

September 07, 2012

JEREMY HAASS

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: SANTA FE SWD

Enclosed are the results of analyses for samples received by the laboratory on 09/06/12 13:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

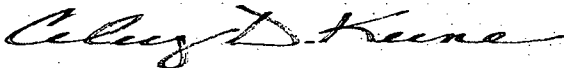
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Caley D. Keene

Lab Director/Quality Manager

Analytical Results For:

Yates Energy Petroleum Corp
JEREMY HAASS
105 S 4th Street
Artesia NM, 88210
Fax To: (505) 748-4635

Received: 09/06/2012
Reported: 09/07/2012
Project Name: SANTA FE SWD
Project Number: 103-2636
Project Location: EDDY COUNTY, NM

Sampling Date: 09/06/2012
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: S2 4' (H202139-01)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2640 | 16.0 | 09/07/2012 | ND | 416 | 104 | 400 | 3.92 | |

Sample ID: S2 6' (H202139-02)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 9200 | 16.0 | 09/07/2012 | ND | 416 | 104 | 400 | 3.92 | |

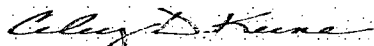
Sample ID: S2 8' (H202139-03)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2600 | 16.0 | 09/07/2012 | ND | 416 | 104 | 400 | 3.92 | | |

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

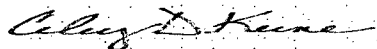
Notes and Definitions

| | |
|-----|---|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

| Company Name: YPC | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|--------------------|--------------|------------------|------------|---------|-----|----------|-------|-----------|------------|-------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|
| Project Manager: Jeremy Haass | | P.O. #: 103-2636 | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: | | Company: YPC | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Artesia State: NM Zip: 88210 | | Attn: Jeremy Haass | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: Fax #: | | Address: | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: Project Owner: Jeremy Haass | | City: | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Santa Fe SLD | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Eddy | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Jeremy Haass | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | MATRIX | | PRESERV | | SAMPLING | | | | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | GRAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER | ACID/BASE | ICE / COOL | OTHER | DATE | TIME | | | | | | | | | | | | |
| H202139 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | S2 4' | | 1 | | | X | | | | X | | | | | | | | | | | | | | | | |
| 2 | S2 6' | | 1 | | | X | | | | X | | | | | | | | | | | | | | | | |
| 3 | S2 8' | | 1 | | | X | | | | X | | | | | | | | | | | | | | | | |

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| | | | |
|--|---|--------------|---|
| Relinquished By: | Date: 9/6/12 Time: 1:55 | Received By: | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS: Rush |
| Relinquished By: | Date: | Received By: | Add'l Phone #: Add'l Fax #: |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | CHECKED BY: | |

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

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