MARTIN YATES, III

FRANK W, YATES

5.P YATES



105 SOUTH FOURTH STREET

ARTESIA, NEW MEXICO BB210-211B

TELEPHONE (575) 748-1471

JOHN A. YATES CHAIRMAN OF THE BOARD

JOHN A. YATES JR.

JOHN D. PERINI
EXEGUTIVE V.R. OF MONETIZATION
CHIEF FINANCIAL OFFICER

JAMES S. BROWN

November 6, 2014

Mr. Mike Bratcher NMOCD District II 811 S. First St. Artesia, NM 88210

Re:

Central Dagger Draw Water Station

Section 3, T20S-R24E Eddy County, New Mexico

Dear Mr. Bratcher,

Yates Petroleum Corporation is submitting the enclosed work plan for the above captioned well. The plan is being submitted in response to the C-141 reports dated September 11, 2014 and October 8, 2014.

If there are no objections with the scope of work described in the plan, Yates will have a contractor begin work on or after the day of November 24, 2014.

If you have any questions, feel free to call me at (575) 748-4171

Thank you.

YATES PETROLEUM CORPORATION

Chase Settle Environmental Regulatory Agent

Enclosure(s)

Yates Petroleum Corporation

Central Dagger Draw Water Station Work Plan

Section 3, T20S-R24E

Eddy County, New Mexico

November 6, 2014

I. Location

The release is located approximately 15 miles south of Artesia and 11 miles west on Rock Daisy Road.

II. Background

On September 11, 2014, Yates submitted to the NMOCD District II office a Form C-141 for the release of 40 B/PW with 25 B/PW recovered. The area affected is approximately 50 feet by 50 feet east of the pump house in the bermed battery. The release was caused by the failure at a Halliburton meter. Then on October 08, 2014, Yates submitted to the NMOCD District II office a Form C-141 for the release of 20 B/PW with 10 B/PW recovered. The affected area is approximately 150 feet by 50 feet within the second bermed battery of the pump house, and an area approximately 50 feet by 50 feet being in a lined and bermed portion of the battery. The release was due to an overflow of a produced water tank and strong rains caused the release to flow over a lined battery berm into an unlined, but bermed area around the pump house. Initial delineation samples were taken (10/28/2014) and sent to a NMOCD approved laboratory (11/04/2014, results enclosed).

III. Surface and Ground Water

Area surface geology is Cenozoic Quaternary. The ChevronTexaco Trend Map displays at this location (Section 3, T20S-R24E) that depth to groundwater is approximately 228' feet making the site ranking for this site a zero (0). Watercourses in the area are dry except for infrequent flows in response to major precipitation events.

The ranking for this site is ten (0) based on the as following:

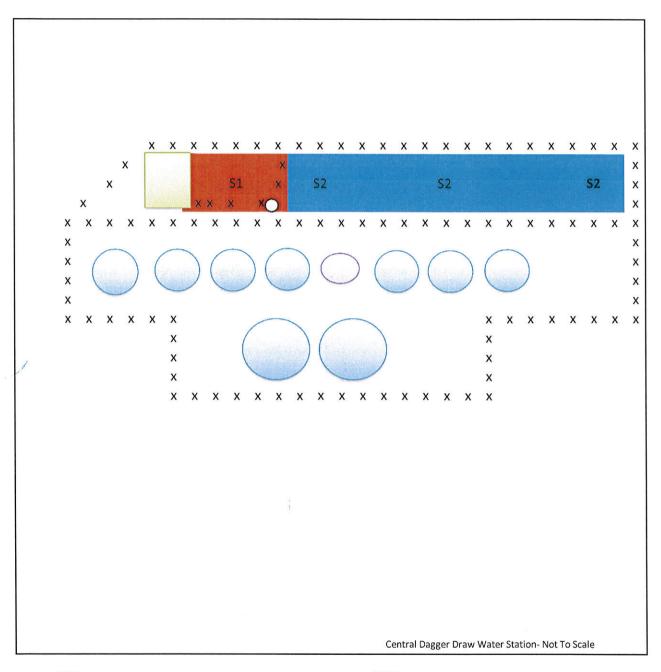
Depth to ground water > 100'
Wellhead Protection Area > 1000'
Distance to surface water body > 1000'

IV. Soils

The area consists of soils that are caliche and loamy top soil and are interspersed with clay seams providing a low permeability barrier to retard vertical percolation of contaminants into the subsurface.

V. Scope of Work

Based on enclosed analytical results, the depth to groundwater (228'), and an impenetrable rock layer, Yates Petroleum Corporation proposes to excavate all soil above the rock layer in the S2 sample area (approximately 2 feet), then backfill with two (2) feet of caliche. All excavated soil will be hauled to a NMOCD approved facility for disposal. The solid rock layer (which a backhoe was unable to break through at multiple locations during sampling) at this location has served, and will serve as a natural barrier to any releases that may occur. The TPH & BTEX are within the RRAL's for BTEX (50 ppm) and TPH (5000 ppm) for the Total Ranking Score of zero (0), no further analytical testing of TPH and/or BTEX will be conducted (all chloride analytical results are for documentation). When remediation work is completed a C-141, Final Report, analytical results and a site sample diagram will be submitted to the NMOCD and request closure of the site.



S1 Release Area (8/27/14)

S1 Sample Point

S2 Release Area (9/23/14)

S2 Sample Point

| H401923 | Sample Area | Sample Date | Sample Type | Depth | BTEX | GRO | DRO | Chlorides |
|-------------------|--------------|-------------|-------------|-------|------|-------|-------|-----------|
| S1-1' | Release Area | 6/19/2014 | Backhoe | 1' | <0.3 | <10.0 | 80.8 | 1410 |
| S2-1 ['] | Release Area | 6/19/2014 | Backhoe | 1' | <0.3 | <10.0 | <10.0 | 5680 |

Site Ranking is Zero (0). >100' (228', Section 3, T20S-R24E, Trend Map

All results are ppm. Chlorides for documentation

Released: 40 B/PW; Recovered: 25 B/PW Release Date: 08/27/2014 Released: 20 B/PW; Recovered: 10 B/PW Release Date: 09/23/2014



November 04, 2014

CHASE SETTLE
YATES PETROLEUM CORPORATION
105 S 4th Street
Artesia, NM 88210

RE: CENTRAL DAGGER DRAW WATER STATION

Enclosed are the results of analyses for samples received by the laboratory on 10/30/14 11:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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.

Celeg D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

YATES PETROLEUM CORPORATION CHASE SETTLE 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:

10/30/2014

Sampling Date:

10/28/2014

Reported:

11/04/2014

Sampling Type:

Soil

Project Name:

CENTRAL DAGGER DRAW WATER STATI-

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Kathy Perez

Project Location:

NOT GIVEN

Sample ID: S1-1' (H403350-01)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | - | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|---|---------------|-------|--------------------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/31/2014 | ND | 2.02 | 101 | 2.00 | 12.4 | |
| Toluene* | <0.050 | 0.050 | 10/31/2014 | ND | 1.92 | 96.2 | 2.00 | 12.9 | man literal levens |
| Ethylbenzene* | <0.050 | 0.050 | 10/31/2014 | ND | 1.81 | 90.7 | 2.00 | 12.2 | |
| Total Xylenes* | <0.150 | 0.150 | 10/31/2014 | ND | 5.39 | 89.8 | 6.00 | 11.5 | |
| Total BTEX | <0.300 | 0.300 | 10/31/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 103 | % 61-154 | | | | *************************************** | | | |
| Chloride, SM4500CI-B | mg/ | 'kg | Analyze | ed By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 352 | 16.0 | 10/31/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg, | /kg | Analyze | ed By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 10/31/2014 | ND | 181 | 90.3 | 200 | 0.617 | |
| DRO >C10-C28 | <10.0 | 10.0 | 10/31/2014 | ND | 178 | 89.1 | 200 | 5.97 | |
| Surrogate: 1-Chlorooctane | 117 | % 47.2-157 | • | | | | | | |
| Surrogate: 1-Chlorooctadecane | 153 | % 52.1-176 | | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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Analytical Results For:

YATES PETROLEUM CORPORATION CHASE SETTLE 105 S 4th Street Artesia NM, 88210 (505) 748-4635 Fax To:

Received:

10/30/2014

Sampling Date:

10/28/2014

Reported:

11/04/2014

Sampling Type:

Soil

Project Name:

CENTRAL DAGGER DRAW WATER STATI

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sample Received By:

Kathy Perez

Sample ID: S2-1' (H403350-02)

| BTEX 8021B | mg/ | kg | Analyze | d By: ms | | | | | |
|--------------------------------------|--------|-----------------|--------------|--------------|------|---|---------------|-------|---|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/31/2014 | ND | 2.02 | 101 | 2.00 | 12.4 | |
| Toluene* | <0.050 | 0.050 | 10/31/2014 | ND | 1.92 | 96.2 | 2.00 | 12.9 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/31/2014 | ND | 1.81 | 90.7 | 2.00 | 12.2 | |
| Total Xylenes* | <0.150 | 0.150 | 10/31/2014 | ND | 5.39 | 89.8 | 6.00 | 11.5 | |
| Total BTEX | <0.300 | 0.300 | 10/31/2014 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PIL | 105 9 | % 61-154 | | | | 57 - 11 - 15 - 15 - 15 - 15 - 15 - 15 - | | | |
| Chloride, SM4500CI-B | mg/kg | | Analyze | d By: AP | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4360 | 16.0 | 10/31/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg, | 'kg | Analyze | d By: ms | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 10/31/2014 | ND | 181 | 90.3 | 200 | 0.617 | |
| DRO >C10-C28 | <10.0 | 10.0 | 10/31/2014 | ND | 178 | 89.1 | 200 | 5.97 | |
| Surrogate: 1-Chlorooctane | 113 | % 47.2-15 | 7 | | | | | | *************************************** |
| Surrogate: 1-Chlorooctadecane | 165 | % 52.1-17 | 6 | | | | | | |

Cardinal Laboratories *=Accredited Analyte

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Calley D. Freeno



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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