1R - 427 - /20

REPORTS

DATE:

1-11-01

| 1 | | | | |
|---|--|--|--|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| 1 | | | | |
| | | | | |
| | | | | |
| | | | | |
| 1 | | | | |
| | | | | |
| | | | | |
| Ì | | | | |
| | | | | |
| | | | | |
| | | | | |
| 1 | | | | |
| l | | | | |
| i | | | | |
| ı | | | | |
| L | | | | |
| | | | | |
| ı | | | | |
| ı | | | | |
| | | | | |
| | | | | |
| | | | | |
| 1 | | | | |
| | | | | |
| | | | | |
| ı | | | | |
| L | | | | |
| 1 | | | | |
| П | | | | |
| L | | | | |
| | | | | |
| ı | | | | |
| ı | | | | |
| 1 | | | | |
| ı | | | | |
| ı | | | | |
| ı | | | | |
| L | | | | |
| П | | | | |
| L | | | | |
| ı | | | | |
| П | | | | |
| 1 | | | | |
| L | | | | |
| 1 | | | | |
| L | | | | |
| ı | | | | |
| L | | | | |
| ı | | | | |
| L | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| l | | | | |
| 1 | | | | |
| 1 | | | | |
| 1 | | | | |
| 1 | | | | |
| 1 | | | | |
| 1 | | | | |
| 1 | | | | |
| 1 | | | | |
| 1 | | | | |
| 1 | | | | |
| 1 | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| 1 | | | | |
| | | | | |
| 1 | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| - | | | | |
| | | | | |
| 1 | | | | |
| | | | | |
| | | | | |
| | | | | |

427-120

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

BOX LOCATION

| Γ | SWD SYSTEM | JUNCTION | UNIT | SECTION | TOWNSHIP | RANGE | COUNTY | BOX D | IMENSIONS - | FEET |
|------|------------------|----------------|---------------|--------------|----------------|----------------------------------------|--------------|--------------|--------------|-------------|
| ſ | | D 7 | _ | 7 | 01.0 | 20. [| 1 | Length | Width | Depth |
| L | E.M.E. | D-7 | D | 7 | 21 S | 36 E | Lea | 7` | 5` | 4 |
| | LAND TYPE: | BLM | STATE | FEE L | ANDOWNER | Billie L | ois Sartin | OTHER | ₹ | |
| İ | Depth to Grou | ndwater | 157` | feet | NMOCD | SITE ASSE | SSMENT F | RANKING S | CORE: | 0 |
| | Date Started | 01/11 | /2001 | Date Co | mpleted | 01/11/2001 | | Vitness | N | 0 |
| 9 | Soil Excavated | 36 | cubic ya | ards Ex | cavation Len | igth 9°. | Width | 7` | Depth | feet |
| | Soil Disposed | 36 | cubic ya | ards Offsite | Facility Su | undance Dis | sposal Facil | ity Locati | on Eu | ınice, NM |
| FINA | AL ANALYTIC | AL RESULT | S: | Samp | le Date | January 11 | l, 2001 | Sample De | epth | 7` bgs |
| | Pro | ocure 5-poir | nt composite | e sample o | f bottom and | 4-point com | nposite sam | ple of sidev | valls. TPH. | |
| | | | hloride labo | ratory test | results comp | oleted by us | ing an appr | | | |
| | | | ţ | procedures | pursuant to | NMOCD gu | idelines. | | | |
| | Sample | Benzen | e Tolu | iene Et | hyl Benzene | Total Xvier | nes Gi | RO | DRO | Chlorides |
| | Location | mg/kg | i i | ı/kg | mg/kg | mg/kg | | /kg | mg/kg | mg/kg |
| S | IDEWALLS | <0.002 | <0. | 002 | <0.002 | <0.006 | | 50 | <50 | 455 |
| | BOTTOM | <0.002 | <0. | 002 | <0.002 | <0.006 | <: | 50 | <50 | 621 |
| | eral Description | | | | | | | | RIDE FIELD | 12313 |
| | lelines. The hi | | | | | | | OCATION | DEPTH | |
| | ility and replac | | | | | | | DEWALLS | 5` bgs | 400 ppm |
| | barrier to vert | tical transmi | ssivity and a | a water tigh | nt junction bo | x was | | BOTTOM | 7` bgs | 575 ppm |
| nsta | alled. | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | _ | | | |
| | | | | | | | _ | | | |
| | | | · . | | | | — | · · · · | | |
| | | | | | | | | | | |
| | | <u> </u> | | | | ······································ | | | | |
| | | | | | | | L | | | |
| | | | | | | | | | | |
| | l hereh | ov certify tha | it the inform | ation abov | e is true and | complete to | the hest o | f my knowle | dge and be | ief |
| TAC | | Janua | | | | TED NAME | | _ | _ | |
| | | 11. | S.A | | | TIT | 240-241 | Environ- | ntal Tachair | ion |
| וטוג | NATURE | mis | NOON | rgue_ | | !!!LE | | EUNIOUME | ntai rechnic | lall |



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 - 101 E. MARLAND - HOBBS, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: JAMES STURGILL 122 W. TAYLOR HOBBS, NM 88240

FAX TO:

Receiving Date: 01/11/01 Reporting Date: 01/15/01

Project Number: D-7 S-B

Project Name: JET D7-SIDES AND BOTTOM Project Location: U7 SEC7 T21S R36-EME

Sampling Date: 01/11/01 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: GP Analyzed By: BC/AH

| | GRO | DRO | |
|----------------------|------------------------------------|--------------------------------------|---------|
| • | (C ₆ -C ₁₀) | (>C ₁₀ -C ₂₈) | CI |
| LAB NUMBER SAMPLE ID | (mg/Kg) | (mg/Kg) | (mg/Kg) |

| ANALYSIS DATE | 01/11/01 | 01/11/01 | 01/12/01 |
|-----------------------------|----------|----------|----------|
| H5514-1 SIDE | <50 | <50 | 455 |
| H5514-2 BOTTOM | <50 | <50 | 621 |
| Quality Control | 727 | 701 | 994 |
| True Value QC | 800 | 800 | 1000 |
| % Recovery | 90.9 | 87.6 | 99.4 |
| Relative Percent Difference | 10.8 | 2.0 | 1.0 |

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CIT: Std. Methods 4500-CITB

PLEAST TEAMINY and Damages. Cardinal's flability and client's exclusive remedy for any claim enteing, whether pased in contract or ton, shall be limited to the amount paid by client for analyses.

All claims, including those for mighigence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hareunder by Cardinal. Tegardless of whether such olaim is based upon any of the above-stated reasons or otherwise.



PHONE (915) 673-7001 + 2111 BEECHWOOD - ABILENE, TX 72603

PHONE (505) 393-2326 - 101 E. MARLAND . HOBBS, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: JAMES STURGILL 122 W. TAYLOR HOBBS, NM 88240 FAX TO:

Receiving Date: 01/11/01 Reporting Date: 01/15/01 Project Number: D-7 S-B

Project Name: JCT D7 SIDES AND BOTTOM

Project Location; V2 SEC 7 T21S R36 - EME

Sampling Date: 01/11/01 Sample Type: SOIL

Sample Condition: COOL, INTACT

Sample Received By: GAP

Analyzed By: JA

| LAB NUMBER | SAMPLE ID | BENZENÉ (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|-----------------|---------------|--------------------|--------------------|-----------------------------|-----------------------------|
| ANALYSIS DAT | TE . | 01/14/01 | 01/14/01 | 01/14/01 | 01/14/01 |
| H5514-1 | SIDE | <0.002 | <0.002 | <0.002 | <0.006 |
| H6514-2 | BOTTOM | <0.002 | <0.002 | <0.002 | <0.006 |
| Quality Control | | 0.105 | 0.116 | 0.101 | 0.313 |
| True Value QC | | 0,100 | 0.100 | 0.100 | 0.300 |
| % ACCUTECY | | 105 | 116 | 101 | 104 |
| Relative Percer | it Difference | Ō | 5,5 | 5.6 | 7.4 |

METHOD: EPA SW 846-8020, 5030, Gas Chromatography

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ō

Page

*ARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476 (915) 673-7001 Fax (915) 673-7020

30 days past due at the rate of 24% per arrum from the original date of invoice and all costs of collections, including attoency's bees. ANALYSIS REQUEST ?0 Phone Result: Fax Result: REMARKS: 1.30 23 TIME emount paid by the chart for the SAMPLING OL 7118 2 DATE <u></u> Zlp: or tort, shed be lented to the : ЯЗНТО PRESERV Company: ICE / COOF Address: Phone #: P.O. # State: Fax#: ACID/BASE: Attn: Clty: : ЯЗНТО SEUDGE Company MATRIX -EME сваре оіг 88340 ttom ROIF **ABTAWBTSAW** Bot R 36 State: // WZIp: Duckating (G) RAB OR (C)OMP. Stuz 9:6 Sides AND Project Owner: 215 ナンス 1441 /华* BOTTOM Sample I.D. 5106 3 505.3929, JAMES U7 50e AMPA 10 12 Fing 77 Jetby-2-0 7 roject Manager: roject Location: ompany Name: ampler Name: roject Name: EASE NOTE: LEARLY FOR LAB USE ONLY 715517 Lab I.D. roject #: hone #: ddress: Ή;

syste. At claims including those for impleance and any other cause whethoover shall be deemed waked whose inside in willing and received by Cardinal within 30 days after completion of the applicable vice. In no event shall Cardinal be table for inclosing incurred by claim, its subsidiaries, in no event shall Cardinal be table for inclosing or consequental damages, including without instable, business interruptions, one to see of profits incurred by claim, its subsidiaries, ampler Relinquished

Date: Time: PM

Add'l Phone #: Add'l Fax #:

0 Yes

CHECKED BY: (Initials) Sample Condition Received By; (Lab Staff), Cool Intact
Myes Nyes
No V) No 0 Sampler UPS - Bus - Other: Delivered Bv: (Circle One) elinquished By:

Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 LEASE OPERATOR/SHIPPER/COMPANY: LEASE NAME: TRANSPORTER COMPANY: TIME: AM/PM DATE: **VEHICLE NO.: DRIVER NO.: CHARGE TO:** TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Completion Fluids [] Tank Bottoms [] Contaminated soil [] C-117 No.: ___ [] Other Material: [] BS&W Content: ____ Description: _ VOLUME OF MATERIAL [] BBLS. _____ : [] YARD ____ : AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

FACILITY REPRESENTATIVE: _

Revised 12/27/95

(SIGNATURE)

White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter

P.O. Box 1737 * Eunice, NM 88231

(505) 394-2511 LEASE OPERATOR/SHIPPER/COMPANY: / ... C., TRANSPORTER COMPANY: A Company of the Company of th TIME: AM/PM VEHICLE NO.: DRIVER NO .: DATE: TYPE OF MATERIAL [] Production Water
[] Tank Bottoms
[] Other Material: [] Drilling Fluids [] Completion Fluids
[] Contaminated soil [] C-117 No.: _____ [] Completion Fluids VOLUME OF MATERIAL [] BBLS. _____ : [] YARD ____ : AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. FACILITY REPRESENTATIVE: ___ White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter Revised 12/27/95

Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511

| (505) 394-2511 | | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| LEASE OPERATOR/SHIPPER/COMPANY: | | | | | | | | | | |
| LEASE NAME: | | | | | | | | | | |
| TRANSPORTER COMPANY: TIME: AM/PM | | | | | | | | | | |
| DATE: VEHICLE NO.: DRIVER NO.: | | | | | | | | | | |
| CHARGE TO: | | | | | | | | | | |
| TYPE OF MATERIAL | | | | | | | | | | |
| [] Production Water | | | | | | | | | | |
| | | | | | | | | | | |
| VOLUME OF MATERIAL [] BBLS : [] YARD : [] | | | | | | | | | | |
| AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. | | | | | | | | | | |
| DRIVER: (SIGNATURE) | | | | | | | | | | |
| FACILITY REPRESENTATIVE: | | | | | | | | | | |
| (SIGNATURE) | | | | | | | | | | |
| White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter Revised 12/27/95 | | | | | | | | | | |

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

BOX LOCATION

| | SWD SYSTEM | JUNCTION | UNIT | SECTION | TOWNSHIP | RANGE | COUNTY | BOX D | IMENSIONS | - FEET |
|-----------------|--------------------------------------|---------------------------------------|----------------|----------------|---------------------------------------|-----------------|--------------|---------------------------------------|----------------|----------------------------------------|
| | E.M.E. | D-7 | D | 7 | 21 S | 36 E | Lea | Length | Width | Depth |
| | | | | <u> </u> | <u> </u> | • | | 7 | 5` | 4` |
| | LAND TYPE: | BLM | STATE | FEE LA | NDOWNER | Billie | ois Sartin | OTHER | · | |
| | Depth to Groui | ndwater | 157` | feet | NMOCD | SITE ASSE | ESSMENT F | RANKING S | CORE: | 0 |
| | Date Started | 01/11 | /2001 | Date Co | mpleted | 01/11/2001 | OCD \ | Vitness <u>No</u> | | ······································ |
| | Soil Excavated | 36 | cubic ya | rds Exc | cavation Lei | ngth <u>9`</u> | Width | 7` | Depth 7` | feet |
| | Soil Disposed | 36 | cubic ya | rds Of | fsite Facility | <u>Jct</u> | Box | Location | J | ct D-7 |
| FI | NAL ANAL) | TICAL F | RESULTS | S: Sampl | e Date | 01/11/2 | 001 | Sample De | epth | 7` bgs |
| | Dr | oouro E noir | at composite | a campla of | hottom and | 4 point con | nnocito com | anlo of cidou | olic TDU | • |
| | | | | | bottom and results comp | | | | | |
| | , | DI LA GIIG C | | • | pursuant to | • | | Oved lab all | a testing | |
| | | | | | · | J- | | | | |
| | Sample | Benzene | | | thyl Benzene | Total Xylen | | RO | DRO | Chlorides |
| - , | Location SIDEWALLS | mg/kg <0.002 | | g/kg .002 | mg/kg <0.002 | mg/kg <0.006 | | 1/kg 50 | mg/kg <50 | mg/kg 455 |
| <u> </u> | BOTTOM | <0.002 | | 002 | <0.002 | <0.006 | | 50 | <50 <50 | 621 |
| - | | | | | | | | | | |
| | neral Description orides were at 400 | | | | | | ne ch | | RIDE FIELD | |
| wer | e 575 ppm on the | bottom compo | osite. All sam | ples do not ex | ceed the NMC | CD guideline | | OCATION | DEPTH | ······································ |
| | | | | | | | <u>S</u> | DEWALLS | 5` bgs | 400 ppm |
| | | | | | | | | BOTTOM | 7` bgs | 575 ppm |
| | | | | | | | | | | |
| | | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| | | · | | <u> </u> | | | | | | |
| | ···· | | | *********** | · · · · · · · · · · · · · · · · · · · | | — — | | | |
| | | | | | | | | | <u> </u> | |
| | | | | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| | | | | | | | 1 | | | |
| | | | | | | | | | | |
| | | | | | | | <u> </u> | | l | |
| | l herel | by certify that | at the inform | nation above | e is true and | complete to | o the best o | f my knowle | dge and be | lief. |
| DA ⁻ | TE | 01. | /11/2001 | | PRI | NTED NAME | | Chris | s Rodriguez | |
| | | 7 / | | | | | | ~ | | |
| | NATURE / | | W. 1. | gia (1 | _ | TITLE | | | ental Technici | |



PHONE (916) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 - 101 E. MARLAND - HOBBS, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: JAMES STURGILL 122 W. TAYLOR **HOBBS, NM 88240** FAX TO:

Receiving Date: 01/11/01 Reporting Date: 01/15/01

Project Number: D-7 S-B

Project Name: JET D7-SIDES AND BOTTOM

Project Location: U7 SEC7 T21S R36-EME

Sampling Date: 01/11/01

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: GP Analyzed By: BC/AH

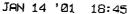
GRO DRO (>C₁₀-C₂₈) (C₆-C₁₀) CI LAB NUMBER SAMPLE ID (mg/Kg) (mg/Kg) (mg/Kg)

| ANALYSIS DATE | 01/11/01 | 01/11/01 | 01/12/01 |
|----------------------------------------------|----------|----------|----------|
| H5514-1 SIDE | <50 | <50 | 455 |
| H5514-2 BOTTOM | <50_ | <50 | 621 |
| | | | |
| Quality Control | 727 | 701 | 994 |
| True Value QC | 800 | 800 | 1000 |
| H5514-1 SIDE H5514-2 BOTTOM Quality Control | 90.9 | 87.6 | 99.4 |
| | 10.8 | 2.0 | 1.0 |

METHODS: TPH GRO & DRO: EPA SW-848 8015 M; CI: Std. Methods 4500-CIB

PLEASTON Lightly and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses.

All claims, including those for registence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (3d) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services have under by Cardinal, regardless of whether such ctairs is based upon any of the above-stated reasons or otherwise.





PHONE (915) 673-7001 + 2111 BEECHWOOD - ABILENE, TX 78603

PHONE (505) 393-2326 - 101 E. MARLAND . HOBBS, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: JAMES STURGILL 122 W. TAYLOR HOBBS, NM 88240 FAX TO:

Receiving Date: 01/11/01 Reporting Date: 01/15/01 Project Number: D-7 S-B

Project Name: JCT D7 SIDES AND BOTTOM

Project Location: V2 SEC 7 T21S R36 ~ EME

Sampling Date: 01/11/01 Sample Type: SOIL

Sample Condition; COOL, INTACT

Sample Received By: GAP

Analyzed By: JA

| LAB NUMBER | SAMPLE ID | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|-----------------|---------------|--------------------|--------------------|-----------------------------|-----------------------------|
| ANALYSIS DA | TE | 01/14/01 | 01/14/01 | 01/14/01 | 01/14/01 |
| H5514-1 | SIDE | <0.002 | <0.002 | <0.002 | < 0.006 |
| H6514-2 | BOTTOM | <0.002 | <0.002 | <0.002 | <0.008 |
| Quality Control | | 0.105 | 0.116 | 0.101 | 0.313 |
| True Value QC | | 0.100 | 0.100 | 0.100 | 0.300 |
| % Accuracy | | 105 | 116 | 101 | 104 |
| Relative Perce | nt Difference | 0 | 5,5 | 5.6 | 7.4 |

METHOD: EPA SW 846-8020, 5030, Gas Chromatography

/~ / 5~ O / Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or test, shall be smitted to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business (returnations, less of profit incurred by client, its substitutions affiliates or successors disting out of or reliazed to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

HSS14SHOBBSRICEBTEXONLY

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

5

ARDINAL LABORATORIES, INC. 2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240 (915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

| ANALYSIS REQUEST | | | | | | | | | | | | | | | | | Terms and Conditions: belaned with be charged on all accounts more fram 30 days past due at the rate of 23% per arrum from the actorial date of her | and all costs of collections, including attentory's fees. | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|-------------------|-------------|------------------------------|-------------------------|-------------------|-------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|-----|--|---|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|
| NAL YSIS | | | · · · · · · | | | | | | | | | | | | | | Terms and Cond | and all costs of co | Add'I Phone #: | Add'l Fax #: | |
| ₹ | | | L | 11 | ٦ | 70 | 79 | ? | 4 | 911 | | _ | | | | | | | Г | No U | |
| | | | | | | | | | 7 | 1978 1977 | 1 13 | 7 | | | • | | | | | □ Yes | |
| ***** ***** **** **** **** **** **** **** *** ** *** ** * * ** * * ** * ** * * | | | | | | | | | U | U DIME | 1:30 1 | 1:30 1 | | | | | Sent for the | chaideafos, | Phone Result: | Fax Result: | REMARKS: |
| STATE TO | | RICE | | | | Zip: | | | SAMPLING | DATE | /9///(o | 01/11/0 | , , | | | | e amount paid by the c | ncurred by clent, its e | d manage page and | <u> </u> | |
| | P.O. #: | Company: | ä | Address: | '' | E. | Phone #: | ** | PRESERV. | ACID/BASE: OCE / COOL | 7 | 7 | | | | | De kniked to the Cardinal within | r loss of profits | | | |
| | Laura un | | 121p: 88340 Attn: | Ado | Clfy: | Bottom | 36 -EME | ; [/ Fax #: | MATRIX | (G)RAB OR (C)OMP. # CONTAINERS # CONTAINER | 7 | <u> </u> | | | | | olin artistig whether besed in contract or tort, shall be writted artists made in written and recoland by | ut imtutton, business interruptions, loss of use, o | Received By: | | |
| Dies Dieses | ١٧ | 22 WT | State: NW | 3929/1 | Ì | 5:0 | V | S | | Sample I.D. | 510€ | Borran | | | | | LEAGE NOTE: Lability and Damagos. Cardina's lability and death auditable remary for any dalm string whether besed in contract or for it and be instead to the amount paid by the deat for the auditable of the and an audit or and remains and it is an audit to an incolorable of the audit of the | intyses. Al Castria Installing Disse for indigence and any sense cause witnessers with the consequence of th | filters or successors arising out of or restord to the performance of sortions therefore the performance of sortions that the performance of the performance of sortions that the performance of the performan | 10-11-1 | Time: pm |
| Company Name: | Project Manager: | Address: | City: | Phone #: 52 | Project #: \$\sigma - \gamma | Project Name: Tet D.Y - | Project Location: | ł | FOR LAB USE ONLY | Lab I.D. | 17-115511 | 77 | | | | | LEASE NOTE: Lability and Dame | nayees. All casms including mose ervice. In no event shall Cardinal b. | Seminar Relincinshe | | hamed |

CHECKED BY: (Initials) Sample Condition /ampler} UPS - Bus - Other: Delivered Bv: (Circle One) Relinquished By:

Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

馬牙亦

36878

| | P.O. Box 1737 ★ Eunice (505) 394-251 | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| LEASE OPERATOR/SHIP | PER/COMPANY: | | | |
| LEASE NAME: | | 6 | 92 | |
| TRANSPORTER COMPAN | Y: | | TIME: | AM/PM |
| DATE: // | VEHICLE NO.: // | DRI | VER NO.: | |
| CHARGE TO: | (| | | |
| | TYPE OF MAT | ERIAL | | |
| [] Production Water [] Tank Bottoms [] Other Material: | [] Drilling Fluids [] Contaminated soil [] BS&W Content: | [|] Completion Flui | |
| Description: | | | | |
| | | · | | · |
| VOLUME OF MATERIAL [|] BBLS: | [] YARD | · | [] |
| JOB TICKET, OPERATOR/SHIPPE HEREWITH IS MATERIAL EXEM AMENDED FROM TIME TO TIME AND REGULATIONS RELATED TO PRODUCED WATERS, AND OTH PRODUCTION OF CRUDE OIL OF | PT FROM THE RESOURCE, CON E, 40 U.S.C. § 6901, et seq., THE THERETO, BY VIRTUE OF THE P ER WASTE ASSOCIATED WITH R NATURAL GAS OR GEOTHER UNDANCE SERVICES, INC.'S AC ER REPRESENTS AND WARRAN | IS THAT THE WARE THAT THE WARE THAT IS THE EXPLORATION AFFOR THE EXPLORATION AFFOR THE EXPLORATION ALL ENERGY. CEPTANCE OF THE THAT ONLY TO THE THAT ONLY THAT ONLY THE THE THAT ONLY THE THE THAT ONLY THE THE T | ASTE MATERIAL D RECOVERY AC' ID SAF. CODE § 3 ORDED DRILLING ON, DEVELOPME HE MATERIALS S THE MATERIAL D | SHIPPED T OF 1976, AS 61.001, et seq., G FLUIDS, ENT OR HIPPED WITH ELIVERED BY |
| THIS WILL CERTIFY that the Statement at the above describility will certify that no additional without incident. | | tendered by the | e above describe | ed shipper. This |
| DRIVER: (SIGNATURE) | / Lill, | | · · · · · · · · · · · · · · · · · · · | |
| FACILITY REPRESENTATIVE: _ | (STONY MENDE) | · | · philes | |
| White-Sundance Canary-Sundance Acct# Revised 12/27/95 | (SIGNATURE) 1 Pink-Sundance Acct#2 Gold-Transport | rter | | |

38888

| P.O. Box 1737 ★ Eunice, NM 88 (505) 394-2511 | 3231 | e # 2 · |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| LEASE OPERATOR/SHIPPER/COMPANY: | | |
| LEASE NAME: 12 2 3 2 2 2 2 2 2 | 1-7 | |
| TRANSPORTER COMPANY: Delice Control | TIME: | AM/PM |
| DATE: // VEHICLE NO.: | DRIVER NO.: | |
| CHARGE TO: 11, C.C. C.P. | | |
| TYPE OF MATERIA | L | |
| [] Production Water | [] Completion Fluids | s |
| | | |
| VOLUME OF MATERIAL [] BBLS : [] Y | ARD: | [] |
| AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVA' AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEAD REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPT PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL EN ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTAN THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSFACILITY FOR DISPOSAL. | T THE WASTE MATERIAL SETION AND RECOVERY ACT OF ALTH AND SAF. CODE § 361 TION AFFORDED DRILLING INTERPRETATION, DEVELOPMENT OF THE MATERIALS SHOWN THE MATERIAL DEICH SPORTER TO SUNDANCE SE | HIPPED OF 1976, AS .001, et seq., FLUIDS, T OR IPPED WITH LIVERED BY RVICES, INC.'S |
| THIS WILL CERTIFY that the above Transporter loaded the mass Statement at the above described location, and that it was tender will certify that no additional materials were added to this load, without incident. DRIVER: | ed by the above described | shipper. This |
| (SIGNATURE) FACILITY REPRESENTATIVE: (SIGNATURE) | <u> </u> | |
| White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter | | |

36887

| | P.O. Box 1737 ★ Eunice, NM (505) 394-2511 | 1 00251 | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| LEASE OPERATOR/SHIPP | 'ER/COMPANY: | | |
| LEASE NAME: | <u> </u> | | |
| TRANSPORTER COMPANY | Y: , | TIME: | AM/PM |
| DATE: VEHICLE NO.: DRIVER NO.: | | DRIVER NO.: | |
| CHARGE TO: | , | | |
| | TYPE OF MATER | IAL | |
| [] Production Water [] Tank Bottoms [] Other Material: | [] Drilling Fluids [] Contaminated soil [] BS&W Content: | [] Completion Fluids | s |
| Description: | | | |
| | | | |
| VOLUME OF MATERIAL [|] BBLS: [_] |] YARD <u>//</u> : | [] |
| JOB TICKET, OPERATOR/SHIPPEJ HEREWITH IS MATERIAL EXEMF AMENDED FROM TIME TO TIME AND REGULATIONS RELATED TO PRODUCED WATERS, AND OTHE PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SUI THIS JOB TICKET, TRANSPORTER | CE SERVICES, INC.'S ACCEPTANCE R REPRESENTS AND WARRANTS TIPT FROM THE RESOURCE, CONSER'S, 40 U.S.C. § 6901, et seq., THE NM SHERETO, BY VIRTUE OF THE EXEMER WASTE ASSOCIATED WITH THE NATURAL GAS OR GEOTHERMAL NDANCE SERVICES, INC.'S ACCEPTAR REPRESENTS AND WARRANTS THORTER IS NOW DELIVERED BY TR | HAT THE WASTE MATERIAL SECTION AND RECOVERY ACT HEALTH AND SAF. CODE § 361 MPTION AFFORDED DRILLING IN EXPLORATION, DEVELOPMENT ENERGY. TANCE OF THE MATERIALS SHEAT ONLY THE MATERIAL DEF | HIPPED OF 1976, AS .001, et seq., FLUIDS, T OR IPPED WITH LIVERED BY |
| Statement at the above describ will certify that no additional without incident. DRIVER: | ne above Transporter loaded the ped location, and that it was tend materials were added to this load | dered by the above described | shipper. This |
| | | | |
| (SIGNATURE) FACILITY REPRESENTATIVE: | The state of the s | and the state of t | |