1R- 425-72

REPORTS

DATE:

11-13-0

1R425-72

Vacuum Jct J-7 2009

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APR - 6 2010 Environmental Bureau Oil Conservation Division

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CLOSURE

RECEIVED

6 2010 APR

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

Environmental Bureau

Oil Conservation Division

| | | | | BOX LOCA | TION | | | | |
|---|--|--|--|---|--|----------------------|---|---|----------------|
| SWD SYSTEM | JUNCTION | UNIT | SECTION | TOWNSHIP | RANGE | COUN | TY BOX D | DIMENSIONS | - FEET |
| | | J | 7 | 18S | 35E | Lea | Length | Width | Depth |
| Vacuum | Jct. J-7 | J | · · · · · · · · · · · · · · · · · · · | 103 | | Lea | | eliminated | |
| LAND TYPE: | BLM | STATE X | FEE LA | NDOWNER | | | OTHER | | |
| Depth to Grou | ndwater | 88 | feet | NMOCE | SITE ASS | ESSME | NT RANKING | SCORE: | 10 |
| Date Started | 6/18/ | 2009 | Date Co | mpleted | 6/18/2009 | 0 | CD Witness | n |) |
| Soil Excavated | n/a | cubic ya | rds Exc | cavation Ler | ngth <u>n/a</u> | v | /idthn/a | _ Depth | n/a |
| Soil Disposed | 00 | cubic ya | rds Of | fsite Facility | n | /a | Location | l | n/a |
| INAL ANALYTI | CAL RE | SULTS: | Samp | le Date | 6/18/200 | 9 | Sample De | epth | 7 ft |
| TPH and Chloride la testin | aboratory tes g procedure | st results co es pursuant | mpleted by to NMOCD | using an app guidelines. | proved lab a | and | - | epth | |
| TPH and Chloride la | boratory tes | st results co es pursuant | mpleted by | using an app | | and | - | <u> </u> | TESTS |
| FPH and Chloride la testin Sample | aboratory tes g procedure PID (fie | es pursuant es pursuant eld) G me | mpleted by to NMOCD | using an app guidelines. | proved lab a | and | CHLOF | | TESTS |
| TPH and Chloride la testin Sample Location | aboratory tes g procedure PID (fie ppm | es pursuant es pursuant eld) G me | mpleted by to NMOCD RO g/kg | using an app guidelines. DRO mg/kg | proved lab a Chloride mg/kg | and | CHLOF | |) TESTS |
| TPH and Chloride la testin Sample Location SB #1 7' GRAB | Boratory tes g procedure PID (fie ppm 0.0 | et results cc es pursuant eld) G me <1 | RO g/kg | using an app guidelines. DRO mg/kg <10.0 | Chloride mg/kg 48 | and | CHLOF LOCATION background vertical | DEPTI 6" |) TESTS |
| TPH and Chloride la testin Sample Location | PID (fie ppm 0.0 of Remedia | et results co es pursuant eld) G me <1 al Action: | mpleted by to NMOCD g/kg 0.0 This junctior | using an app guidelines. DRO mg/kg <10.0 | Chloride Mg/kg 48 sed during th | and | CHLOF LOCATION background vertical delineation at | RIDE FIELD |) TESTS H m |
| TPH and Chloride la testin Sample Location SB #1 7' GRAB | PID (fie ppm 0.0 of Remedia | et results co es pursuant (d) G (ms) <1 (1) C (1) (1) C (1) | mpleted by to NMOCD g/kg 0.0 This junctior igation was c | using an app guidelines. DRO mg/kg <10.0 | Chloride Mg/kg 48 sed during th | and | CHLOF LOCATION background vertical | DEPTI 6" 3' 4' |) TESTS H m |
| TPH and Chloride la testin <u>Sample</u> Location SB #1 7' GRAB eneral Description | PID (fie ppm 0.0 of Remedia Abandonmer | et results co es pursuant eld) G mg <1 al Action: at An invest illing rig to c | mpleted by to NMOCD R0 g/kg 0.0 This junctior igation was c ollect soil sar | using an app guidelines. DRO mg/kg <10.0 n was address onducted at to nples at regul | Chloride mg/kg 48 sed during th he former | and | CHLOF LOCATION background vertical delineation at the junction | RIDE FIELD |) TESTS H m |
| TPH and Chloride la testin Sample Location SB #1 7' GRAB eneral Description acuum SWD System A | PID (fie ppm 0.0 of Remedia Abandonmer a air-rotary dr | et results cc es pursuant (Id) G (mit) (Al Action: (Il An invest (Illing rig to c (In each sam | mpleted by to NMOCD g/kg 0.0 This junctior igation was c ollect soil san ple which yie | using an app guidelines. DRO mg/kg <10.0 n was address onducted at t nples at regul | Chloride mg/kg 48 sed during th he former lar intervals. centrations | and | CHLOF LOCATION background vertical delineation at the junction | RIDE FIELD DEPTI 6" 3' 4' 5' 6' |) TESTS H m |
| TPH and Chloride la testin Sample Location SB #1 7' GRAB eneral Description acuum SWD System A notion box site using a notion box site using a | PID (fie ppm 0.0 of Remedia Abandonmer a air-rotary dr e performed o | et results co es pursuant eld) G mg <1 al Action: at An invest illing rig to co on each sam aple. Organi | mpleted by to NMOCD R0 g/kg 0.0 This junctior igation was c ollect soil sar ple which yie ic vapors wer | using an app guidelines. DRO mg/kg <10.0 n was address onducted at t nples at regul idded low cond re measured u | Chloride mg/kg 48 sed during th he former lar intervals. centrations using a PID | ne | CHLOF LOCATION background vertical delineation at the junction (source) | RIDE FIELD 0EPTI 6" 3' 4' 5' 6' 7' |) TESTS H m |
| TPH and Chloride la testin Sample Location SB #1 7' GRAB eneral Description acuum SWD System A notion box site using a notion box site using a notion box site using a | PID (fie ppm 0.0 of Remedia Abandonmer a air-rotary dr performed o ckground san | at results cc es pursuant (d) G (m) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c | This junction igation was collect soil sample which yie ic vapors wer | using an app guidelines. DRO mg/kg <10.0 n was address onducted at t mples at regul elded low conducted re measured u 7 ft BGS, was | Chloride mg/kg 48 sed during th he former lar intervals. centrations using a PID s sent to a c | and ne ommerci | CHLOF LOCATION background vertical delineation at the junction (source) | RIDE FIELD | D TESTS |

is expected to return to a productive capacity at a normal rate.

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enclosures: photos, lab results, PID (field) screenings, chloride curve

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

| | Jordan Woodfin | | - lander Was | df | COMPANY | RICE OPERATING COMPANY |
|------------------------|-----------------------|-------------|--------------|----------|---------|------------------------|
| REPORT ASSEMBLED BY | Katie Jones | INITIAL | Ŕ) | V | | |
| PROJECT LEADER | Larry Bruce Baker Jr. | - SIGNATURE | Lanus Barre | Baher In | DATE | 11-12-09 |
| - | | | 0 | | | |

Vacuum Jct. J-7



drilling SB #1 at the former junction box site

6/18/2009



Unit J, Section 7, T18S, R35E





seeding backfilled site



PHONE (575) 393-2326 « 101 E. MARLAND « HOBES, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: DARNELL MITCHELL 122 W. TAYLOR HOBES, NM 88240

Receiving Date: 06/19/09 Reporting Date: 06/22/09 Project Number: NOT GIVEN Project Name: SB#1 @ 7' Project Location: VACUUM CORNER J-7 /Zampling Date: 06/18/09 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: AB/HM

CI*

GRO DRO $(C_6 - C_{10}) (> C_{10} - C_{28})$ (ma/ka) (ma/ka)(mg/kg)

LAB NUMBER SAMPLE ID

| ANALYSIS DATE | 06/20/09 | 06/20/09 | 06/19/09 |
|-----------------------------|----------|----------|----------|
| H17674-1 SB#1@7 | <10.0 | <10.0 | 48 |
| | | | |
| | | | |
| | | | |
| | | | |
| Quality Control | 514 | 551 | 500 |
| True Value QC | 500 | 500 | 500 |
| % Recovery | 103 | 110 | 100 |
| Relative Percent Difference | 4.0 | 5.7 | <0.1 |

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI': Std. Methods 4500-CI'E *Analysis performed on a 1:4 w:v aqueous extract. Reported on wet weight.

Chemist

06/23/09

H17674 TOL RICE

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| Pageol | ANALYSIS REQUEST | | | | | | | | | | | | The the Termis and Conditions: Inferest will be changed on all accounts more than 20 days print due at the rate of 24% per annum from the original case of anone. and should be accounted on collections, including adviruely sheet. | Result: D No Add'I Phone #: sult: D No Add'I Fax #: rits: | KESUITS B. Baller @ Rice Sup . Cont | DURUS @ Rice SWD . COM |
|--|------------------|-----------------------------------|-------------------|-----------------|----------|-----------------------------|---------------|--|-------------------------------------|---------------|------|-----|--|---|--|---|
| | BITT LO | P.O.#: | Company: SAME | Attn: | | City: State Zin | :#: | MATRIX PRESERV SAMPLING | / COOF 2)3782E: 165 : 106E | 24W | | | All administration of local constraints of local local funded to the amount paid by the chient unters more in vinning and received by Caratinal values 20 aays after completion of an towards intermetions, loss of usa, ar loss of modification at the dual by subsid- ation of the set of the set of usa. | 151 of UNIT PLACE CONTRACTION OF THE ADARCE STATE (PLICE) RESULTS OF OUR CONTRACTION OF THE ADARCE STATE ADARC | Le Contra de la co | Sample Condition CHECKED BY: Cool Intact Cool Intact Trues Yes No 1 140 |
| ARDINAL LABORATORIES 101 East Marland, Holbs, NM 88240 (575) 393-2326 Fax (575) 393-2476 | RICE OPERATIO | Project Manager Darkwell Mitchell | 2 W. Tarler | | | S & C (D) Project Owner: | | | Sample I.D. | | | | of SASE ADTE: That dip and Pennages Cardinals Raddip and chearts exclusive stands, for any claim alrefacture landing and regional perioding round and paid by the client for the control or of the addition of the additional standards stand to decreat wheat unless marked in contract or fort, shall be finded to the amount paid the client of the applicable control or of the additional to made for regionance of standards standards without the additional standard of the additional standards and the additional of the additional to additional the additional standards additional standards additional standard of the additional standards additional additional standards additional additional standards additional additional standards additional standards additional standards additional standards additional standards additional additional standards additional additional standards additional standards additional standards additional additional standards additional additional additional additionadditional additionadditionaddity additiona | Saintyler Redunder States under a province of service inserves inserves breands (searched readouts) or wir Saintyler Redunduisbad: Von und the first for the 22 | le/19/09 Receive | |
| AR | Company Name: | Project Manager | Address: 12.2. U. | sity: µ්∂ko koS | Phone #: | Project #: Project Name: | ect Location: | Patrick in the manual state of the second stat | Lab I.D. | HTTMAL SEALON | | . 1 | PA EARE ROTE: Tracilly and constants of prints in thomas and the states of prints and Car | Sampler Relingu | Reimquished By: | Delivered By: (Ĉircle Ône) Sampler-UPS - Bus - Other |

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Eardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

RICE OPERATING COMPANY

122 West Tayor Hobbs, NM 88240 PHONE: (575) 393-9174 FAX: (575) 397-1471 PID METER CALIBRATION & FIELD REPORT FORM

Model: PGM 7300 Model: PGM 7300 Model: PGM 7300 Serial No: 590-000183 Serial No: 590-000508 Serial No: 590-000504

Model: PGM 7600 Model: PGM 7600 Model: PGM 7600



GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

| LOT NO : | 3604 | EXPIRATION DATE: $10 - 9 - 10$ |
|------------|--------|--------------------------------|
| FILL DATE: | 0-9-09 | METER READING ACCURACY: (P D |

ACCURACY : +/- 2%

| SYSTEM | JUNCTION | UNIT | SECTION | TOWN SHIP | RANGE |
|---------|-------------|------|---------|-----------|-------|
| laciusm | J-7 Corvage | J | 7 | 185 | 35E |

| SAMPLE ID | तात | SAMPLE ID | <u>UI4</u> |
|-----------|------|------------|------------|
| 3′ | 5.0 | Background | |
| L I | 5.0 | | 0 |
| 5 | 0 | | |
| le" | D. 1 | | |
| 7' | 0 | | |
| | | | |
| | | | |
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| | | | |
| | | | |

) verify that I have calibrated the above instrument in accordance to the manufacture operation manual

- Inductively-SIGNATIE

DATE 10-18-07

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

Vacuum Jct. J-7 Unit 'J', Sec. 7, T18S, R35E

Soil Bore samples at the junction (source)

| [Ċľ] pṗm | 217 | 204 | 128 | 172 | 134 |
|----------------|-----|-----|-----|-----|-----|
| Depth bgs (ft) | 3 | 4 | 5 | 9 | 7 |

Groundwater = 88 ft

