | Qual |
| Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID Client ID: | 1604345-001AMS San Isidro 6-16 4/8/2016 nofluorobenzene 1604345-001AMSE San Isidro 6-16 | Samp Batc Analysis I Result 0.80 0.92 0.93 2.8 1.1 Samp Batc | Type: MS h ID: 24 Date: 4 / PQL 0.024 0.048 0.095 Type: MS h ID: 24 | 3 703 11/2016 SPK value 0.9515 0.9515 0.9515 2.854 0.9515 5D 703 | Tes F S SPK Ref Val 0 0.007371 0 0 0 Tes F | tCode: El RunNo: 3 SeqNo: 1 %REC 83.8 95.6 97.8 97.2 113 tCode: El RunNo: 3 | PA Method 3446 028544 LowLimit 71.5 71.2 75.2 72.4 80 PA Method 3446 | 8021B: Vola Units: mg/P HighLimit 122 123 130 131 120 8021B: Vola | tiles (g %RPD | RPDLimit | Qual |
| Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID Client ID: Prep Date: | 1604345-001AMS San Isidro 6-16 4/8/2016 nofluorobenzene 1604345-001AMSE San Isidro 6-16 4/8/2016 | Samp Batc Analysis I Result 0.80 0.92 0.93 2.8 1.1 0 Samp Batc Analysis I | Type: MS h ID: 24 Date: 4/ PQL 0.024 0.048 0.048 0.048 0.095 Type: MS h ID: 24 Date: 4/ | 5 703 11/2016 SPK value 0.9515 0.9515 2.854 0.9515 5D 703 11/2016 | Tes F SPK Ref Val 0 0.007371 0 0 0 Tes F S | tCode: El RunNo: 3 SeqNo: 1 %REC 83.8 95.6 97.8 97.2 113 tCode: El RunNo: 3 SeqNo: 1 | PA Method 3446 028544 LowLimit 71.5 71.2 75.2 72.4 80 PA Method 3446 028545 | 8021B: Vola Units: mg/F HighLimit 122 123 130 131 120 8021B: Vola Units: mg/F | tiles (g %RPD tiles | RPDLimit | Qual |
| Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID Client ID: Prep Date: Analyte | 1604345-001AMS San Isidro 6-16 4/8/2016 nofluorobenzene 1604345-001AMSE San Isidro 6-16 4/8/2016 | Samp Batc Analysis I Result 0.80 0.92 0.93 2.8 1.1 Samp Batc Analysis I Result | Type: MS h ID: 24 Date: 4/ PQL 0.024 0.048 0.048 0.095 Type: MS h ID: 24 Date: 4/ PQL | 3 703 11/2016 SPK value 0.9515 0.9515 2.854 0.9515 2.854 0.9515 5D 703 11/2016 SPK value | Tes SPK Ref Val 0 0.007371 0 0 Tes SPK Ref Val | tCode: El RunNo: 3 SeqNo: 1 %REC 83.8 95.6 97.8 97.2 113 tCode: El RunNo: 3 SeqNo: 1 %REC | PA Method 3446 028544 LowLimit 71.5 71.2 75.2 72.4 80 PA Method 3446 028545 LowLimit | 8021B: Vola Units: mg/F HighLimit 122 123 130 131 120 8021B: Vola Units: mg/F HighLimit | tiles %RPD tiles | RPDLimit | Qual |
| Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID Client ID: Prep Date: Analyte Benzene | 1604345-001AMS San Isidro 6-16 4/8/2016 nofluorobenzene 1604345-001AMSE San Isidro 6-16 4/8/2016 | Samp Batc Analysis I Result 0.80 0.92 0.93 2.8 1.1 0 Samp Batc Analysis I Result 0.61 | Type: MS h ID: 24' Date: 4/ PQL 0.024 0.048 0.048 0.095 Type: MS h ID: 24' Date: 4/ PQL 0.023 | 5 703 11/2016 SPK value 0.9515 0.9515 2.854 0.9515 2.854 0.9515 5D 703 11/2016 SPK value 0.9200 | Tes F SPK Ref Val 0 0.007371 0 0 0 Tes F SPK Ref Val 0 | tCode: El RunNo: 3 SeqNo: 1 %REC 83.8 95.6 97.8 97.2 113 tCode: El RunNo: 3 SeqNo: 1 %REC 66.0 | PA Method 3446 028544 LowLimit 71.5 71.2 75.2 72.4 80 PA Method 3446 028545 LowLimit 71.5 | 8021B: Vola Units: mg/P HighLimit 122 123 130 131 120 8021B: Vola Units: mg/P HighLimit 122 | tiles (g %RPD tiles (g %RPD 27.1 | RPDLimit RPDLimit 20 | Qual Qual RS |
| Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID Client ID: Prep Date: Analyte Benzene Toluene | 1604345-001AMS San Isidro 6-16 4/8/2016 nofluorobenzene 1604345-001AMSE San Isidro 6-16 4/8/2016 | Samp Batc Analysis I Result 0.80 0.92 0.93 2.8 1.1 D Samp Batc Analysis I Result 0.61 0.70 | Type: MS h ID: 24 Date: 4/ PQL 0.024 0.048 0.048 0.095 Type: MS h ID: 24 Date: 4/ PQL 0.023 0.046 | 5 703 11/2016 SPK value 0.9515 0.9515 2.854 0.9515 50 703 11/2016 SPK value 0.9200 0.9200 | Tes SPK Ref Val 0 0.007371 0 0 0 Tes SPK Ref Val 0 0.007371 | tCode: El RunNo: 3 SeqNo: 1 %REC 83.8 95.6 97.8 97.2 113 tCode: El RunNo: 3 SeqNo: 1 %REC 66.0 75.2 | PA Method 3446 028544 LowLimit 71.5 71.2 75.2 72.4 80 PA Method 3446 028545 LowLimit 71.5 71.2 | 8021B: Vola Units: mg/P HighLimit 122 123 130 131 120 8021B: Vola Units: mg/P HighLimit 122 123 | tiles (g %RPD tiles (g %RPD 27.1 27.0 | RPDLimit RPDLimit 20 20 | Qual Qual RS R |
| Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brorr Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene | 1604345-001AMS San Isidro 6-16 4/8/2016 nofluorobenzene 1604345-001AMSE San Isidro 6-16 4/8/2016 | Samp Batc Analysis I Result 0.80 0.92 0.93 2.8 1.1 0.93 2.8 1.1 0.93 2.8 1.1 0.93 2.8 1.1 Batc Analysis I Result 0.61 0.70 0.74 | Type: MS h ID: 24 Date: 4/ PQL 0.024 0.048 0.048 0.095 Type: MS h ID: 24 Date: 4/ PQL 0.023 0.046 0.046 | 5 703 11/2016 SPK value 0.9515 0.9515 2.854 0.9515 5D 703 11/2016 SPK value 0.9200 0.9200 0.9200 | Tes F SPK Ref Val 0 0.007371 0 0 0 Tes F SPK Ref Val 0 0.007371 0 0 0.007371 0 | tCode: El RunNo: 3 SeqNo: 1 %REC 83.8 95.6 97.8 97.2 113 tCode: El RunNo: 3 SeqNo: 1 %REC 66.0 75.2 80.2 | PA Method 3446 028544 LowLimit 71.5 71.2 75.2 72.4 80 PA Method 3446 028545 LowLimit 71.5 71.2 75.2 | 8021B: Vola Units: mg/P HighLimit 122 123 130 131 120 8021B: Vola Units: mg/P HighLimit 122 123 130 | tiles (g %RPD tiles (g %RPD 27.1 27.0 23.2 | RPDLimit RPDLimit 20 20 20 20 | Qual Qual RS R R R |
| Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total | 1604345-001AMS San Isidro 6-16 4/8/2016 nofluorobenzene 1604345-001AMSE San Isidro 6-16 4/8/2016 | Samp Batc Analysis I Result 0.80 0.92 0.93 2.8 1.1 0 Samp Batc Analysis I Result 0.61 0.70 0.74 2.2 | Type: MS h ID: 24 Date: 4/ PQL 0.024 0.048 0.048 0.048 0.095 Type: MS h ID: 24 Date: 4/ PQL 0.023 0.046 0.046 0.092 | 5 703 11/2016 SPK value 0.9515 0.9515 2.854 0.9515 5D 703 11/2016 SPK value 0.9200 0.9200 0.9200 2.760 | Tes SPK Ref Val 0 0.007371 0 0 0 Tes SPK Ref Val 0 0.007371 0 0.007371 0 0 0 0 | tCode: El RunNo: 3 SeqNo: 1 %REC 83.8 95.6 97.8 97.2 113 tCode: El RunNo: 3 SeqNo: 1 %REC 66.0 75.2 80.2 79.0 | PA Method 3446 028544 LowLimit 71.5 71.2 75.2 72.4 80 PA Method 3446 028545 LowLimit 71.5 71.2 75.2 72.4 | 8021B: Vola Units: mg/F HighLimit 122 123 130 131 120 8021B: Vola Units: mg/F HighLimit 122 123 130 131 | tiles (g %RPD tiles (g %RPD 27.1 27.0 23.2 23.9 | RPDLimit RPDLimit 20 20 20 20 20 20 | Qual Qual RS R R R R R R |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

WO#:

Page 5 of 5

1604345 12-Sep-16

| HALL Hall Environ ENVIRONMENTAL ANALYSIS LABORATORY TEL: 505-3 Website: | nmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 45-3975 FAX: 505-345-4107 www.hallenvironmental.com | Samp | ble Log-In Che | ck List |
|---|---|------------|---|--|
| Client Name: PRIDE ENERGY COMPA Work Order | Number: 1604345 | | RcptNo 1 | |
| Received by/date: AT 04[| 57/10 | | | Aurona (Scale) Yana pasa (Scale) Auropa |
| Logged By: Ashley Gallegos 4/7/2016 2:49: | 00 PM 9 | F | | |
| Completed By: Ashley Gallegos 4/8/2016 10:57 | :33 AM 9 | EF . | | |
| Reviewed By: Day 54/08/16 | 2 | | | Comment of the Cost of |
| Chain of Custody | | | | |
| 1. Custody seals intact on sample bottles? | Yes | No 🗌 | Not Present | |
| 2. Is Chain of Custody complete? | Yes 🖌 | No 🗌 | Not Present | |
| 3. How was the sample delivered? | Client | | | |
| Log In | | | | |
| Was an attempt made to cool the samples? | Yes | No 🗹 | | |
| | Samples were collected | the same d | ay | |
| 5. Were all samples received at a temperature of >0° C to 6.0 | "C Yes | No 🗹 | NA | |
| | Samples were collected t | he same d | ay. | |
| O. Sample(s) in proper container(s)? | Tes Y | | | |
| 7. Sufficient sample volume for indicated test(s)? | Yes 🗸 | No 🗌 | | |
| 8. Are samples (except VOA and ONG) properly preserved? | Yes 🖌 | No 🗌 | pressing. | |
| 9. Was preservative added to bottles? | Yes | No 🖌 | NA | |
| 10 VOA visk have zero headenace? | Yes | No 🗌 | No VOA Vials 🗹 | |
| 11. Were any sample containers received broken? | Yes | No 🔽 | | |
| | | | # of preserved bottles checked | |
| 12. Does paperwork match bottle labels? | Yes 🔽 | No 🗌 | for pH: | 12 unless nated) |
| (Note discrepancies on chain of custody) | ¥ | No 🗔 | Adjusted? | 12 dilless floted) |
| 13. Are matrices correctly identified on Chain of Custody? | Yes V | | | Contraction of the second s Second second secon |
| 15. Were all holding times able to be met? | Yes 🗹 | No 🗆 | Checked by. | |
| (If no, notify customer for authorization.) | | | | n na naganan anangara ing na |
| | | | | |
| Special Handling (if applicable) | | groung | 6 | |
| 16. Was client notified of all discrepancies with this order? | Yes 📙 | No | NA 🗹 | |
| Person Notified: | Date | | | |
| By Whom: | Vla: eMail Pho | ne 🗌 Fax | In Person | |
| Regarding: | | | | |
| Client Instructions: | | | | |
| 17. Additional remarks: | | | | |
| 18. Cooler Information | | | | |
| Cooler No Temp °C Condition Seal Intact Sea | al No Seal Date Si | gned By | | |
| 3 20.3 Good Not Present | | | 1 | |
| Page I of I | nga na | | an na na ann an an ann an ann ann ann a | norman (* 1. 2000), and a character of the second second second |

| Chain-of-Custody Record | Turn-Around Time: | |
|------------------------------------|---------------------------|---|
| lient: Davide Equeran | Z Standard C Rush | ANALYSTS LABORATORY |
| | Project Name: | |
| lailing Address: | SanIsidro 12-10 | www.nailenvironmental.com |
| | 0 - 1 6 | 4901 Hawkins NE - Albuquerque, NM 87109 |
| Julsa, OKA | - | Tel. 505-345-3975 Fax 505-345-4107 |
| hone #: | | Analysis Request |
| mail or Fax#: | Project Manager: | (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) |
| A/QC Package: | m = D I | (802) 04, 0 V V |
| Standard Level 4 (Full Validation) | Mari. Fride | 22 P SIN |
| | Sampler: | X X Z <thz< th=""> <thz< th=""> <thz< th=""> <thz< th=""></thz<></thz<></thz<></thz<> |
| | Sample Temperature: 20.2 | Y or NO ₃ or 8 60.4 418 + + + − − − − − − − + + + − − − − − − |
| | | ATB ATB ATB A A A A A A A A A A A A A A |
| Date Time Matrix Sample Request ID | Container Preservative | A + |
| Sample Request ID | Type and # Type // AV/2// | T BL 199 199 199 199 199 199 199 199 199 19 |
| =/ 1:30 | 1004345 | |
| -7 1:30 Sal San Isdro 6-16 | -00/ | |
| -7 1:30 1 San Terdro 12-10 | -003 | |
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| | λ | |
| Date: Time: Relinquished by: | Received by: Date Time | Remarks: |
| +777 yglum blath | 04/07/110 144 | 9 |
| Date: Time: Relinquished by: | Received by: Date Time | ' ' |
| | | |

.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

4901 Honekins NE

Albuquerque, NM 87109

HALL ENVIRONMENTAL ANALYSIS LABORATORY

August 19, 2015

Lynn Hatley Pride Energy Company PO Box 701950 Tulsa, OK 74170-1950 TEL: (918) 524-9200 FAX OIL CONS. DIV DIST. 3 MAR 2 7 2017

RE: San Isidro-Lease

OrderNo.: 1508705

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

Dear Lynn Hatley:

Hall Environmental Analysis Laboratory received 2 sample(s) on 8/14/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

and

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

| | | | | | | Analytical Report | | | |
|--------------------------------|-----------------------|-----------|------|--------------|----------------------------|------------------------|--------|--|--|
| | | | | | | Lab Order 1508705 | | | |
| Hall Environmental Analy | sis Labora | tory, Inc | с. | | | Date Reported: 8/19/20 | 15 | | |
| CLIENT: Pride Energy Company | | | C | lient Sampl | SA e ID: 12- | N ISIARO | | | |
| Project: San Isidro-Lease | | | | Collection I | Date: 8/1 | 4/2015 9:30:00 AM | | | |
| Lab ID: 1508705-001 | Matrix: SOIL Received | | | | Date: 8/14/2015 1:28:00 PM | | | | |
| Analyses | Result | RL (| Qual | Units | DF | Date Analyzed | Batch | | |
| EPA METHOD 8015M/D: DIESEL RAM | IGE ORGANIC | S | | | | Analys | t: KJH | | |
| Diesel Range Organics (DRO) | 1800 | 99 | | mg/Kg | 10 | 8/18/2015 6:45:40 PM | 20838 | | |
| Motor Oil Range Organics (MRO) | 2600 | 500 | | mg/Kg | 10 | 8/18/2015 6:45:40 PM | 20838 | | |
| Surr: DNOP | 0 | 57.9-140 | S | %REC | 10 | 8/18/2015 6:45:40 PM | 20838 | | |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | | Analys | t NSB | | |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 8/18/2015 1:29:46 AM | 20808 | | |
| Surr: BFB | 81.9 | 75.4-113 | | %REC | 1 | 8/18/2015 1:29:46 AM | 20808 | | |
| EPA METHOD 8021B: VOLATILES | | | | | | Analys | t NSB | | |
| Benzene | ND | 0.047 | | mg/Kg | 1 | 8/18/2015 1:29:46 AM | 20808 | | |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 8/18/2015 1:29:46 AM | 20808 | | |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 8/18/2015 1:29:46 AM | 20808 | | |
| Xylenes, Total | ND | 0.093 | | mg/Kg | 1 | 8/18/2015 1:29:46 AM | 20808 | | |
| Surr: 4-Bromofluorobenzene | 89.6 | 80-120 | | %REC | 1 | 8/18/2015 1:29:46 AM | 20808 | | |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers: * Value exceeds Maximum Contaminant Level.

1 .

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 5 J
- P Sample pH Not In Range
- RL Reporting Detection Limit

| Analytical | Report |
|------------|--------|
|------------|--------|

Lab Order 1508705

8/18/2015 1:54:34 AM

20808

| Hall E | nvironmental Analys | sis Labora | tory, In | c. | | | Date Reported: 8/19/20 | 15 | | | |
|-----------------|--------------------------|------------|----------|------|--|-----------------|------------------------|--------|--|--|--|
| CLIENT: | : Pride Energy Company | | | (| Client Sampl | 54 e ID: 6-1 | N Isidro | | | | |
| Project: | San Isidro-Lease | | | | Collection Date: 8/14/2015 10:00:00 AM | | | | | | |
| Lab ID: | 1508705-002 | Matrix: | SOIL | | Received Date: 8/14/2015 1:28:00 PM | | | | | | |
| Analyses | | Result | RL | Qual | Units | DF | Date Analyzed | Batch | | | |
| EPA ME | THOD 8015M/D: DIESEL RAN | GE ORGANIC | S | | | | Analys | t: KJH | | | |
| Diesel F | Range Organics (DRO) | 510 | 98 | | mg/Kg | 10 | 8/18/2015 7:50:12 PM | 20838 | | | |
| Motor O | il Range Organics (MRO) | 1300 | 490 | | mg/Kg | 10 | 8/18/2015 7:50:12 PM | 20838 | | | |
| Surr: | DNOP | 0 | 57.9-140 | S | %REC | 10 | 8/18/2015 7:50:12 PM | 20838 | | | |
| EPA ME | THOD 8015D: GASOLINE RAI | NGE | | | | | Analys | t: NSB | | | |
| Gasoline | e Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 8/18/2015 1:54:34 AM | 20808 | | | |
| Surr: | BFB | 80.1 | 75.4-113 | | %REC | 1 | 8/18/2015 1:54:34 AM | 20808 | | | |
| EPA ME | THOD 8021B: VOLATILES | | | | | | Analys | t NSB | | | |
| Benzene | e | ND | 0.048 | | mg/Kg | 1 | 8/18/2015 1:54:34 AM | 20808 | | | |
| Toluene | | ND | 0.048 | | mg/Kg | 1 | 8/18/2015 1:54:34 AM | 20808 | | | |
| Ethylber | nzene | ND | 0.048 | | mg/Kg | 1 | 8/18/2015 1:54:34 AM | 20808 | | | |
| Xylenes | , Total | ND | 0.097 | | mg/Kg | 1 | 8/18/2015 1:54:34 AM | 20808 | | | |

80-120

%REC

1

90.4

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | - | | - | - | |
|-------------|---|------------|--------|---------|--------|------|--------|--|
| Qualifiers: | * | Value exce | eds Ma | ximum C | ontami | nant | Level. | |

D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

April 01, 2015

Matt Pride Pride Energy Company PO Box 701950 Tulsa, OK 74170-1950 TEL: (918) 524-9200 FAX (918) 524-9292 OIL CONS. DIV DIST. 3 MAR 2 7 2017

RE: San Isidro # 6-16

OrderNo.: 1503B87

Dear Matt Pride:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/26/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

د. ، ا

Surr: BFB

Benzene

Toluene

Chloride

Ethylbenzene

Xylenes, Total

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

EPA METHOD 300.0: ANIONS

Lab Order 1503B87

Date Reported: 4/1/2015

3/30/2015 3:53:25 PM

20 3/31/2015 1:47:47 PM 18435

1

1

1

1

1

1

18355

18355

18355

18355

18355

18355

Analyst: NSB

Analyst: SRM

| CLIENT: | Pride Energy Company | | | 0 | lient San | n <mark>ple ID:</mark> La | ndfarm | | | | | |
|-----------------|------------------------|--------------|----------|------|-------------------------------------|---------------------------|----------------------|-------|--|--|--|--|
| Project: | San Isidro # 6-16 | | | | Collectio | n Date: 3/2 | 25/2015 11:00:00 AM | | | | | |
| Lab ID: | 1503B87-001 | Matrix: SOIL | | | Received Date: 3/26/2015 7:00:00 AM | | | | | | | |
| Analyses | | Result | RL | Qual | Units | DF | Date Analyzed | Batch | | | | |
| EPA MET | HOD 8015D: DIESEL RANG | E ORGANICS | | | | | Analyst | JME | | | | |
| Diesel Ra | ange Organics (DRO) | 1100 | 99 | | mg/Kg | 10 | 3/27/2015 8:56:18 PM | 18351 | | | | |
| Motor Oil | Range Organics (MRO) | 1600 | 490 | | mg/Kg | 10 | 3/27/2015 8:56:18 PM | 18351 | | | | |
| Surr: D | DNOP | 0 | 63.5-128 | S | %REC | 10 | 3/27/2015 8:56:18 PM | 18351 | | | | |
| EPA MET | HOD 8015D: GASOLINE RA | NGE | | | | | Analyst | NSB | | | | |
| Gasoline | Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 3/30/2015 3:53:25 PM | 18355 | | | | |

80-120

0.047

0.047

0.047

0.094

80-120

30

101

ND

ND

ND

ND

107

310

%REC

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%REC

mg/Kg

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | В | Analyte detected in the associated Metho | d Blank |
|-------------|---|---|----|---|-------------|
| | E | Value above quantitation range | Н | Holding times for preparation or analysis | exceeded |
| | J | Analyte detected below quantitation limits | ND | Not Detected at the Reporting Limit | Page 1 of 5 |
| | 0 | RSD is greater than RSDlimit | Р | Sample pH Not In Range | rage rors |
| | R | RPD outside accepted recovery limits | RL | Reporting Detection Limit | |
| | S | Spike Recovery outside accepted recovery limits | | | |

| Hall Env | ironmental | Analysis | Laboratory, | Inc. |
|----------|------------|----------|-------------|------|
|----------|------------|----------|-------------|------|

WO#: 1503B87

01-Apr-15

| Client: Project: | Prid San | e Energy Compa Isidro # 6-16 | ny | | | | | 0 | | | | |
|---------------------|-------------|--|---------|-----------|--------------|-----------|-------------|--------------|------|----------|------|--|
| Sample ID | MB-18435 | MB-18435 SampType: MBLK TestCode: EPA Method 300.0: Ar | | | | | | | | | | |
| Client ID: | PBS | Batch | ID: 18 | 435 | RunNo: 25209 | | | | | | | |
| Prep Date: | 3/31/2015 | Analysis Da | 31/2015 | S | SeqNo: 7 | 45174 | Units: mg/k | (g | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Chloride | | ND | 1.5 | | | | | | | | | |
| Sample ID | LCS-18435 | SampTy | pe: LC | S | Test | tCode: El | PA Method | 300.0: Anion | IS | | | |
| Client ID: | LCSS | Batch | ID: 18 | 435 | R | RunNo: 2 | 5209 | | | | | |
| Prep Date: | 3/31/2015 | Analysis Da | te: 3/ | 31/2015 | S | SeqNo: 7 | 45175 | Units: mg/Kg | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Chloride | | 14 | 1.5 | 15.00 | 0 | 95.1 | 90 | 110 | | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

E Value above quantitation range

- J Analyte detected below quantitation limits
- RSD is greater than RSDlimit 0
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- Ρ Sample pH Not In Range

- Page 2 of 5

RL Reporting Detection Limit

Analyte

Surr: DNOP

Diesel Range Organics (DRO)

| Client: Pride En Project: San Isid | nergy Comp ro # 6-16 | any | | | | | | | | | | |
|---------------------------------------|---|----------|-----------|-------------|---------|-----------|--------------|---------|----------|--|--|--|
| Sample ID MB-18351 | SampT | уре: М | BLK | Tes | Code: E | PA Method | 8015D: Diese | Range | Organics | | | |
| Client ID: PBS | Batch ID: 18351 RunNo: 25073 | | | | | | | | | | | |
| Prep Date: 3/26/2015 | 3/26/2015 Analysis Date: 3/27/2015 SeqNo: 742950 Units: mg/Kg | | | | | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | | | |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | | | |
| Surr: DNOP | 9.7 | | 10.00 | | 97.5 | 63.5 | 128 | | | | | |
| Sample ID LCS-18351 | SampT | ype: LC | s | Test | Code: E | PA Method | 8015D: Diese | Range C | Organics | | | |
| Client ID: LCSS | Batch | n ID: 18 | 351 | R | unNo: 2 | 5073 | | | | | | |
| Prep Date: 3/26/2015 | Analysis D | ate: 3/ | 27/2015 | S | eqNo: 7 | 42951 | Units: mg/K | g | | | | |

SPK value SPK Ref Val

50.00

5.000

%REC

95.2

97.7

0

LowLimit

67.8

63.5

HighLimit

130

128

%RPD

RPDLimit

Hall Environmental Analysis Laboratory, Inc.

Result

48

4.9

PQL

10

Qualifiers: Value exceeds Maximum Contaminant Level.

E Value above quantitation range

*

J Analyte detected below quantitation limits

0 RSD is greater than RSDlimit

- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Sample pH Not In Range Р
- RL **Reporting Detection Limit**

Page 3 of 5

WO#: 1503B87 01-Apr-15

Qual

Qual

Hall Environmental Analysis Laboratory, Inc.

Analysis Date: 3/27/2015

PQL

5.0

Result

24

990

| Client: Project: | Pride E San Isio | nergy Compa dro # 6-16 | any | | 8 | | | | | | |
|---------------------|---------------------|---------------------------|---------|-----------|-------------|-----------|-----------|-------------|------------|----------|------|
| Sample ID | MB-18355 | SampTy | ype: ME | BLK | Tes | tCode: El | PA Method | 8015D: Gaso | oline Rang | e | |
| Client ID: | PBS | Batch | ID: 18 | 355 | F | RunNo: 2 | 5124 | | | | |
| Prep Date: | 3/26/2015 | Analysis Da | ate: 3/ | 27/2015 | S | eqNo: 7 | 42102 | Units: mg/k | ۲g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | | 910 | | 1000 | | 91.2 | 80 | 120 | | | |
| Sample ID | LCS-18355 | SampTy | pe: LC | S | Tes | tCode: El | PA Method | 8015D: Gaso | oline Rang | e | |
| Client ID: | LCSS | Batch | ID: 18 | 355 | R | unNo: 2 | 5124 | | | | |

SPK value SPK Ref Val %REC

0

25.00

1000

SeqNo: 742103

97.5

99.2

LowLimit

64

80

Units: mg/Kg

130

120

%RPD

RPDLimit

Qual

HighLimit

Qualifiers:

Prep Date:

Surr: BFB

Analyte

3/26/2015

Gasoline Range Organics (GRO)

* Value exceeds Maximum Contaminant Level.

- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range

RL Reporting Detection Limit

Page 4 of 5

pH Not In Range

L 1

| Hall Environmen | tal Anal | ysis I | Laborat | ory, Inc. | | | | | | 01-Apr-1 |
|-------------------------------------|---------------------------|----------|-----------|-------------|----------|-----------|-------------|-------|----------|----------|
| Client: Pride E Project: San Isi | Cnergy Comp dro # 6-16 | oany | | | | | | | | |
| Sample ID MB-18355 | Samp | Туре: МЕ | BLK | Tes | tCode: E | PA Method | 8021B: Vola | tiles | | |
| Client ID: PBS | Batc | h ID: 18 | 355 | F | RunNo: 2 | 5124 | | | | |
| Prep Date: 3/26/2015 | Analysis [| Date: 3/ | 27/2015 | S | SeqNo: 7 | 42123 | Units: mg/K | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.050 | 5 | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 103 | 80 | 120 | | | |
| Sample ID LCS-18355 | Samp | Type: LC | s | Tes | tCode: E | PA Method | 8021B: Vola | tiles | | |
| Client ID: LCSS | Batc | h ID: 18 | 355 | F | RunNo: 2 | 5124 | | | | |
| Prep Date: 3/26/2015 | Analysis [| Date: 3/ | 27/2015 | 5 | SeqNo: 7 | 42124 | Units: mg/k | ٢g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.1 | 0.050 | 1.000 | 0 | 110 | 76.6 | 128 | | | |
| Toluene | 1.1 | 0.050 | 1.000 | 0 | 106 | 75 | 124 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 104 | 79.5 | 126 | | | |
| Xylenes, Total | 3.1 | 0.10 | 3.000 | 0 | 103 | 78.8 | 124 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 109 | 80 | 120 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

E Value above quantitation range

- J Analyte detected below quantitation limits
- 0 RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Page 5 of 5

- Р Sample pH Not In Range
- RL **Reporting Detection Limit**

WO#: 1503B87

01-Apr-15

| HALL ENVIRONMENTAL ANALYSIS LABORATORY | Hall Environmental / Albu TEL: 505-345-3975 / Website: www.hal | Inalysis Labo 4901 Hawk querque, NM FAX: 505-34 lenvironment | sratory ins NE 87109 5-4107 al.com | ple Log-In Check List |
|---|---|--|--|-------------------------------------|
| Client Name: PRIDE ENERGY COMPA | Work Order Number: | 1503B87 | | RcptNo: 1 |
| Received by/date: | 03/26/15 | | | |
| Logged By: Lindsay Mangin | 3/26/2015 7:00:00 AM | | Junky Hongo | |
| Completed By: Lindsay Mangin | 3/26/2015 7:37:55 AM | | Junky Hango | |
| Reviewed By: Chain of Custody | 03/26/15 | - | | |
| 1 Custody seals intact on sample bottles? | | Yes | No 🗌 | Not Present |
| 2. Is Chain of Custody complete? | | Yes | No 🗌 | Not Present |
| 3. How was the sample delivered? | | Courier | | |
| Log In | | | | |
| 4. Was an attempt made to cool the samples | \$? | Yes 🖈 | No 🗌 | NA 🗌 |
| 5. Were all samples received at a temperatu | re of >0° C to 6.0°C | Yes 🛃 | No 🗌 | NA 🗔 |
| 6. Sample(s) in proper container(s)? | | Yes | No 🗌 | |
| 7. Sufficient sample volume for indicated test | t(s)? | Yes 🖈 | No 🗔 | |
| 8. Are samples (except VOA and ONG) prop | erly preserved? | Yes 🛃 | No 🗌 | |
| 9. Was preservative added to bottles? | | Yes | No 💌 | NA 🗆 |
| 10.VOA vials have zero headspace? | | Yes | No 🗆 | No VOA Vials 🛃 |
| 11. Were any sample containers received bro | ken? | Yes | No 🜌 | # of preserved |
| 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | | Yes 🛃 | No 🗌 | for pH: (<2 or >12 unless noted) |
| 13. Are matrices correctly identified on Chain | of Custody? | Yes 🖈 | No 🗌 | Adjusted? |
| 14. Is it clear what analyses were requested? | - | Yes 🛃 | No 🗌 | |
| 15. Were all holding times able to be met? (If no, notify customer for authorization.) | | Yes 🛃 | No 🗔 | Checked by: |

Special Handling (if applicable)

| ? Yes No NA |
|--------------------------------|
| Date: |
| Via: eMail Phone Fax In Person |
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17. Additional remarks:

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18. Cooler Information

| l | Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|---|-----------|---------|-----------|-------------|---------|-----------|-----------|
| l | 1 | 1.5 | Good | Yes | | | |

Page 1 of 1

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| С | hain- | of-Cu | stody Record | Turn-Around | Time: | | | | | | | | | | | 20 | A I A | | | | - |
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| | 1 | | 0) - 44 | Project Name | i da | | | | | | www | v.hal | lenv | ironr | nent | al.co | om | | | | |
| Mailing | Address | PDB | NY 701950 | Dan I | No | 6-16 | | 490 | 01 H | awki | ins N | 1E - | Alb | uque | erqu | e, NI | M 87 | 109 | | | |
| - | Tulso | OK | 74170-1950 | Project #: | | | | Те | I. 50 | 5-34 | 15-39 | 975 | F | ax | 505- | 345- | 410 | 7 | | | |
| Phone # | ¥: | 918 | 524-9200 | | | | | | | | | A | naly | sis | Req | uest | t | | | | |
| email or | Fax#: | 918 | 524-9292 | Project Mana | ger: | | ÷ | (ylu) | R0 | | | | | 04) | ŝ | | | | | | |
| QA/QC F | Package: | | | mat | H Pride | 2 | 802 | as c | W/W | | | (SV | | 04,S | CB | | | | | | |
| Stan | dard | | Level 4 (Full Validation) | 1.10 |) // | | B's | 9 T | SR(| | | VIS (| |)2,P(| 82 P | | | | | | |
| | AP | □ Othe | r | Sampler: | L. M. | -No. | A | IP | 10 | 8.1) | 1.1 | 8270 | | 3,NC | / 80 | | A | 2 | | | L N |
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| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | | BTEX + MH | BTEX + MT | TPH 8015B | TPH (Metho | EDB (Metho | PAH's (8310 | RCRA 8 Me | Anions (F,C | 8081 Pestic | 8260B (VO/ | 8270 (Semi- | Chlor | | | Air Bubbles |
| 3/25/18 | 11:00 | Soil | Londform | 1-102 | 6001 | -201 | Х | | X | | | | | | | | | Х | | | |
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| Date: | Time: | Relinquishe | ad by: | Received by: | H a | 37415070 | | | | | | | | | | | | | | | |