

GENERAL CORRESPONDENCE

DATE: 1999

R C E Operating Company

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REPUBLICATION LAW

122 West Taylor • Hobbs, New Mexico 88240 Phone: (505)393-9174 • Fax: (505) 397-1471

CERTIFIED MAIL RETURN RECEIPT NO. Z 577 009 524

November 4, 1999

Mr. Wayne Price State of NM Energy and Minerals Dept. Oil Conservation Division 2040 South Pacheco Street Santa Fe, NM 87505

Re: PIT REMEDIATION AND CLOSURE REPORT Emergency Overflow Pit (Permit No. H-64) Below-Ground Redwood Tank Excavation SWD F-29 Facility NW/4, Unit Letter F, Sec. 29, T18S, R38E Lea County, NM

Dear Mr. Price:

Rice Operating Company (ROC) sincerely appreciates your consideration and response concerning finalizing the closure plans for the emergency overflow pit and the below-ground redwood tanks that are located at the F-29 Facility.

ROC has completed the clay layer installation as per NMOCD specifications and has backfilled the excavation and installed a berm around the storage tank area. The site pad has been graded and the facility has been returned to full service.

A sample of the clay used for the moisture barrier was submitted to Trinity Engineering Testing Corporation for the Proctor Test and permeability test. Trinity also conducted the field test of the in-situ clay layer. These results are attached to the Pit Remediation and Closure Report.

ROC has committed to a two-year, quarterly sampling plan to monitor groundwater at this site with results reported annually to the NMOCD. The ground water will be tested for BTEX, pH, TDS, Conductivity, T-Alkalinity, and routine major cations and anions: Na, Ca, Mg, K, Cl, SO₄, CO₃, HCO₃. The completed wellbore in the west part of the excavation has been extended to the surface, with a concrete pad poured around the well casing and a protective locking device installed on the casing. The well will be sampled pursuant to NMOCD specifications.





ROC F29 Closure Report 11/04/99

The source of contamination is removed, the moisture-barrier will be in place to prevent any percolation of contaminates downward, and natural attenuation will be relied upon to remediate the hydrocarbons remaining in the vadose zone over the foreseeable future.

At this time, ROC applies for closure at this facility and submits the Pit Remediation and Closure final report. As always, Rice Operating Company will appreciate timely consideration in this matter.

If you have any questions, please call.

Carolyn Doran Haynes

Carolyn Doran Haynes Operations Engineer

Enclosures: Pit Remediation and Closure Report

 Clay Test Data
 Property Deed Copy
 Photos of Clay Layer Installation

 Proposal of June 25, 1999 consisting of:

 Revised Closure Plan Emergency Overflow Pit (Permit H-64) SWD F-29
 Revised Closure Plan Below Ground Redwood Tanks SWD F-29
 Pit Inventory Permit H-64
 Maps and Analytical Data
 Disposal Manifests

Cc: KH, LBG, file, Donna Williams OCD Hobbs District 1625 N. French Drive Hobbs, NM 88240



District I 1625 N. French Drive, Hobbs, NM 88240 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos, Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Submit 1 copy to Appropriate District Office and 1 copy to Santa Fe Office

PIT REMEDIATION AND CLOSURE REPORT

Operator: RICE OPERATING COMPANY	Telephone: 505-393-9174				
Address: 122 West Taylor, Hobbs, NM 88240					
Facility or: SWD F-29					
Well Name	· · · · · · · · · · · · · · · · · · ·				
Location: Unit or Qtr/Qtr Sec <u>SE/4 NW/4</u> Sec <u>29</u> T	18S R 38E County Lea				
Pit type: Emergency Overflow Pit Permit # H-64; 2 Below-Ground Redwood Terminal Tanks (not permitted)					
Land Type: BLM State Fee Other Owned by Rice Operating Company					
Pit Location Pit Dimensions: length63'width	29' depth 3'				
(Attach diagram)					
Footage from reference: Center of pit is 60' West a					
Direction from reference: Degrees	East North				
	of West South				
	than 50 feet (20 points)				
(et to 99 feet (10 points) er than 100 feet (0 points) 20				
high water elevation of ground water)					
Wellhead Protection Area	Yes (20 points)				
(Less than 200 feet from a private domestic water source, or; less than	No (0 points) <u>0</u>				
1000 feet from all other water sources)					
	than 200 feet (20 points) eet to 1000 feet (10 points)				
	eet to 1000 feet(10 points)er than 1000 feet(0 points)0				
irrigation canals and ditches)					
RANKIN	NG SCORE (TOTAL POINTS):20				

Date Remediation Started:	anuary 1999	Date Completed:	October 12, 1999	
Remediation Method: Excav	ation Yes	Approx. cubic yards	534	
(Check all appropriate sections) Landfa	armed No	In-situ Bioremediation		
	Natural Attenua	tion		
Remediation Location: Or	isite	Offsite Sundance Services,	East of Eunice, NM	
(ie.: landfarmed onsite, name and location of offsite facility)				
	ial Action: Replac	ed below-grade redwood tanks wi	ith above around steel tanks	
Excavated and disposed of h	ighly impacted soil	at the redwoods site and the over	rflow pit site. Installed clay layer	
as moisture barrier to prever	t downward migrat	tion of contaminantes remaining	in place. Groundwater will be	
sampled quarterly for two ye	ars in order to asse	rtain if contaminanents in place i	mpact groundwater quality.	
Clay layer compaction meets	the criteria reques	ted in NMOCD letter from Wayn	e Price dated September 2, 1999,	
with test results and color pl	noto reproductions a	attached. Backfilled excavations	with caliche.	
Ground Water Encountered: No Yes monitor well Depth 50 feet BGS				
Ground Water Encountered.	110			
Final Pit Closure Sampling	Sample location	See attached diagram. All ana	lytical reports, CoC, etc., are	
(if multiple samples, attach sample results	included in the	e accompanying copy of the June	25, 1999 submitted report.	
and diagram of sample	Sample depth			
locations and depths)	Sample date	·····	Sample time	
	Sample Results Benzene (r	ppm)		
		X (ppm)		
		space (ppm)		
Ground Water Sample:	(es <u>Yes</u>	No (If yes, attack	h sample results)	
I HEREBY CERTIF		ORMATION ABOVE IS TRUE		
DATE November 4, 1999		PRINTED NAME CA	ROLYN DORAN HAYNES	
SIGNATURE Carolyn	Doran H		ERATIONS ENGINEER	
		7		

		Redwood Tank Excavation		Emergency Overflow Pit
Ground Surface	•			
	143 ppm TPH 1084 ppm Cl	West Boring (flush mount at surface)	12 ppm TPH 207 ppm Cl	300-450 ppm Cl <50 ppm TPH
				64 ppm Cl
9				
80	24 ppm TPH			79 ppm Cl; <60 ppm TPH
10				:
	285 ppm Cl	i o	791 ppm Cl	
16		East Boring		
18		(plugged)		
	800 ppm Cl			
24				
	1700 ppm CI			
	700 ppm Cl	95 ppm Cl	48 ppm TPH	
34		117 ppm Cl	63 ppm TPH	Prior Excavation Wall
36				:
				Clay Layer
	206 ppm Cl	3660 ppm TPH		Caliche Fill
44				
	70 ppm CI	158 ppm TPH		
50 Grou	Groundwater Level			
Rice Opt	Rice Operating Company		Chloride and TPH Delineation	Redwood Tank Excavation and Emergency Overflow Pit
Hobt	Hobbs, NM 88240 (505) 393-9174	Clay L	Clay Layer and Caliche Backfill	Unit Letter F, Sec 29-T18S-R38E Letter F, Sec 29-T18S-R38E
		And and a second s		



PHONE (915) 673-700

11 BEECHWOOD · ABILENE, TX 79603

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

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: F.WESLEY ROOT 122 W. TAYLOR HOBBS, NM 88240 FAX TO:

Receiving Date: 03/05/99 Reporting Date: 03/06/99 Project Owner: RICE OPERATING Project Name: SWD F-29 Project Location: 29-T18S-R38E, LEA CO., NM

Sampling Date: 03/05/99 Sample Type: GROUNDWATER Sample Condition.³ COOL & INTACT Sample Received By: BC Analyzed By: BC

					ETHYL	TOTAL
LAB NO. SAN	IPLE ID	CI	BENZENE	TOLUENE	BENZENE	XYLENES
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
ANALYSIS DATE:		03/05/99	03/05/99	03/05/99	03/05/99	03/05/99
H4046-1 B-1		194	<0.002	<0.002	<0.002	<0.006
·						i
					•	
Quality Control		1335	0.089	0.095	0.092	0.276
True Value QC		1319	0.100	0.100	0.100	0.300
% Recovery		101	88.9	94.6	91.5	92.0
Relative Percent Di	fference	1.5	3.5	4.6	4.0	5.1

METHODS: CI- Std. Methods 4500-CIB; BTEX - EPA SW-846 8260

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H4046.XLS

PLEASE NOTE: Llability 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 baid by client for analyses. All claims, including those for negligence and any other cause whatspever shall be deemed waived unless made in writing and received by Cardinal within thiny (30) days after completion of the applicable service. In no event shall CardInal be liable for indicental or consequential damages, including, without limitation, dusiness interruptions, loss of use, or loss of profits incurred by client, its subsidianes, affiliates or successors arising out of or related to the performance of services hereuncer by CardInal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

September 2, 1999

<u>CERTIFIED MAIL</u> <u>RETURN RECEIPT NO. Z 357 870 141</u>

Carolyn Doran Haynes Rice Operating Company 122 West Taylor Hobbs, NM 88240

Re: Closure Plans Below-Ground Redwood Tank Excavation Emergency Overflow Pit (Permit No. H-64) SWD F-29 SE/4 NW/4 Sec 29-Ts18s-R38e Lea County, NM

Dear Ms. Haynes:

The New Mexico Oil Conservation Division (NMOCD) is in receipt of Rice Operating Company's (ROC) letter dated June 25, 1999 and disposal manifest dated concerning the above captioned facility. ROC is requesting approval to modify its original plan for the Below-Ground Redwood Tank Excavation and Emergency Pit by utilizing a 10-12 inch thick packed-clay-layer barrier instead of a polyethylene liner, over-capp the horizontal extent of the contaminated area by an additional four to six feet to prevent lateral/absorption of moisture, deed record, and commit to a two-year quarterly sampling program and backfill the excavated areas.

The NMOCD approves of ROC's closure work plan with the following additional conditions:

- 1. ROC shall demonstrate that the Clay layer(s) compaction meets or exceeds 95% of a Proctor Test ASTM-D-698 and the permeability (hydraulic conductivity) is equal or less than 1x10⁻⁷ cm/sec.
- 2. Supply copy of deed recording and information requested in item #1 above in closure report.

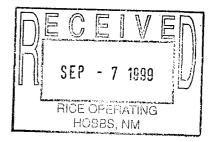
Please be advised that NMOCD approval of this site does not relieve ROC of liability should their operations fail to adequately investigate, remediate and/or contain contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve ROC of responsibility for compliance with any other federal, state, or local laws and/or regulations.

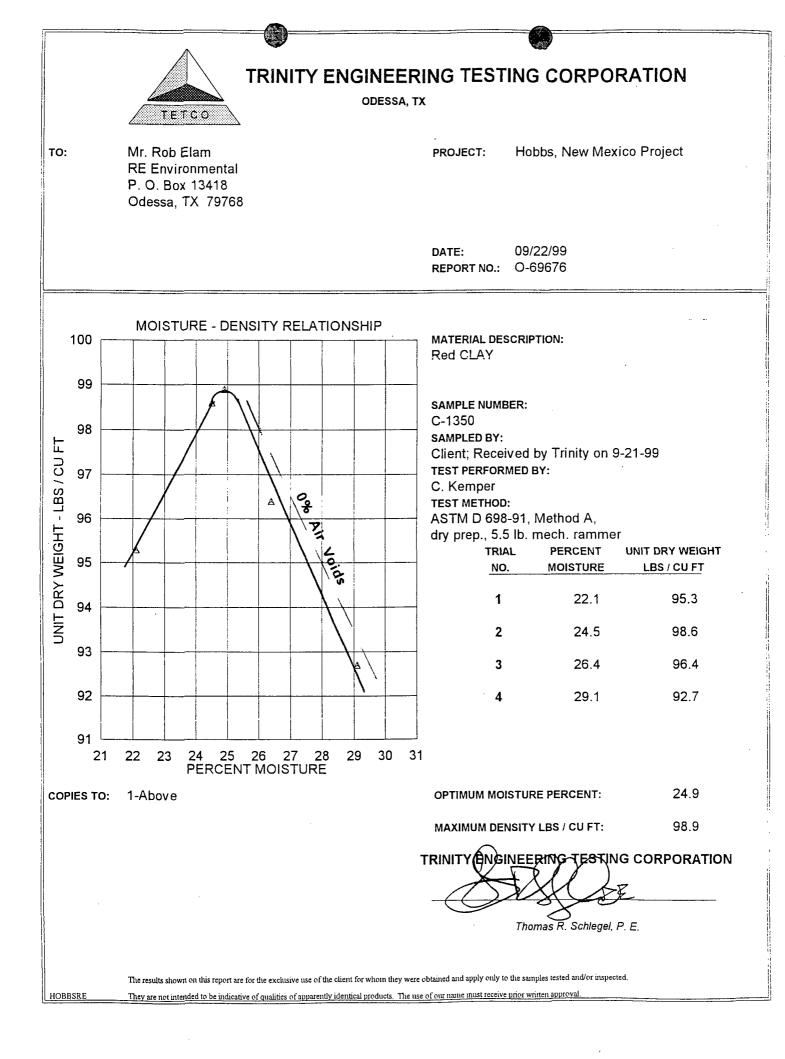
If you require any further information or assistance please do not hesitate to write or call me at (505-827-7155).

Sincerely Yours,

Wayne Price-Pet. Engr. Spec. Environmental Bureau

cc: OCD Hobbs Office





	TRINITY ENGINEERING TESTING CORPORATION
	Odessa, TEXAS
TO : RE Environ	Imental PROJECT : Hobbs, New Mexico Project
Attn: Mr. R P. O. Box 1	lob Elam
Odessa, TX	
	DATE: 10-6-99 REPORT NO: 0-69733
REPORT OF	Falling Head with Rising Tailwater Permeability Tests
METHOD:	Corps of Engineers EM-1110-2-1906 Appendix VII; Tests performed by R. Poston
MATERIAL:	C-1350; Red CLAY remolded to near 95% of ASTM D 698 density; Material sampled by client and received by Trinity Engineering on 9-21-99
RESULTS:	1.73 x 10 ⁻⁸ cm/sec

Copies to: 3-Above

TRINITY ENGINEERING, TESTING CORPORATION

William C. Hamilton, P.E.

The results shown on this report are for the exclusive use of the client for whom they were obtained and apply only to the samples tested and/or inspected. They are not intended to be indicative of the qualities of apparently identical products. The use of our name must receive our prior written approval.

	<u> </u>				
		NGINEERING TES		RPORATIO	N
	TETCO	ODESSA, TX			
то:	Mr. Rob Elam RE Environmental P. O. Box 13418	PROJECT:	Hobbs, New	/ Mexico Project	·
	Odessa, TX 79768				
MATERIAL:	O-69676; Red CLAY	DATE: REPORT NO.:	10/07/99 O-69761		
			PERCENT	DRY DENSITY,	PERCENT
	LOCATION		MOISTURE	LBS / CU FT	COMPACTION
	ield Densities on Fill Material for s, All Areas except under Pump House	e Lines			
W Pit, Cente	er		21.3	100.2	101.3
E Pit, Cente	r of W Half		19.4	100.9	102.0
E Pit, Cente	r of E Half		20.3	102.3	103.4
	NSITY DETERMINED IN ACCORDANCE WITH		OPTIMUM	MAXIMUM	TECHNICIAN
	3-91, Method A, 5 lb. mech. rammer		MOISTURE 24.9	DENSITY 98.9	T. Philley
COPIES TO:	1-Above				
TRINITY ENGINEERING TESTING CORPORATION					
	William C. Hamilton, P.E.				
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MARY EVELYN GRIMES MADDOX	i	RETURN ORIGINAL TO UNITED NEW MEXICO TRUST CO. PO BOX 5614 HOBBS NM 88241-5614
MARY EVELVN GRIMES MADDOX		SPECIAL DEED 497 PAGE 175
<pre></pre>		WARRANTY DEED
RICE ENGINEERING CORPORATION whose address is_ 122 W. TAYLOR. HOBES, NEW MEXICO the following described real estate inLEA County, New Mexico: SURFACE TITLE ONLY: Of the NW/4 AN UNDIVIDED TWO-THIRD INTEREST IN THE SE/4 OF SECTION 29, TOWNSHIP 16 SOUTH, RANGE 38 EAST, N.M.P.M. LEA COUNTY, NEW MEXICO Of the NW/4 AN UNDIVIDED TWO-THIRD INTEREST IN THE SE/4 OF SECTION 29, TOWNSHIP 16 SOUTH, RANGE 38 EAST, N.M.P.M. LEA COUNTY, NEW MEXICO BEING FULLY DESCRIBED AS FOLLOWS:		MARY EVELYN GRIMES MADDOX
whose address js_ 122 W. TAYLOR, HOBBS, NEW MEXICO the following described real estate in		, for consideration paid, grantSto
with special warranty covenants. LEA		RICE ENGINEERING CORPORATION
with special warranty covenants. Of the NU/4 with special warranty covenants. MARY EVELYN GRIMES MADDOX y		whose address is 122 W. TAYLOR, HOBBS, NEW MEXICO
with special warranty covenants. WITNESS MY hand_ and seal_ this		the following described real estate in LEA County, New Mexico:
NEW MEXICO BEING FULLY DESCRIBED AS FOLLOWS: BEGINNING AT A POINT N.00 ⁰ 002'E, 3254.44 FEET AND WEST, 3390.32 FEET FOM SOUTHERST CORNER OF SAID SECTION 29, THENCE WEST, 433.17 FEET TO A POINT ON THE EAST RIGHT OF WAX LINE OF WEST COUNTY ROAD BYPASS, ALSO A POINT ON A CURVE TO THE NORTHERST. THENCE ALONG THIS CURVE (HAVING A CENTRAL ANGLE OF 20 ² 0'39", A RADIUS OF 960.00 (HAVING A CENTRAL ANGLE OF 20 ² 0'39", A RADIUS OF 960.00 (HAVING A CENTRAL ANGLE OF 20 ² 0'39", A RADIUS OF 960.00 (HAVING A CENTRAL ANGLE OF 20 ² 0'39", A RADIUS OF 960.00 (HAVING A CENTRAL ANGLE OF 20 ² 0'39", A RADIUS OF 960.00 (HAVING A CENTRAL ANGLE OF 20 ² 0'39", A RADIUS OF 960.00 (HAVING A CENTRAL ANGLE OF 20 ² 0'39", A RADIUS OF 960.00 (HAVING A CENTRAL ANGLE OF 20 ² 0'39", A RADIUS OF 960.00 (HAVING A CENTRAL ANGLE OF 20 ² 0'39", A RADIUS OF 960.00 (FEET, THENCE EAST, 137.94 FEET, THENCE SOUTH, 295.16 FEET, THENCE SOUTH, 295.16 FEET TO THE POINT OF BEGINNING. SAID TRACT CONTAINS 2.068 ACRES MORE OR LESS. WITNESS MY MUTHERS MARY EVELYN GRIMES MADDQX (Seal) (Seal) STATE OF NEW MEXICO. 55. VIEL OF NEW MEXICO. 10 ⁴ 0.10 ⁴ 0.		,of the NW/4
3390.32 FEET FROM SOUTHEAST CORRER OF SAID SECTION 29, THENCE WEST, 433.17 FEET TO A POINT ON THE EAST RIGHT OF WAY LINE OF WEST COUNTY ROAD BYPASS, ALSO A POINT ON A CURVE TO THE NORTHEAST. THENCE ALONG THIS CURVE (HAVING A CENTRAL ANGLE OF 20 ² 0'39", A RADIUS OF 960.00 FEET AND A CHORD BEARING AND DISTANCE OF N. 43 ⁰ 04'56"E., 339.08 FEET', JA LENGTH OF 340.87 FEET; THENCE N.53 ⁰ '51'0"E., 79.40 FEET; THENCE RAST, 137.94 FEET; THENCE SOUTH, 295.16 FEET TO THE POINT OF BEGINNING. SAID TRACT CONTAINS 2.068 ACRES MORE OR LESS. WITNESS MY hand and seal this day of MARY EVELYN GRIMES MADD(X) STATE OF XWEY MXXHO. County of SA. 2007 State of PALLON (Seal) MARY EVELYN GRIMES MADDOX 19_3 by MARY EVELYN GRIMES MADDOX 19_3 by MARY EVELYN GRIMES MADDOX STATE OF NEW MEXICO, County of LOAD, 19 STATE OF NEW MEXICO, County of LOAD, 19 STATE OF NEW MEXICO, County of LOAD (Seal) STATE OF NEW MEXICO,		NEW MEXICO BEING FULLY DESCRIBED AS FOLLOWS:
(HAVING A CENTRAL ANGLE OF 20°20'39", A RADIUS OF 960.00 FEET AND A CHORD BEARING AND DISTANCE OF N. 43°04'56"E., 339.08 FEET; A LENGTH OF 340.87 FEET; THENCE N.53°15'10"E., 79.40 FEET; THENCE EAST, 137.94 FEET; THENCE SOUTH, 205.16 FEET TO THE POINT OF BEGINNING. SAID TRACT CONTAINS 2.068 ACRES MORE OR LESS. with special warranty covenants. WITNESS MY hand and seal this this MARY EVELYN GRIMES MADD(X:entropy of the provided and seal) MARY EVELYN GRIMES MADD(X:entropy of the provided and seal) TEXAS ss. County of 19 93 MY Commission expires ptil 2 ARY EVELYN GRIMES MADDOX 19 93 by MARY EVELYN GRIMES MADDOX 19 93 STATE OF NEW MEXICO, ss. County of , 1905 STATE OF NEW MEXICO, rs. County of clif A STATE OF NEW MEXICO, rs. Curve of clif A STATE OF NEW MEXICO, rs. County of clif A 19 MARY EVELYN GRIMES filed for County o		3390.32 FEET FROM SOUTHEAST CORNER OF SAID SECTION 29, THENCE WEST, 433.17 FEET TO A POINT ON THE EAST RIGHT OF WAY LINE OF WEST COUNTY ROAD BYPASS, ALSO A POINT
with special warranty covenants. WITNESS MYhand and sealthisthisday of (Order 19 93,MARY EVELYN GRIMES MADD(Scal) THEY State of XNEW KEXKO, County of 55. The foregoing instrument was acknowledged before me thisthe day of Order 1, 19 93 by 55. The foregoing instrument was acknowledged before me thisthe day of Order 1, 19 93 by 55. MARY EVELYN GRIMES MADDOX Mary EVELYN GRIMES MADDOX STATE OF NEW MEXICO, County of, 1905 STATE OF NEW MEXICO, County of 65. STATE OF NEW MEXICO, County of 75. STATE OF NEW MEXICO, STATE OF NEW MEXICO, County of 75. STATE OF NEW MEXICO, STATE OF NEW MEX		(HAVING A CENTRAL ANGLE OF 20 ⁰ 20'39", A RADIUS OF 960.00 FEET AND A CHORD BEARING AND DISTANCE OF N. 43 ⁰ 04'56"E., 339.08 FEET) A LENGTH OF 340.87 FEET; THENCE N.53 ⁰ 15'10"E., 79.40 FEET; THENCE EAST, 137.94 FEET; THENCE SOUTH,
WITNESS MY handandandthisdthday of		CONTAINS 2.068 ACRES MORE OR LESS.
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WITNESS MY handandandthisdthday of		
(Seal) TEXAS STATE OF XNEW MEXICO, County of		NW lath
STATE OF NEW MEXICO, ss. County of		WITNESS MY hand and seal this day of
STATE OF XNEWX NEXTED, s5. County of		WITNESS <u>MY</u> hand and seal this <u>bth</u> day of <u>MARY EVELYN GRIMES MADDOX</u> (Seal)
County of		WITNESS MY hand and seal this bit day of MARY EVELYN GRIMES MADDOX (Seal) MARY EVELYN GRIMES MADDOX (Seal) Many Energy Energy Maddered
19_93 by		WITNESS <u>MY</u> hand and seal this <u>bth</u> day of <u>MARY EVELYN GRIMES MADDOX</u> (Seal) <u>MARY EVELYN GRIMES MADDOX</u> (Seal) <u>Mary Enelyn Grimer Madder</u> (Seal)
My Commission expires duil 2, 1995. STATE OF NEW MEXICO, County of <u>Control of Control of Control</u>		WITNESS <u>MY</u> hand and seal this <u>bth</u> day of <u>MARY EVELYN GRIMES MADDOX</u> (Seal) <u>TEXAS</u> STATE OF XNEW MEXHOD, 35.
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My Commission expires Oul 2, 1995. My Commission expires Oul 2, 1995. STATE OF NEW MEXICO, County of <u>CO</u> I hereby certify that this instrument Bad filed for <u>By</u> record on the <u>23r0</u> Hereby County Of <u>CO</u> Hereby Certify that this instrument Bad filed for <u>By</u> Rec. <u>By</u> Rec. <u>Frees 8</u>		WITNESS MY hand and seal this day of Ortology (Ortology 19 93, MARY EVELYN GRIMES MADDOX (Seal) MARY EVELYN GRIMES MADDOX (Seal) STATE OF XNEWX MEXICO, (Seal) STATE OF XNEWX MEXICO, (Seal) The foregoing instrument was acknowledged before me this of Ortology ,
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RICE Operating Company

122 West Taylor • Hobbs, New Mexico 88240 Phone: (505)393-9174 • Fax: (505) 397-1471

CERTIFIED MAIL RETURN RECEIPT NO. Z 577 009 517

June 25, 1999

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Mr. Wayne Price State of NM Energy and Minerals Dept. Oil Conservation Division 2040 South Pacheco Street Santa Fe, NM 87505

Re: Closure Plans Emergency Overflow Pit (Permit No. H-64) Below-Ground Redwood Tank Excavation SWD F-29 Facility NW/4, Unit Letter F, Sec. 29, T18S, R38E Lea County, NM

COPY

Dear Mr. Price:

Rice Operating Company (ROC) sincerely appreciates your consideration and recent response concerning the closure plans for the emergency overflow pit and the below-ground redwood tanks that are located at the F-29 Facility. As you know, the aboveground replacement tanks have been in service for some time and the large and deep excavation at the site is somewhat hazardous to the continuing operation of the facility. It is ROC's intention to work with NMOCD as timely as possible to close the immediate environmental issues here.

Specific areas of NMOCD concern detailed in your letter of May 22, 1999 are addressed immediately below (point by point) and are also appropriately incorporated into the revised closure plans for the facilities.

Emergency Overflow Pit (H-64)

In response to your request for additional information concerning the Emergency Overflow Pit (H-64), on June 3, 1999, ROC and Safety and Environmental Solutions, accompanied by Donna Williams, OCD Hobbs District Office, obtained additional bottom and side samples to further assess the site. (One composite sample of the bottom and sides was included in the original Closure Plan request.) Five-point composite samples were assembled from the bottom and sides and a two-point composite from the north end where it seemed to be a possible "hot spot."





ROC F29 Closure Plans 06/25/99

Further excavation of the hot spot was conducted (with impacted soil staged on site awaiting proper disposal at an OCD approved facility) and the area was re-sampled.

Each sample was tested for TPH (8015M), BTEX (8260), and chlorides. The sampling and testing were conducted per approved EPA methods and procedures. The results of these samples are illustrated in Table 1 of the attached Revised Emergency Overflow Pit (H-64) Closure Plan. Composite sample points are illustrated on the F-29 site drawing included in the revised plan.

Below-Ground Redwood Tank Excavation

- t the t
- 1. A topographic plot drawing of the site is attached. A vertical cross-section of the site is attached that denotes the results of chloride and TPH concentrations at the various sample sites. A calculated mass of in-situ contaminates is improbable to ascertain due to the various strata layers and their specific indeterminate densities. ROC is reluctant to stipulate any such mass quantity due to the obvious infallibility of delineation assumptions.
- 2. After in-depth discussions with various oil industry environmentalists and other ROC personnel, it has been decided to utilize a 10-12" packed-clay-layer barrier, instead of a polyethylene liner. The clay layer will be installed by a local contractor known to have previously installed clay layer barriers to the satisfaction of the NMOCD at similar sites closed in SE NM. The clay soil will be purchased from a local supplier.
- 3. To address lateral moisture migration under the clay-layer, Rice Operating Company proposes to expand the clay-layer coverage so lateral migration of moisture toward the impact area is further inhibited. The in-situ contaminate area will be over-capped an additional four to six feet to further prevent lateral migration/absorption of moisture.
- 4. The moisture-barrier clay-layer and the in-situ contaminates below it will be protected by placing the barrier ten-twelve feet underground at the level of the present excavation. This layer will not be disturbed by any normal surface activity practiced in the area. The presence and location of the clay layer will be defined on a permanent marker placed at the site. The landowner of record, Rice Operating Company, is fully aware of the future implications of disclosure, and will record the specifics with the property deed.
- 5. Rice Operating Company will commit to a two-year, quarterly sampling plan to monitor groundwater at this site and results will be reported annually to the NMOCD. The ground water will be tested for BTEX, Chlorides, and any other major cations and anions that the NMOCD and ROC deems reasonably prudent to monitor. The completed wellbore in the west part of the excavation will be extended to the surface, with a concrete pad poured around the well casing and a suitable protective locking device installed on the casing. The source of contamination is removed, the moisture-barrier will be in place to prevent any percolation of contaminates downward, and natural attenuation will be relied upon to remediate the vadose zone over the foreseeable future.





Upon approval of these revised closure plans, the plans will be executed for both the redwood tanks and the emergency overflow pit. Upon completion of the proposed work, the Pit Remediation and Closure forms for the redwood tanks and for the emergency overflow pit will be completed and submitted for the SWD F-29 Facility.

No further work will be performed at this site until the NMOCD responds to this request. This facility is located on a well-traveled road and is highly visible. The excavation at the site has been open for a considerable length of time. As always, Rice Operating Company will appreciate timely consideration in this matter.

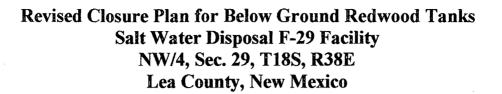
If you have any questions, please call.

Carolyn Doran Haynes

Carolyn Doran Haynes Operations Engineer

Enclosures: Revised Closure Plan Emergency Overflow Pit (Permit H-64) SWD F-29 Revised Closure Plan Below Ground Redwood Tanks SWD F-29 Pit Inventory Permit H-64

Cc: KH, LBG, file, Donna Williams OCD Hobbs District 1625 N. French Drive Hobbs, NM 88240



Determination of General Site Characteristics

A survey of the facility and surrounding area was conducted to determine the wellhead protection area and distance to the nearest surface water body.

No private domestic water source was identified within 200 feet of the tanks.

No water wells were identified within 200 feet of the tanks.

No surface bodies of water or ground water discharge sites (seeps, springs, marshes, or swamps) were identified within 1,000 feet of the tanks.

Depth to ground water at the site was determined to be 50 feet below ground surface based on boring data gathered at the site. A topographic plot drawing of the site is attached.

Soil Remediation Levels

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The total ranking score and corresponding recommended soil remediation levels pursuant to Section II A of the Closure Guidelines are as follows:

CRITERIA	APPLICABLE STANDARD	SCORE
Depth to ground water	Less than 50 feet	20
Well head protection	Greater than 1,000 feet from water source	
	Greater than 200 feet from private water source	0
Surface water bodies		0
TOTAL RANKING SC	CORE	20

ANALYTICAL PARAMETER	REMEDIATION LEVEL				
Benzene 10 ppm*					
BTEX (benzene, toluene, ethylbenzene, and 50 ppm* xylenes)					
TPH (total petroleum hydrocarbon)100 ppm**					
* A field soil vapor headspace measurement of 100 ppm benzene and BTEX concentration limits pursuant to Sect	ion II.B.1, Closure Guidelines				

****** TPH Remediation Level = 100 ppm plus background concentration



Target Chloride Level

Based on conversations with Mr. Roger Anderson and Mr. Wayne Price, Environmental Bureau, Oil Conservation Division, it is understood that a target level of 250 ppm (mg/l) has been suggested for delineation of chloride impact to the vadose zone. This level is not specifically stipulated in OCD guidelines or OCD regulations generated by due process as being a target level for remediation. It is also understood that 250 ppm chlorides is the maximum allowable chloride concentration for groundwater to comply with WQCC regulations.

Initial Assessment

After the replacement aboveground tank facility was put in service, the belowground redwood tanks were cleaned and disassembled in January 1999. The tank site was excavated an additional four-feet circumferencially and two-feet deeper. The excavation was visually inspected for evidence of hydrocarbon impact. A small area in the top (north) center end of the excavation exhibited moderate surface staining and was further excavated and the soil was staged on location then later transported to an OCD permitted facility for disposal.

Preliminary composite samples were collected from the bottom of the excavation (9' BGS) by F. Wesley Root on January 20, 1999 and were found to be:

SAMPLE LOCATION	ТРН ррт	CHLORIDE ppm
Excavation Bottom East	202	1030
Excavation Bottom Middle	298	316
Excavation Bottom West	24	285

Further excavation was done in the east and middle of the hole, extracting an additional two feet from the bottom of the hole. Composite samples of the newly excavated bottom (at 11' BGS) were collected by F. Wesley Root on January 26, 1999 and analyzed. Excavation side samples were collected June 3, 1999 by Safety and Environmental solutions. The results are:

SAMPLE LOCATION	TPH ppm	CHLORIDE ppm
Excavation Bottom East	<10	791*
Excavation Bottom Middle	23.4	443*
Excavation Bottom West	24	285*
Excavation Side West	143	1084**
Excavation Side East	12	207**

TPH: EPA Method 8015M Chlorides: *EPA Method 325.3 **Standard methods 4500 Cl B

All excavated soil was staged on site, tested for TPH content. Contaminated soil was disposed at the NMOCD approved Sundance facility. Disposal manifests are attached.



ROC F29 Rdwd Closure Plan 06/25/99

1005

Rice prepared a work plan to determine the vertical extent of chloride impact to the vadose zone at the redwood tank excavation. On March 6, 1999, the TPH and chloride concentration was delineated in the vadose zone that was directly beneath the redwood tanks. The Hobbs District I Office of OCD was notified 48 hours in advance, and Mr. Wayne Price visited the site to witness boring, sampling, and testing operations while in progress.

The ground water in this area was determined by this boring to be 50 feet from surface grade. Attached are the March 6, 1999, drilling logs with applicable subsurface lithology, analyticals, and remarks. The total boring depth was 36 feet for the East boring and 50 feet for the West boring (which was to groundwater.) Samples were taken at 5-foot intervals and were split into two or more portions.

One portion was field screened for soil vapor headspace using a HNU DL-101 photoionizer detector (PID) pursuant to Section II.B.1 of the closure guidelines and for chloride content using a field chloride test kit. Samples were submitted to Cardinal Laboratories for TPH analysis using EPA Method 418.1, for chloride concentrations using EPA Method 325.3 and for BTEX analysis using EPA Method 8260.

The chlorides and BTEX levels of the groundwater indicate that the groundwater has not been adversely impacted by the migration of salt water and chlorides are <250ppm at 10 feet above groundwater. The West area vadose zone does contain TPH (3660ppm), but it is located 10 feet above groundwater. The East area of the excavation tested <100ppm TPH and <250ppm Chlorides 20 feet above groundwater. Results are summarized below.

SAMPLE ID	DEPTH	OVM	CHLC	ORIDE	ТРН
SAMI LE ID		UVM	FIELD	LAB	1111
West BH B-1	40-41 feet	1125	440	206	3660
West BH B-1	45-46 feet	61	150	158	70.8
East BH B-2	30-31 feet	41	275	95	48.0
East BH B-2	35-36 feet	33	100	63	465*
East BH B-2	35.5 feet				117
Groundwater	50 feet		150	194	BTEX<10

Table 1:	Facility	F-29 Ai	alvtical	Results in	PPM of	f Boring	Sampling	March 5, 1999
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TPH: EPA Method 418.1 Chlorides: EPA Method 325.3 BTEX: EPA SW 846 8260 *This value is believed to be an anomaly considering the OVM and chloride concentrations. A reserve sample at 35' was tested for confirmation and was found to be a more predictable level.

The boring in the West area of the excavation was cased as illustrated on the boring log and developed in order to test the groundwater. The East boring was filled/plugged with bentonite.

The attached plot drawings illustrate the location of sample sites. Also attached is a corresponding vertical cross-section view of measured in-situ contaminant concentrations.



#### **Recommendation for Risk Assessment:**

Considering groundwater at 50 feet BSG and the concentration of >100 ppm TPH and >250 ppm chlorides in the vadose zone:

- A. Although extremely unlikely, many consecutive years of abnormally high rainfall could conceivably afford the possibility of chlorides and TPH leaching into the groundwater during the next 10,000 years.
- B. Rice Operating proposes to eliminate the downward migration of moisture and therefore chlorides and TPH to groundwater by installing a 10-12" packed-clay-layer barrier over the entire excavated area, which is an overlap of the impacted area by 6-8 feet all around, and at the depth of 10-12 feet. The clay-layer will be installed by a local contractor known to have previously installed clay barriers to the satisfaction of the NMOCD at similar sites closed in SE NM. The clay will be purchased from a local supplier who has supplied much of the clay used in this area. NMOCD (Hobbs) will have 48 hours advance notice of the installation.
- C. To address lateral migration under the moisture barrier, the clay-layer coverage will be expanded to extend four to six feet beyond the impacted area. The overcap of the impact area will further inhibit/prevent lateral migration/absorption of moisture. The clay-barrier will be covered and packed with a layer of rock-free soil, and then the excavation will be backfilled and packed with clean soil/caliche. The site will be re-graded and the berm will be rebuilt.
- D. The presence and location of the clay-layer will be defined on a permanent concrete marker placed at the site. The information will also be recorded on the property deed for future disclosure purposes. Landowner of record is Rice Operating Company.
- E. Rice Operating Company will commit to a two-year, quarterly sampling plan to monitor groundwater at this site and results will be reported annually to the NMOCD. The ground water will be tested for BTEX, Chlorides, and any other major cations and anions that the NMOCD and ROC mutually deem reasonably prudent to monitor. The completed wellbore in the west part of the excavation will be extended to the surface, appropriately grouted. A concrete pad will be poured around the well casing and a protective locking device will be installed on the casing. The source of contamination is removed, the moisture-barrier will prevent percolation of contaminates downward, and natural attenuation will be relied upon to remediate the vadose zone over the foreseeable future.

Attachments: Drilling Logs Plot Drawings: Site Topo, Sampling Points, X-Section, Clay-Layer Spec. Laboratory Results and Chains-of-Custody Disposal Manifests

## Revised Closure Plan for Emergency Overflow Pit (Permit No. H-64) Salt Water Disposal Well No. F-29 Southwest 1/4, Section 29 of T18S R38E Lea County, New Mexico

#### **Determination of General Site Characteristics**

A field survey of the pit and surrounding area was conducted to determine the wellhead protection area and distance to the nearest surface water body.

No private domestic water source was identified within 200 feet of the pit.

No water wells were identified within 200 feet of the pit.

No surface bodies of water or groundwater discharge sites (seeps, springs, marshes, or swamps) were identified within 1,000 feet of the pit.

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Depth to ground water at the site was determined to be 50 feet below ground surface based on boring data gathered at the F-29 Facility site. A topographic plot of the site is attached.

#### Soil Remediation Levels

1.16

The total ranking score and corresponding recommended soil remediation levels pursuant to Section II A of the Closure Guidelines are as follows:

CRITERIA	APPLICABLE STANDARD	SCORE
Depth to ground water	Less than 50 feet	20
Well head protection	Greater than 1,000 feet from water source	
	Greater than 200 feet from private water source	0
Surface water bodies		0
TOTAL RANKING SC	ORE	20

ANALYTICAL PARAMETER	REMEDIATION LEVEL
Benzene	10 ppm*
BTEX (benzene, toluene, ethylbenzene, and xylenes)	50 ppm*
TPH (total petroleum hydrocarbon)	100 ppm**
<ul> <li>A field soil vapor headspace measurement of 100 ppm benzene and BTEX concentration limits pursuant to Section</li> <li>** TPH Remediation Level = 100 ppm plus background content</li> </ul>	n II.B. 1, Closure Guidelines





#### **Target Chloride level**

Based on conversations with Mr. Roger Anderson and Mr. Wayne Price, Environmental Bureau, new Mexico conservation Division, it is understood that a target level of 250 ppm (mg/l) has been suggested for delineation of chloride impact to the vadose zone. This level is not specifically stipulate in OCD guidelines of OCD regulations generated by due process as being a target level of remediation. It is also understood that 250 ppm chlorides is the maximum allowable chloride concentration for groundwater to comply with WQCC standards.

#### Initial Assessment

The emergency pit was visually inspected for evidence of hydrocarbon impact. A small area in the north end of the pit exhibited moderate surface staining. The stained area was excavated and the soil was staged on location pending transport to an OCD permitted facility for disposal.

Three soil samples were collected to verify that the emergency pit meets the remediation levels. The samples were split into two portions. One portion was field screened for soil vapor headspace using a HNU DL-101 photoionizer detector (PID) pursuant to Section II.B.1 of the closure guidelines. The remaining sample portion was submitted to Cardinal Laboratories for TPH analysis using EPA Method 8015M. In addition, the samples were analyzed for chloride concentrations using EPA Method 325.3.

Field headspace readings and analytical results are presented in the following table.

SAMPLE ID	OVM	Chloride	ТРН	BTEX
PBN	6 ppm	79 ppm	59.9 ppm	
PBS	3 ppm	79 ppm	30.7 ppm	
PBC	< 1 ppm	111 ppm	30.2 ppm	
PB		<10 ppm	<50 ppm	
PS		430 ppm	<10 ppm	<50 ppm
NPS		303 ppm	< 50 ppm	<50 ppm
NPB		653 ppm	< 50 ppm	<50 ppm
PBS = sample from th PBC = composite sam	ple from the bottom of the bottom of the trench is ple of the material form	n the south end of the p ing the bottom and side	it ( 3.5 feet below pit bo s of the pit	
• •	e of the pit bottom (Jun	, ,	•	
	e of pit sides that had n		· · ·	
	ple of the north side of j	· · · · · · · · · · · · · · · · · · ·		
NPB = composite sam	ple of new bottom after	excavation (June 16, 19	999)	

Chlorides: Standard methods 4500 Cl B; TPH: EPA 8015M; BTEX: EPA 8260





#### Summary

- Field headspace results measured levels well below 100 ppm and were substituted for BTEX analysis (for the January samples.) Soil TPH concentrations are below the remediation level of 100 ppm. Soil Chloride levels ranged from 79 to 653 ppm.
- The site assessment activities verify that the vertical and horizontal extent of impact has been delineated and that the remaining hydrocarbon concentrations meet the remediation standards for closure pursuant to the Unlined Surface Impoundment Closure Guidelines.

#### **Conclusions and Recommendation for Risk Assessment**

Based on the information presented, the pit is in compliance with OCD closure regulations of TPH < 100 ppm. Rice will initiate closure plan activities upon receipt of written OCD approval of this plan. Closure activities include:

- A. The source of contamination is removed. Remediation of contaminates remaining in the vadose zone will undergo natural attenuation over the next 10,000 years.
- B. Install a 10-12" compacted clay layer (clay purchased locally) on the bottom of the pit to prevent moisture induced downward or lateral migration of the remaining chlorides.
- C. Backfill on top of the clay with clean material purchased from a local caliche pit. The site will be re-graded and the berm will be rebuilt.
- D. Excavated material (approximately 40 loose cubic yards) has already been disposed at the Parabo Disposal Facility operated by Sundance Services, Inc. and the disposal manifests are attached.
- E. The presence and location of the clay-layer will be defined on a permanent concrete marker placed at the site. The information will also be recorded on the property deed for future disclosure purposes. Landowner of record is Rice Operating Company.
- Attachments: Plot drawings: Site Topo, Sampling Points, X-Section, Clay-Layer Grade Laboratory Results and Chains-of-Custody Disposal Manifests

District I P.O. Box 1980, Hobbs, NM 88241-1980 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos, Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505

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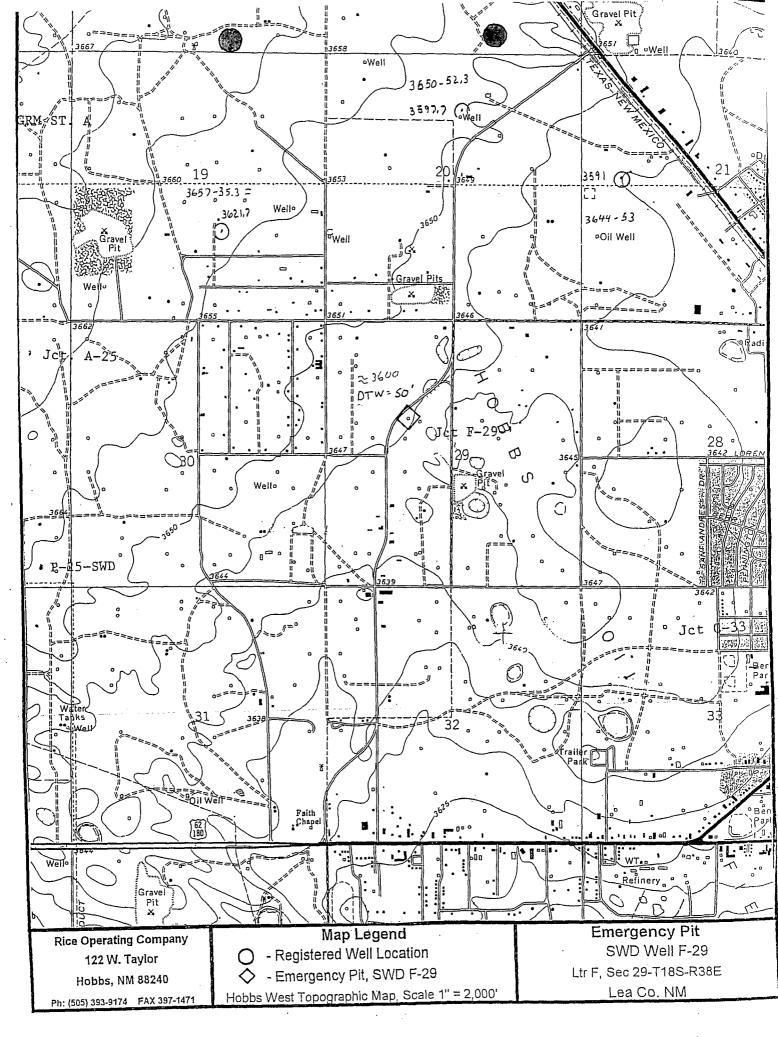
State of New Mexico Energy, Minerals & Natural Resources Departma OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505 OPERATOR'S MONTHLY REPORT

Submit 2 copies to Appropriate District Office in accordance with Rule 116 on back side of form

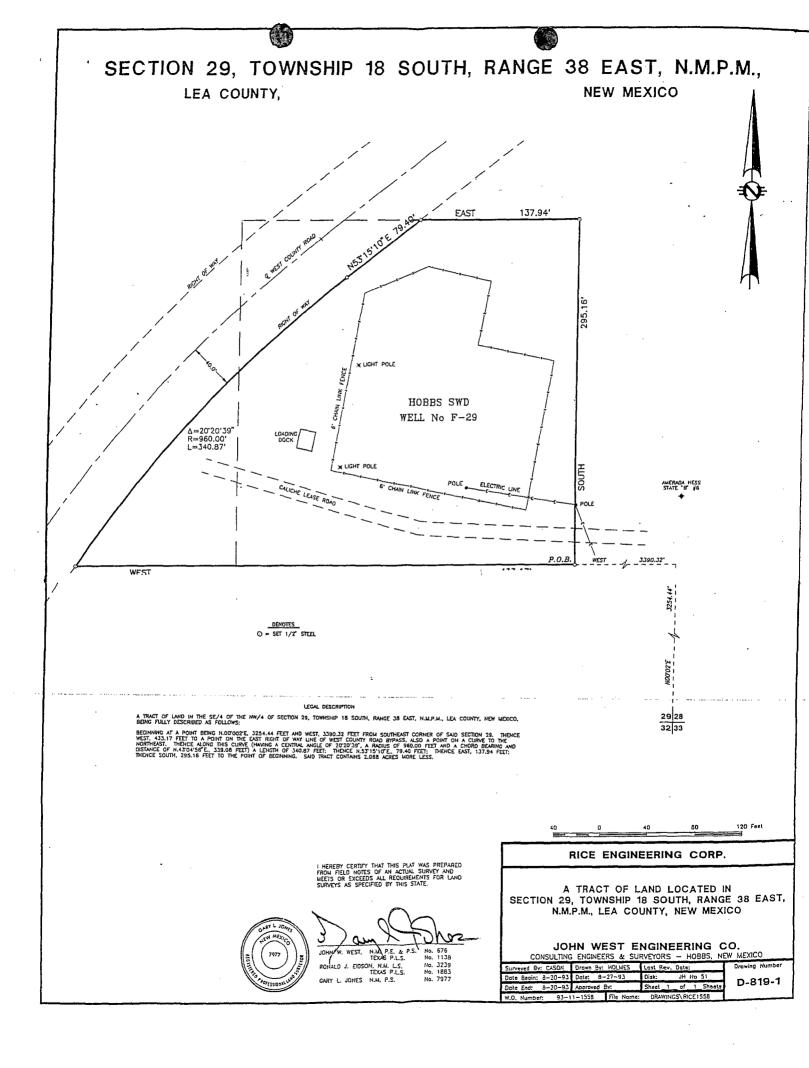
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					OPER		ſ	Initial Report	X Final Report	
Name Rice Opera	ting Com	pany				Contact F. Wesley Ro	oot			
Address 122 West 7	Taylor	Hol	obs, NM	88240	,	Telephone No. 505-393-917	4			
Facility Name SWD Well						Facility Type SWD Dispos	al Facility			
SWD Well	Γ-29			·		SWD Dispos				
Surface Owner				Mineral Owner			Lease No.	· · · · · · · ·		
Rice Opera	ting Com	pany				· · ·				
				LOCATIO	ON OF :	RELEASE				
Unit Letter F	Section 29	Township T18S	Range R38E	Feet from the	North	/South line	Feet from the	East/West Line	County LEA	
				NATURI	E OF R	ELEASE				
Type of Release Production V	Vater					Volume of Relea Unknown	च ed			
Source of Relea Tanks and/or		ciated with fa	acility			Date and Hour o Unknown	f Occurrence	Date and Hour 03/05/99	•	
Was Immediate		? Not Requir	ed			If YES, To Who Mr. Wayne				
By Whom? F. Wesley F	loot					Date and Hour 03/05/99 10	:30 AM			
Was a Watercou		□ Ye	s XN			If YES, Volume	Impacting the Water	course.		
If a Watercourse	was Impacte			dditional Sheets If No.	ecessary)					
N/A										
Soil impacted Removed pot	l from cum ential sour	ulative effec	ts of mino rade tanks	(Attach Additional Sh or leaks during ope and associated pi noval operations.	eration of	of facility.	l transported 510	lcys of impacte	d soil to OCD · ···	
Area affected ground surface	: Impacted æ. Ground	l soil limited l water was n	to a surfaction to a surfaction of the surface of t	ch Additional Sheets I ce area 40 feet by ed. Drilled soil b closure plan with	70 feet corings (	(2,800 square on 3/5/99 to as	ssess impact and			
required to report C-141 report by the	and /or file ce ne NMOCD m t pose a threat	rtain release notif arked as "Final R to ground water,	ications and p eport" does n human healt	omplete to the best of m perform corrective action not relieve the operator h or the environment. If (or regulations	ons for rele of liability	eases which may en should their opera	ndanger public health o tions have failed to ad	or the environment. The equately investigate as	he acceptance of a nd remediate	
Signature		fleren				<u> </u>	OIL CONSERVATIO	ON DIVISION		
Printed Name: C	•		ways			proved by				
Title: Operation						rict Supervisor: proval Date:	Expiration Da	Date:		
Date: 6-24-99		Phone: 505-3	93-9174		Con	ditions of Approv	val:	Attached		
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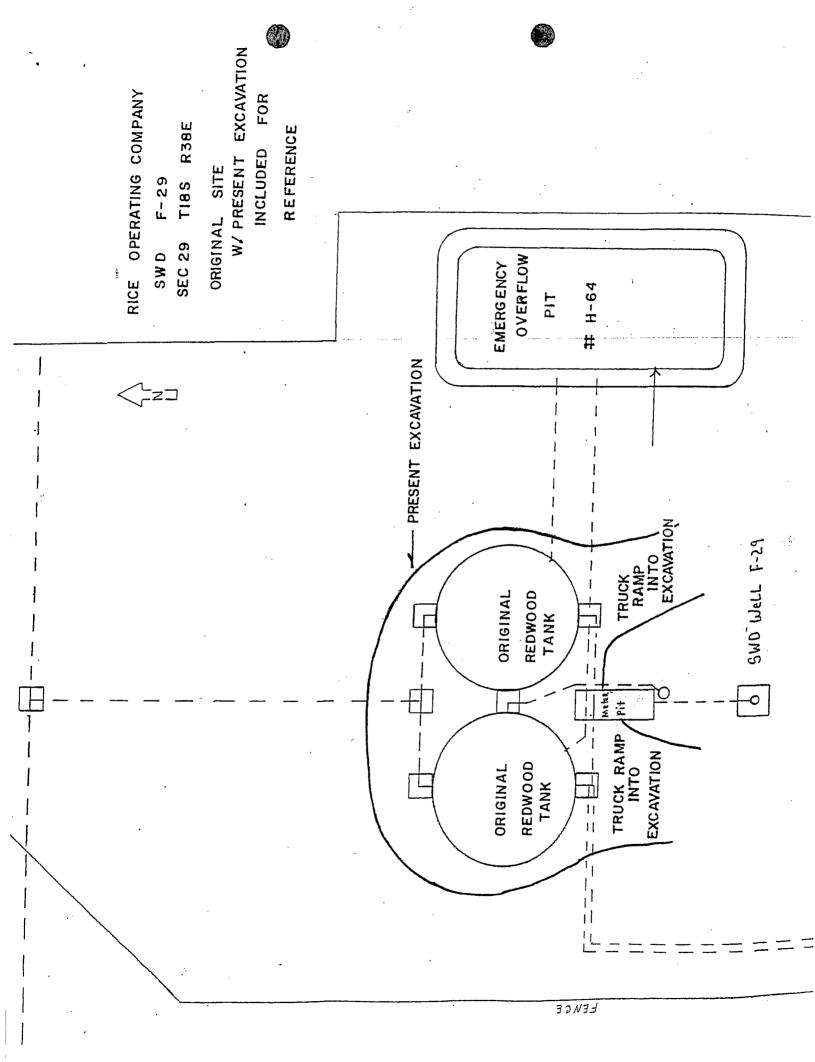
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	West Taylor w Mexico 88240	29-T155-R38E Lea Co. New Mexico	Casing Length:	Boring Dia	ameter:	Casing Size:	Grouted Bentonite plug								
Phone: (	(505) 393-9174		30'/40' GS Screen Length:	6" Drilling Me	ethod:	2" Slot Size:									
Fax: (5	05) 397-1471		20'	Air Rota		0.02" FS									
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(Feet)			Sample Type	(ppm)											
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- 12	Indurated light brox	wn calcareous sand (caliche)	-			•									
- ·13		wh calcalebus said (calcile)													
- 14 15			Split-Spoon	242	1	5-197 <b>-</b>									
- 16	Light brown calcare	eous sand (caliche)	Split-Spool		• Chlori	de – 800 ppm									
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	Sand interbedded w/ gray limestone	Field Test     Laboratory Result													
	stringers	Laboratory Result	Split-Spoon	61		le – 150 ppm									
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47	Brown fine grain	Bentonite Seal			+	, 2.0 Phu									
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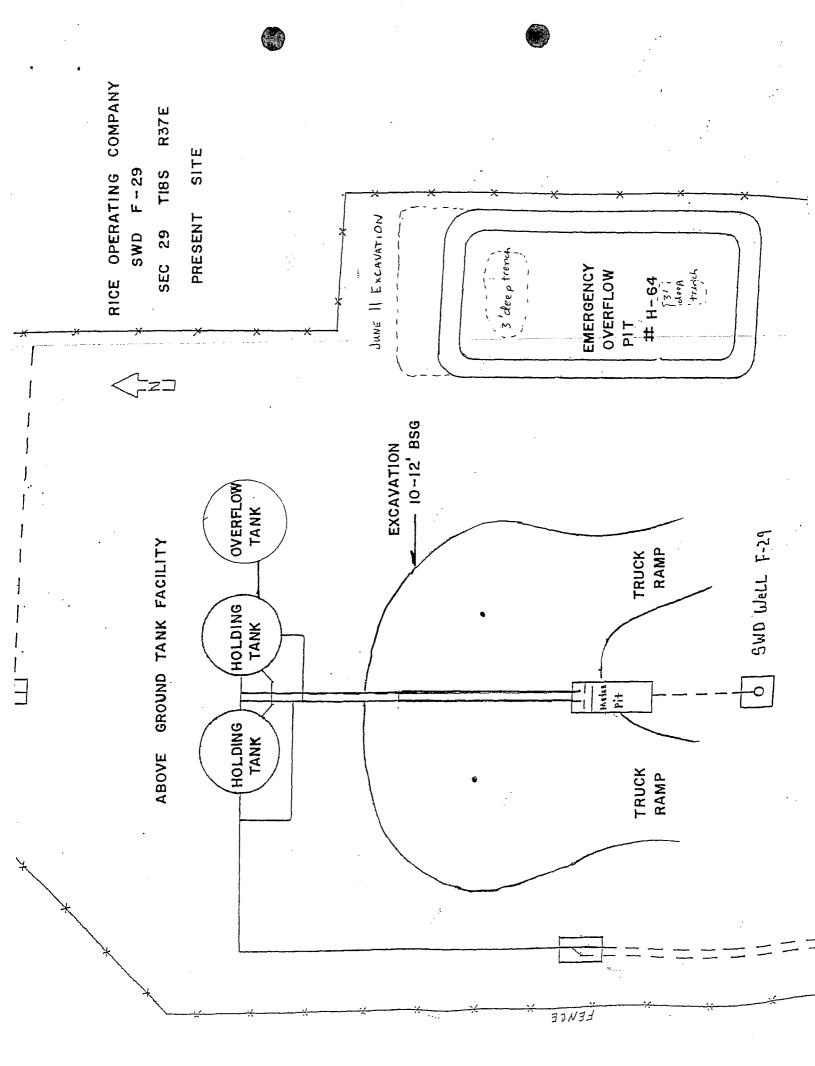
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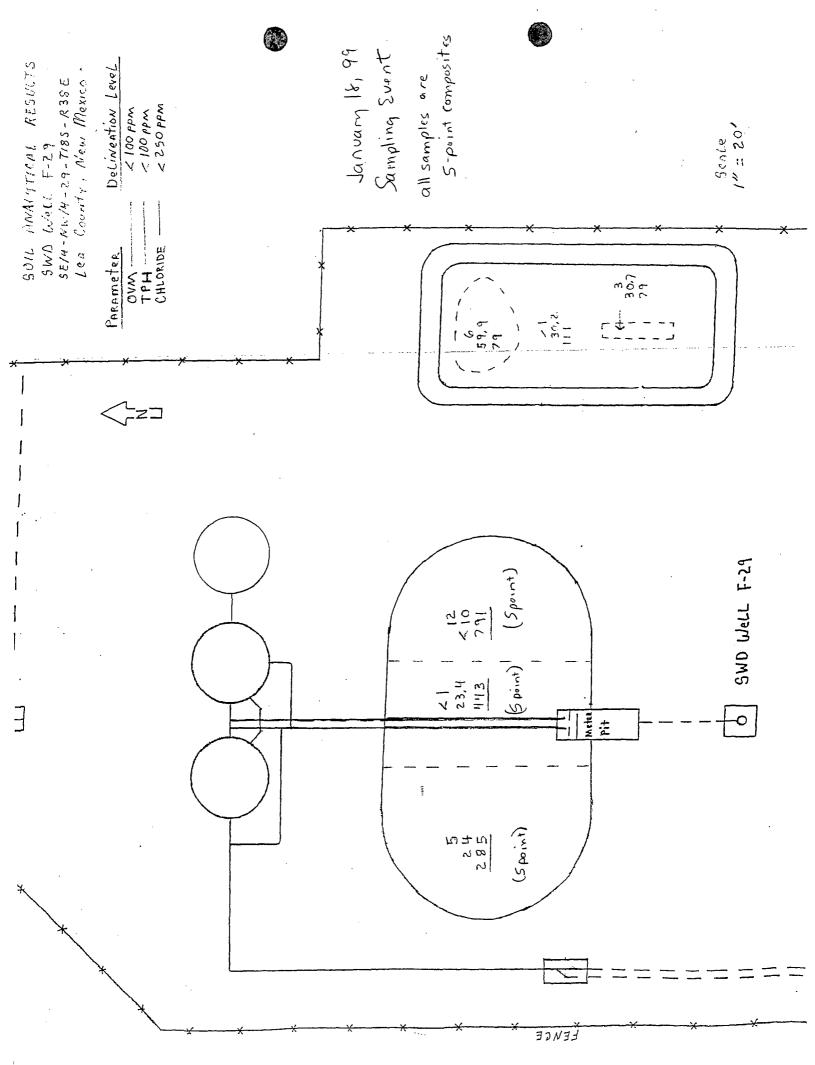
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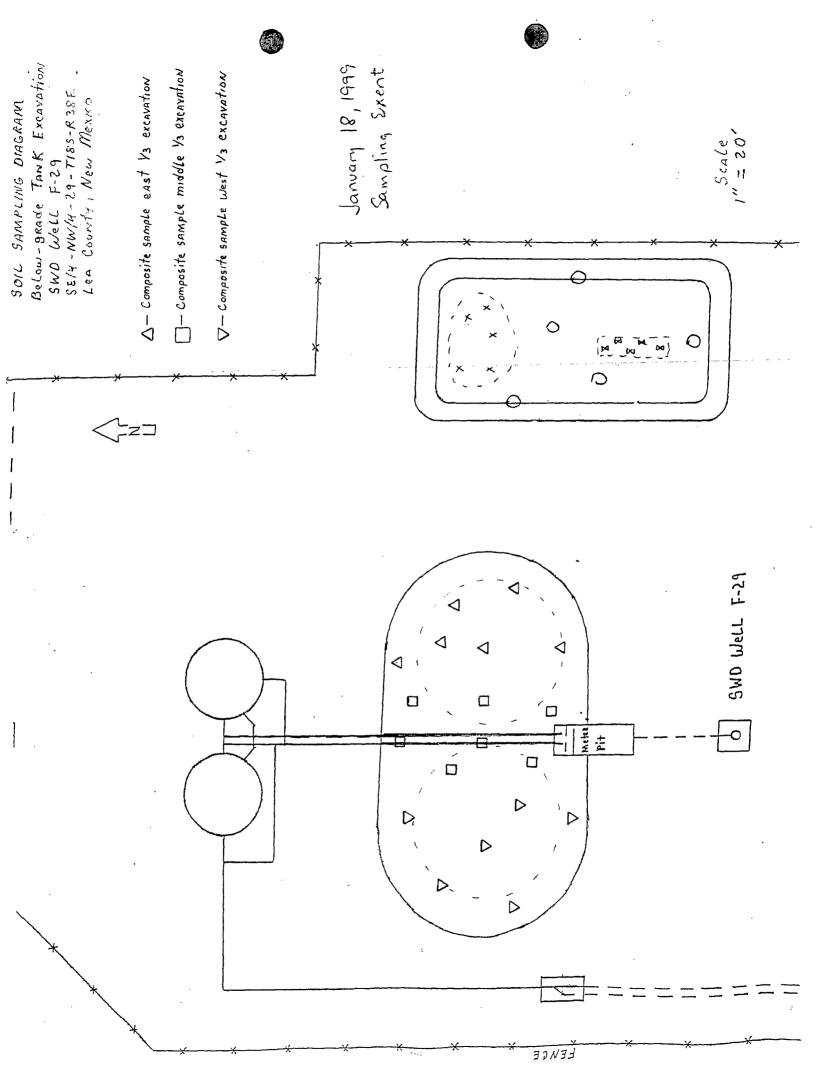


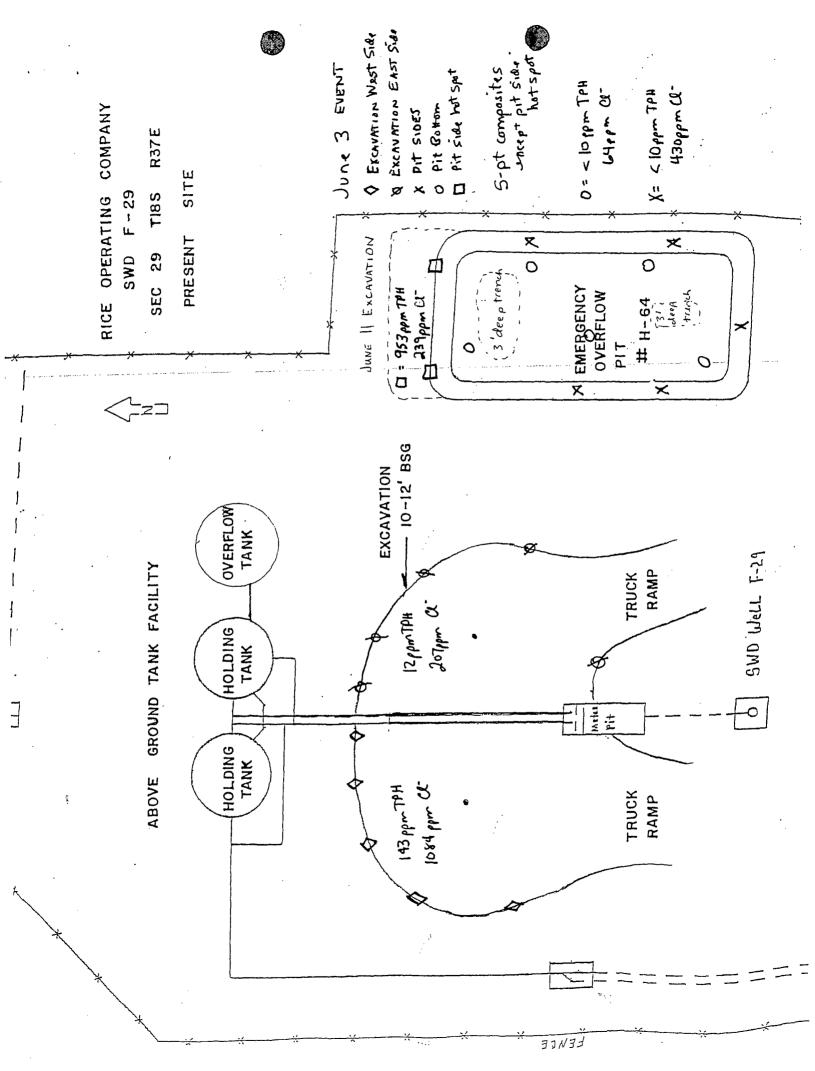


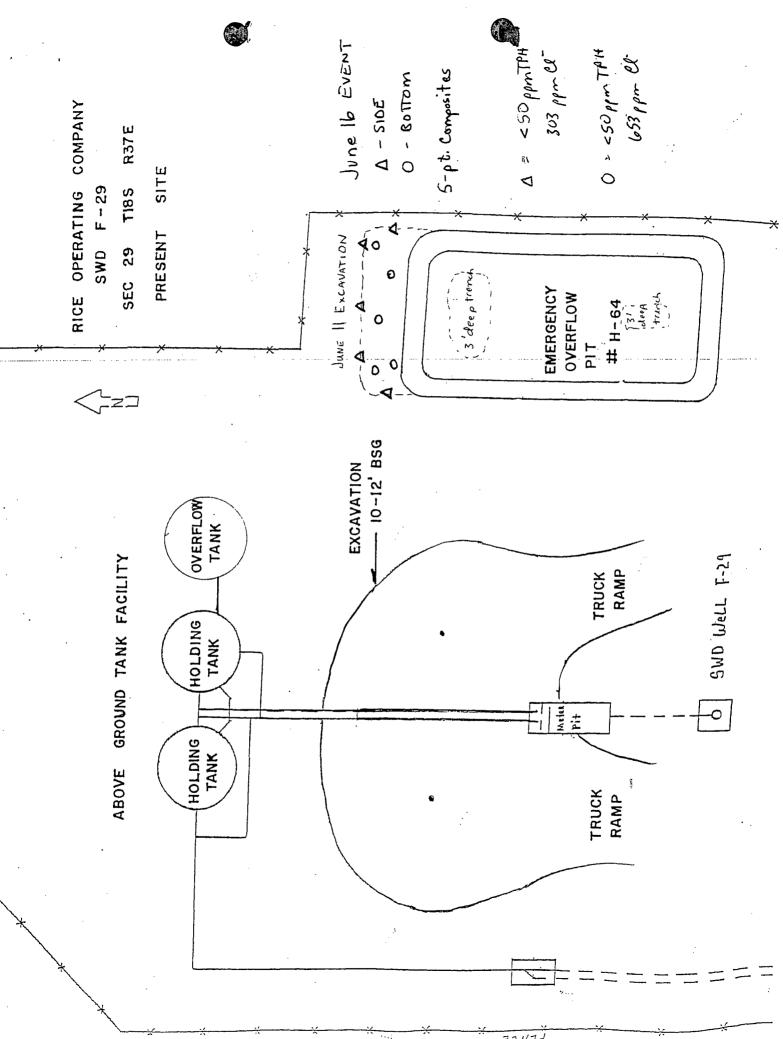


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Emergency Overflow Pit	<50 pm TPH		<10 ppm TPH		Cl; <60 ppm TPH																							Redwood Tank Excavation and Emergency Overflow Pit	Unit Letter F, Sec 29-T18S-R38E
Emergenc	300-430 ppn Cl		64 ppm Cl		79 ppm Cl;																							Redwood Tank Excava	Unit Letter F
		12 ppm TPH	207 ppm/Cl			<10 ppm TPH	791 ppm Cl									48 ppm TPH		63 ppm TPH										Chloride and TDH	Delineation
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		145 ppm TPH	1084 ppm Cl			24 ppm TPH	285 ppm Cl				800 ppm Cl			1700 ppm Cl		700 ppm Cl					206 ppm Cl			70 ppm Cl		Groundwater Level		Rice Operating Company	Hobbs, NM 88240
Ground Surface		2	4	9	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50			



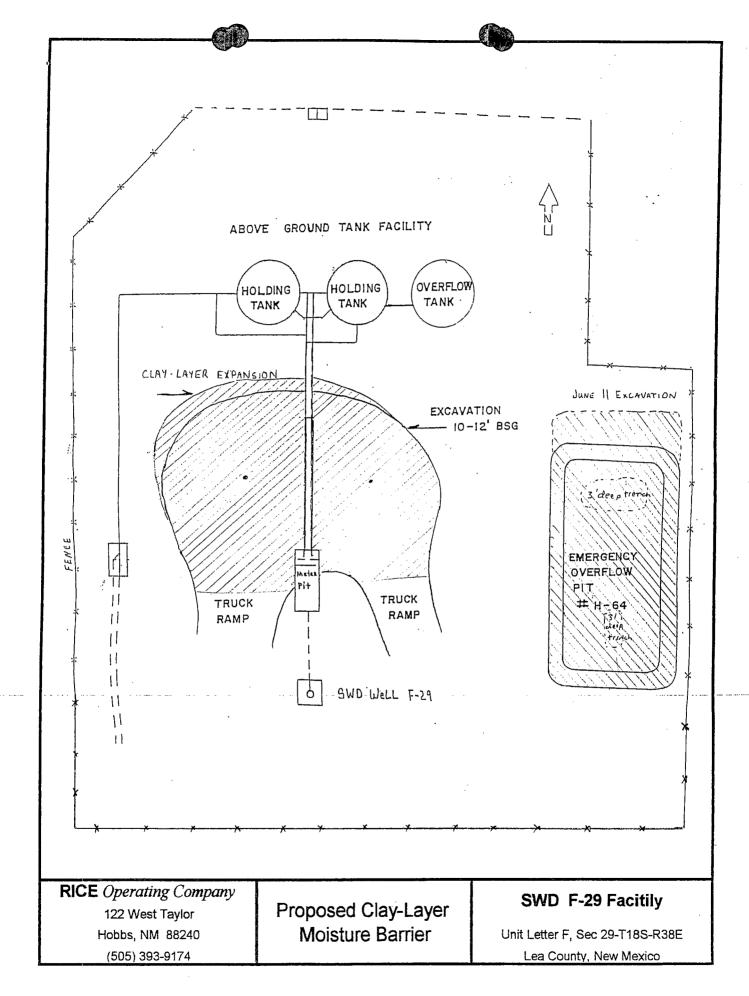






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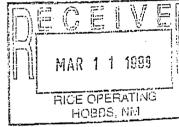


PHONE (505) 393-2326 · 101 E. MARLAND · HOBBS, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: F. WESLEY ROOT 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 03/08/99 Reporting Date: 03/09/99 Project Number: NOT GIVEN Project Name: SWD WELL F-29 Project Location: 29-T195-R38E, LEA CO. NM Sampling Date: 03/05/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: BC/AH

	TPH	Cl*
LAB NUMBER SAMPLE ID	(mg/Kg)	(mg/Kg)
ANALYSIS DATE:	03/08/99	03/08/99
H4049-1 B-1 (40-41')	3660	206
H4949-2 B-1 (45-46')	70.8	158
H4049-3 B-2 (15-16')	10400	665
H4049-4 B-2 (30-31')	48.0	95
H4049-5 B-2 (35-36')	465	63
Quality Control	244	1335
True Value QC	240	1319
% Recovery	102	101
Relative Percent Difference	3.2	1.5
METHODS: EPA 600/4-79-02	· 418.1	325.3



*Analyses performed on 1:4 w:v aqueous extracts.

2 Caste

H4049-1.XLS

PLEASE NOTE: Llability 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 negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thiny (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 profils incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



PHONE (505) 393-232 . 101 E. MARLAND . HOBBS, NM 88240

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: F.WESLEY ROOT
122 W. TAYLOR
HOBBS, NM 88240
FAX TO:

Receiving Date: 03/05/99 Reporting Date: 03/06/99 Project Owner: RICE OPERATING Project Name: SWD F-29 Project Location: 29-T18S-R38E, LEA CO., NM Sampling Date: 03/05/99 Sample Type: GROUNDWATER Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: BC

			•	ETHYL	TOTAL
LAB NO. SAMPLE ID	Cľ	BENZENE	TOLUENE	BENZENE	XYLENES
	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
ANALYSIS DATE:	03/05/99	03/05/99	03/05/99	03/05/99	03/05/99
H4046-1 B-1	194	<0.002	<0.002	<0.002	<0.006
				·	
Quality Control	1335	0.089	0.095	0.092	0.276
True Value QC	1319	0.100	0.100	0.100	0.300
% Recovery	101	88.9	94.6	91.5	92.0
Relative Percent Difference	1.5	3.5	4.6	4.0	5.1

METHODS: CI- Std. Methods 4500-CI'B; BTEX - EPA SW-846 8260

Alash

# H4046.XLS

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ARDI	ARDINAL LABORATORIES INC	RIFS INC		CHAIN-OF-CUS	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	UEST
1	2111 Beechwood, Abilene, TX 79603 (915) 673-7001 Fax (915) 673-7020	101 E (505)	ast Marland, Hobbs, NM 88240 393-2326 Fax (505) 393-2476			
	Rice Operating C	COMPANY			Page of	
Project Manager:			BILL TO PO#:		AMALISIS REQUEST	
Address: 122	West TAYLOR		mpany: ${\cal R}'_{{\cal C}}$			
City: Habbs	State: NM ZIp:	0H788 :	1-1/24			
Phone #: 505 3	393-9174		iss: /22 West			
Fax #:			665			
Project #:	Project Owner:	Rice OPERATING	1			
Project Name: 5	SWD F-29		#: 505-393-	 		Ŕ
Project Location: 2	9-TIBS-A38E, Lea	Co, NM				)—
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sorvice. In no ovent shall Cardnal affiliates or successors arising out	service. In no over that Cardnal be late for incidental or consequential damages, including without findiadon, business interrupt stillates or successons andsing out of or related to the performance of services herounder by Cardnal, reporters of whether such	os, inckudng without imitation, business in srounder by Cardinal, regardicss of whethe	terruptions, lass of use, or lass of profile Incurred by citent, its subsidiaries, ef such claim is based upon any of the above stated reasons or otherwise.	N, its subsidiaries, ons or alherwise,	Ju days past due at the rate of 24% per annum from the original date of involce, and all costs of collections, including allomoy's fees.	Involce,
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† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.





<u>Pistrict I</u> - (505) 393-6161 P. O. Box 1980 Hobbs. NM 88241-1980 <u>District II</u> - (505) 748-1283 811 S. First Artesis. NM 88210 <u>District III</u> - (505) 334-6178 1000 Rio Benzos Road Aztec. NM 87410 <u>District IV</u> - (505) 827-7131

1

New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Submit Original Plus 1 Copy to Santa Fe

Originated 6/27/97

PIT INVENTORY FC
------------------

Operator:RICE OPERATING COMPANY
Address: 122 WEST TAYLOR
HOBBS NM 88240
Phone Number: (505) 393-9174
Previous Operator(s): Hobbs Salt Water Disposal System
Is the pit permitted: Yes 🗌 No 🔂
Unit Letter: F Section: 29 Township: 185 Range: 38E
County: Lea
Location Name Rice Operating Company Salt Water Disposal F-29 Well
Number of wells to the pit: <u>Truck terminal (</u> varies)
Are the wells to the pit operated by one operator $\mathbb{X}^k$ or multiple operators $\Box$
Total daily volume (in barrels) to the pit: <u>1,000</u>
Pit Type:2 - below ground Redwood terminal tank
(Emergency, Production, Workover, Reserve/Drilling(greater than 6 months old), Flare, Blowdown, Seperator, Dehydrator, Line Drip, BS&W/Tank Bottoms, Compressor, Pigging, Washdown, or other)
What types of wastes are accepted in the pit (Exempt, Non-exempt, Both, None): <u>Exempt</u> (production test)
Pit age (years):
is the pit lined 🔀 or unlined 🗌
Type of liner (None, Synthetic, Clay) : Redwood tanks on concrete pad
s leak detection present: Yest No Observation boxes around tanks
s the pit netted: Yes 🎦 No 🔲 Covered with Redwood top
it dimensions (LxWxD): <u>28" dia x 8" HT</u>
TERTIFICATION
hereby certify that the information submitted is true and correct to the best of my knowledge and belief.
Name Roger Hall Title Operations Engineer
ignature_Ryn Hall Date 10/31/97

A vite to defined as any holes made as anteres barrow which manine and with some and the second seco





<u>Piscist</u> - (505) 393-6161 P. O. Box 1960 Hobbs: NM \$2241-1980 <u>District II</u> - (505) 748-1223 811 S. Fraz Artenia. NM \$2210 <u>District III</u> - (505) 334-6173 1000 Rio Benzon Road Aztec. NM \$7410 <u>District IV</u> - (505) \$27-7131

New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Subtrue Original Plue 1 Copy to Santa Fe

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Originated 6/27/97

a second to contraction and a second	
PIT	T INVENTORY FORM
Operator:RICE OPERATING COM	MPANY
Address 122 WEST TAYLOR	· · · · · · · · · · · · · · · · · · ·
Hobbbs, New Mexico	)
Phone Number: (505) 393-9174	
Previous Operator(s): Hobbs Salt Water	· Disposal System
Is the pit permitted: Yes 🖾 No 🗌	
Unit Letter: F Section:29 Township: 185	Range: <u>38E</u>
County: Lea County	
Location Name: F-29 Salt Water Dis	sposal System Well
Number of wells to the pit: _1	
Are the wells to the pit operated by one operator	XX or multiple operators 🗌
Total daily volume (in barrels) to the pit:N	None
Pit Type:Emergency	
(Emergency, Production, Workover, Reserve/Drilling(greater the Line Drip, BS&W/Tank Bottoms, Compressor, Pigging, Washed	
What types of wastes are accepted in the pit (Exemp	Exempt(production water)
Pit age (years):35	
Is the pit lined 🗌 or unlined 🗷	
Type of liner (None, Synthetic, Clay) :None	······
Is leak detection present: Yes 🗌 No 🔀	
Is the pit netted: Yes 🗌 No 🔀	
Pit dimensions (LxWxD): <u>63' X 29' X 3'</u>	
CERTIFICATION	
nereby certify that the information submitted is tru	rue and correct to the best of my knowledge and belief.
Roger Hall	_ Tute _ Operations Engineer
Signature Rozen Hall	Date 10/28/97
8	

A pit is defined as any below grade or surface feature which sectives any materials other than fresh water.

LINGER	01120	

DISTRICT I P.O. Box 1980, Hobbe, NM 88241-1980
DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

.

Permit No	<u>H-64</u>
(For Div	vision Use Only)

1

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

APPLICATION FOR EXCEPTION TO DIVISION ORDER R-8952 FOR PROTECTION OF MIGRATORY BIRDS Rule 8(b), Rule 105(b), Rule 312(h), Rule 313, or Rule711(I) Operator Name: <u>Rice Engineering Corporation</u>
Operator Address: <u>122 W. Taylor, Hobbs, New Mexico 88240</u> Lease or Facility Name_SWD Well F-29 <u>Location_F 29 185</u> 38F
Size of pit or tank: 63'x29'x3' deep, approx. 1000 bbls. Ut. Ltr. Sec. Twp. Ag
Operator requests exception from the requirement to screen, net or cover the pit or tank at the above-described facility.
The pit or tank is not hazardous to migratory waterfowl. Describe completely the reason pit is non-hazardous The pit is used only in emergencies such as major well remedial work.
Normally kept empty.
<ol> <li>If any oil or hydrocarbons should reach this facility give method and time required for removal: Method: Vacuum truck</li> </ol>
Time: Within 24 hrs. of discovery
<ol> <li>If any oil or hydrocarbons reach the above-described facility the operator is required to notify the appropriate District Office of the OCD with 24 hours.</li> </ol>
Operator proposes the following alternate protective measures:
· · · · · · · · · · · · · · · · · · ·
CERTIFICATION BY OPERATOR: I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
Signature S. A. Haktanin Title Division Manager Date July 25, 1990
Printed Name_S.A. HaktanirTelephone No393-9174
FOR OIL CONSERVATION DIVISION USE
Date Facility Inspected 8 2 9 0 Approved by
Inspected by Edic when Title
DateAUC 1990



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

ANALYTICAL RESULTS FOR SAFETY & ENVIRONMENTAL SOLUTIONS, INC. ATTN: BOB ALLEN 703 E. CLINTON, SUITE 103 HOBBS, NM 88240 FAX TO: (505) 393-4388

Receiving Date: 06/16/99 Reporting Date: 06/17/99 Project Owner: RICE Project Name: F-29 Project Location: NOT GIVEN Sampling Date: 06/16/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: GP Analyzed By: BC

LAB NUMBI	ER SAMPLE ID	GRO (C6-C10) (mg/Kg)	DRO (>C10-C28) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS	DATE:	06/16/99	06/16/99	06/16/99	06/16/99	06/16/99	06/16/99
H4183-1	BOTTOM COMP.	<50	<50	<0.002	<0.002	< 0.002	<0.006
H4183-2	SIDE COMP.	<50	<50	<0.002	<0.002	<0.002	<0.006
Quality Cont	trol	1557	1315	0.086	0.096	0.099	0.293
True Value (	QC	1600	1600	0.100	0.100	0.100	0.300
% Accuracy	,	97.3	82.2	86.1	96.2	99.0	97.8
Relative Per	rcent Difference	2.5	5.3	1.6	5.5	4.6	4.1

METHODS: TPH(GRO & DRO) - EPA SW-846 8015 M; BTEX/MTBE-EPA SW-846 8260

Date

### H4183BT.XLS

PLEASE NOTE: Liability 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 negligence 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 profix for consequential damages, including, without limitation, business interruptions, loss of profix for consequential damages, including, without limited in the successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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ANALYTICAL RESULTS FOR SAFETY & ENVIRONMENTAL SOLUTIONS, INC. ATTN: BOB ALLEN 703 E. CLINTON, SUITE 103 HOBBS, NM 88240 FAX TO: (505) 393-4388

Receiving Date: 06/16/99 Reporting Date: 06/16/99 Project Owner: RICE Project Name: F-29 Project Location: NOT GIVEN Analysis Date: 06/16/99 Sampling Date: 06/16/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: GP Analyzed By: AH

# LAB NUMBER

R SAMPLE ID

Cl⁻ (mg/L)

H4183-1	BOTTOM COMPOSITE	653
H4183-2	SIDE COMPOSITE	303
Quality Contro	)	1325
True Value QC		1319
% Accuracy		100.5
Relative Perce	ent Difference	1.5
ETHOD: Stand	lard Methods	4500-CIB

Note: Analysis performed on 1:4 w:v aqueous extracts.

floop

# H4183CL.XLS

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e	•	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
2111 Beechwood, Abilene, TX 79603 1011 (915) 873-7001 Fax (915) 673-7020 (505	101 East Mariand, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476	10 H 4/63 Page 1 of
Company Name: SE 5 I		
Project Manager: TS A// A	BILLTO PO#:	
Address: 70.5 6 C 1. 4 m H 103	Company:	
City: Cozy 25 State: MWZIP: 8824()	Attn: Jq Mo	A like
Phone #: 505、397.0510	Address:	
Fax #: 505 - 39.3 · 4 388	Clty:	
Project #: Project Owner: $X_{JCE} \cup P_{e}$	State: ZIp:	
Project Name: F.2.9	ne #:	
Project Location:	Fax#:	
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H4183-2-52, 20, 20, Composite C/1 / N	X 6/69 30	
PLEASE NOTE: LIBURY and Damages. Cardinate Lebity and clear's exclusive remedy for any callin ariany whether besed in contract or lot, shall be finited to the amount gaid by the clear for the statyset. At chims including those for regiones and any other outset whether deemed withing and restricted by Cardinal within 30 days a flar competion of the applicable	ased in contract or tort, shall be imited to the amount paid to be in writing and received by Candinal within 30 days after o	
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Delivered by: (Circle One) Sample Condition Cool Intact Sampler UPS - Bus - Other:	dition CHECKED BY: t: (Initials) Yes	( Unia Williams Och 6-16.79
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† Cardinal cannot accept verbal changes. Please fax written changes to 915-873-7020.



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

ANALYTICAL RESULTS FOR SAFETY & ENVIRONMENTAL SOLUTIONS, INC. ATTN: BOB ALLEN 703 E. CLINTON, SUITE 103 HOBBS, NM 88240 FAX TO: (505) 393-4380

Receiving Date: 06/03/99 Reporting Date: 06/07/99 Project Number: NOT GIVEN Project Name: RO F-29 Project Location: NOT GIVEN Sampling Date: 06/03/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: JP Analyzed By: BC

LAB NUMB	ER SAMPLE ID	GRO (C6-C10) (mg/Kg)	DRO (>C10-C28) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	
ANALYSIS I		06/03/99	06/03/99	06/03/99	06/03/99	06/03/99	06/03/99	
H4173-1	WEST SIDE EXC.	<10	143	< 0.002	< 0.002	<0.002	< 0.006	
H4173-2	EAST SIDE EXC.	<10	12	< 0.002	<0.002	< 0.002	< 0.006	
H4173-3	BOTTOM PIT	<10	<10	< 0.002	<0.002	< 0.002	< 0.006	
H4173-4	PIT SIDE 5 PT.	<10 <10		< 0.002	<0.002	< 0.002	< 0.006	
H4173-5 N. PIT SIDE		<10	953	<0.002	<0.002	<0.002	< 0.006	
	· · · ·							
Quality Cont	trol	794	866	0.094	0.104	0.100	0.297	
True Value (	2C	800	800	0.100	0.100	0.100	0.600	
% Accuracy		99.2	108	94.4	104	100	98.9	
Relative Percent Difference		2.7	0.7	6.7	8.5	1.7	1.3	

METHODS: TPH(GRO & DRO) - EPA SW-846 8015 M; BTEX/MTBE-EPA SW-846 8260

Date

### H4173BT.XLS

PLEASE NOTE: Lability 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 (or analyses. All claims, including those for negligence 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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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ANALYTICAL RESULTS FOR SAFETY & ENVIRONMENTAL SOLUTIONS, INC. ATTN: BOB ALLEN 703 E. CLINTON, SUITE 103 HOBBS, NM 88240 FAX TO: (505) 393-4380

Receiving Date: 06/03/99 Reporting Date: 06/07/99 Project Number: NOT GIVEN Project Name: RO F-29 Project Location: NOT GIVEN Analysis Date: 06/03/99 Sampling Date: 06/03/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: JP Analyzed By: AH

### LAB NUMBER

R SAMPLE ID

Cl⁻⁻ (mg/Kg)

H4173-1	WEST SIDE EXC.	1084
H4173-2	EAST SIDE EXC.	207
H4173-3	BOTTOM PIT	64
H4173-4	PIT SIDE 5 PT.	430
H4173-5	N. PIT SIDE	239
		1015
Quality Contro	a seaso a construction of the seaso of the s	1345
True Value QC		1319
% Accuracy		102
<b>Relative Perce</b>	nt Difference	8.9

METHOD: Standard Methods4500-CIBNOTE: Analyses performed on 1:4 w:v aqueous extracts.

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# H4173CL.XLS

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ARDINAL LABORATORIES, INC. 2111 Beechwood, Abilene, TX 79803 (915) 673-7001 Fax (915) 673-7020 Name: 5 257	R.Allew	E, C19	hh5 State:W/JZlp:	505, 393-4380	Project Owner:	0 5-29				+ Sicle	-0	DITCINC PIT	2. PIT 310		anna Cardhafa I -Nilv and claot's ave	e for negligence and any other cause who be labe for inclants or consequental d constraints of consequents of consequents of	Sampler Relinguished: Date: 2-9 Received By:		Time	(Circle One) Bus - Other
ARD Company Name:	Project Manager:	sss:	City: Hdhh5	1 1	Project #:	Project Name:	Project Location:	FOR LAB USE ONLY	LAB I.D.	'	H 41/5-3-	$\frac{1}{1}$	44173-5		TEAST NOTE: Usbev and Oso	Inalyses. All claims including those should be and the second shell cardinal many shell be and the second shell cardinal many second shell be and the second se	Sampler Relinquish	BULLEN	. Ad natisinhilliar	Dellvered By: (Circle One Sampler - UPS - Bus - Other

+ Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.



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

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN; F. WESLEY ROOT 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 392-1471

Receiving Date: 01/26/99 Reporting Date: 01/27/99 Project Number: NOT GIVEN Project Name: SWD WELL F-29 Project Location: NW/4-29-T19S-R38E, LEA CO. NM Analysis Date: 01/27/99 Sampling Date: 01/26/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: AH

LAB NUMBER	SAMPLE ID	CI [—] (mg/L)	DECEIVE
H4005-1	EEB	791	JAN 2 9 1999
H4005-2	MEB	443	RICE OPERATING HOBBS, NM
Quality Control True Value QC		1315 1319	
% Recovery		100	
Relative Percent D	Difference	4.4	
ETHOD: EPA 600/	4-79-020,	325.3	

# H4005-1.XLS

PLEASE NOTE: Liability 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 negligence 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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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

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Receiving Date: 01/26/99 Reporting Date: 01/27/99 Project Number: NOT GIVEN Project Name: SWD WELL F-29 Project Location: NW/4-29-T19S-R38E, LEA CO. NM Analysis Date: 01/26/99 Sampling Date: 01/26/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: BC

LAB NUMBER SAMPLE ID

TPH (mg/Kg)

H4005-1	EEB	<10
H4005-2	MEB	23.4
	· · · · · · · · · · · · · · · · · · ·	
Quality Contro	D	2667
True Value Q	C	3000
% Recovery		88.9
Relative Perce	ent Difference	1.7

DECEIVE JAN 2 9 1999 RICE OPERATING HOBBS, NM

METHOD: EPA SW-846 8015

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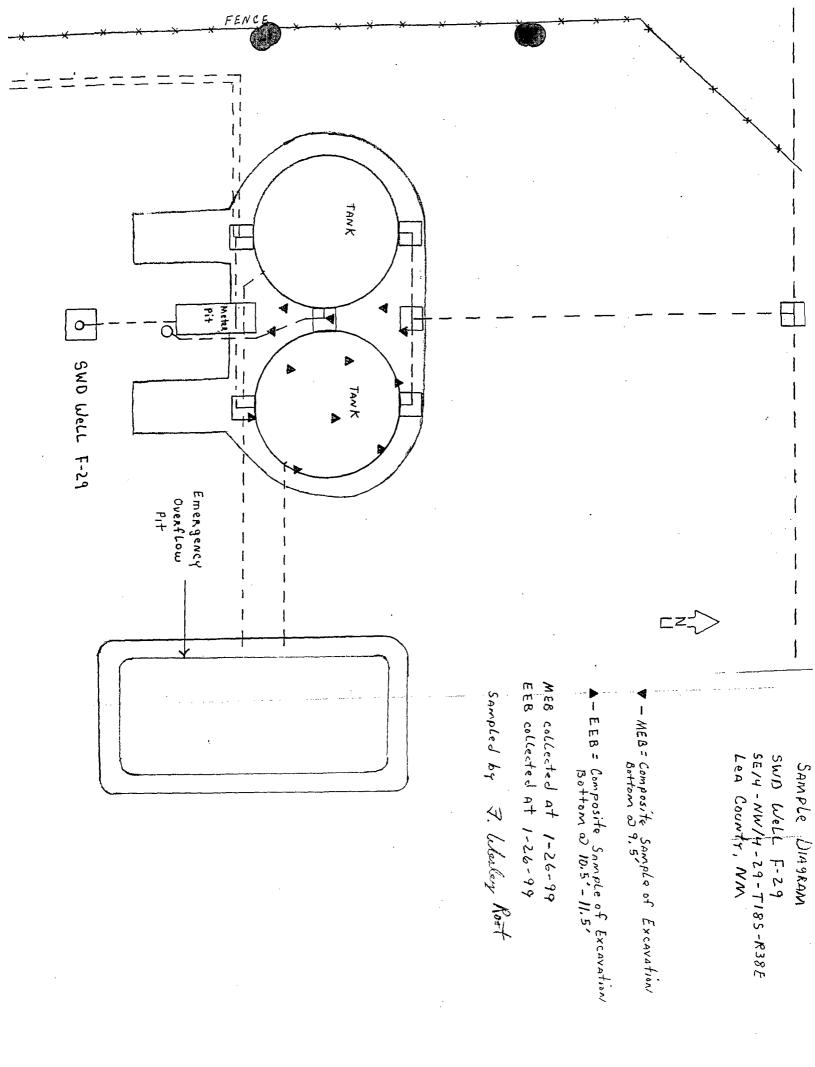
Date

H4005-2.XLS

PLEASE NOTE: Liability 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 negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thiny (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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

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ARDII	ARDINAL LABORATORIES, INC.	-		
	(915) 673-7001 Fax (915) 673-7020		(505) 393-2326 Fax (505) 393-2476	Page / of
	lice Operations	Company		ANALYSIS REQUEST
³ roject Manager: F	Wesley Root	1	BILL TO PO #:	
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ity: Habbs	2	Zip: 882.40	4.	
$\left  \begin{array}{c} \\ \\ \\ \end{array} \right $	393-9174		is: 122 W. 7	
ax#: (505)	392-1471			
roject #:	Project Owner:	mer: Rice Operating Co-		
roject Name: S L	WD Well F.	29	Phone #: (505) 3	
roje ocation: NV	-56	R38E, Les Co. NM	US	
FOR A USE ONLY		MATRIX		
LAB I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE		Chlorid
H4605-1	EEB	1	V 1-26-99 10	7
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filiates of successors arising out of or related to the per	or cont forman	damages, including without imitation, busines: rices hereunder by Candinal, regardless of who	requerial damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by crient, its subsidiaries, an of services hereunder by Cerronal, repardess of whether such claim is based upon any of the above stated reasons or otherwise.	and all costs of collections, including attorney's fees.
F. Welly Ro	a A	Date:/2.699 Time:/2.205	Received By: Fax Result  Ye REMARKS:	esult [] Yes [] No Additional Fax #: Yes [] No (S:
(elinguished By:	Date: Time:	te: Received By: (Lab Staff)	(Lab Stam)	
Delivered By: (Ci	(Circle One)	Sample Cond	tion CHECKED BY:	
3ampler - UPS - Bus	- Other:		Yes (minais)	
† Cardinal canno	ot accept verbal chang	cha	nges to 915-673-7020.	





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

ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: F. WESLEY ROOT 122 WEST TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 01/20/99 Reporting Date: 01/21/99 Project Owner: RICE OPERATING Project Name: SWD WELL F-29 Project Location: NW/4-29-T19S-R38E, LEA CO, NM Analysis Date: 01/20/99 Sampling Date: 01/18/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: AH Analyzed By: BC/AH

LAB NUMBER SAMPLE ID

TPH (mg/Kg)

H4001-1	EBE	202*
H4001-2	EBM	298**
H4001-3	EBW	24
Quality Control		2667
True Value QC		3000
% Recovery		89
Relative Percent D	Difference	1.7

$\square$	ECEIVE	N
M	JAN 27 1999	IJ
	RICE OPERATING HOBBS, NM	

METHOD: EPA SW-846 8015 * Alkane Range: C12-C30 ** Alkane Range: C11-C30

for Cophy

Date

### H4001-2.XLS

PLEASE NOTE: Liability 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 negligence 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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

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† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

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

ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: F. WESLEY ROOT 122 WEST TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 01/20/99 Reporting Date: 01/21/99 Project Owner: RICE OPERATING Project Name: SWD WELL F-29 Project Location: NW/4-29-T19S-R38E, LEA CO, NM Analysis Date: 01/20/99 Sampling Date: 01/18/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: AH Analyzed By: AH

LAB NUMBER	
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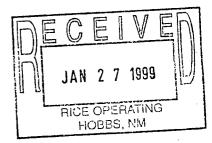
METHOD: EPA 600/4-79-020

SAMPLE ID

CI (mg/L)

325.3

H4001-1	EBE	1030
H4001-2	EBM	316
H4001-3	EBW	285
Quality Control		1315
True Value QC		1319
% Recovery		100
Relative Percen	t Difference	4.4



Chemist JA Coshe

Date

### H4001-1.XLS

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Project #:	Project Owner:	ar: Rice Operation		•	Zlp: 88240			
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	NW/4-29-TI95-R33E	BE, LEA CS. NM		Fax #: (505)	597-147	1		
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RICE Operating Company 122 West Taylor Hobbs, New Mexico 88240 Phone: 505-393-9174 Fax: 505-397-1471

# ANALYSIS REPORT

FACILITY: Emergency Pit (Permit No. H-64) DA

**DATE: January 20, 1999** 

i

SYSTEM: SWD Well F-29

LOCATION: SE/4-NW/4-29-T18S-R38E, Lea Co. NM

Sample ID	Date	Time	Headspace Reading (ppm)	Description
PBN	1-18-99	14:55	6	Composite of excavation bottom, north end of pit (3.5 feet below pit bottom)
PBS	1-18-99	15:00	3	Composite of trench bottom, south end of pit (3.5 feet below pit bottom)
РВС	1-18-99	15:05	<1	Composite of the material forming the bottom and sides of the pit

COMMENTS:

Organic vapor readings were obtained using the headspace procedure as described in Guidelines for Remediation of Leaks, Spills, and Releases, New Mexico Oil Conservation Division, August 13, 1993.

7. Weleslen Koo

Signature of Analyst



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

ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: F. WESLEY ROOT 122 WEST TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 01/20/99 Reporting Date: 01/21/99 Project Owner: RICE OPERATING Project Name: SWD WELL F-29 Project Location: NW/4-29-T19S-R38E, LEA CO, NM Analysis Date: 01/20/99 Sampling Date: 01/18/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: AH Analyzed By: AH

# LAB NUMBER

R SAMPLE ID

Cl⁻ (mg/L)

325.3

H4000-1	PBN	79
H4000-2	PBS	79
H4000-3	PBC	111
Quality Control		1315
True Value QC		1319
% Recovery		100
Relative Percent	Difference	4.4

METHOD: EPA 600/4-79-020,

1999 AN RICE OPERATING HOBBS, NM

Ruf Hoff Athe

Date

H4000-1.XLS

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

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

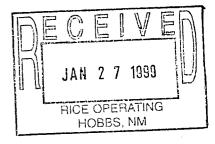
ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: F. WESLEY ROOT 122 WEST TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 01/20/99 Reporting Date: 01/21/99 Project Owner: RICE OPERATING Project Name: SWD WELL F-29 Project Location: NW/4-29-T19S-R38E, LEA CO, NM Analysis Date: 01/20/99 Sampling Date: 01/18/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: AH Analyzed By: BC/AH

LAB NUMBER SAMPLE ID

TPH (mg/Kg)

H4000-1	PBN	59.9
H4000-2	PBS	30.7
H4000-3	PBC	30.2
Quality Contr	oi	2667
True Value Q	2C	3000
% Recovery		89
Relative Perc	cent Difference	1.7



METHOD: EPA SW-846 8015

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# H4000-2.XLS

PLEASE NOTE: Liability 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 negligence 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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

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	🗶 ARDINAL LABORATORIES, INC.		8		2	5	505)-	5057-		Girlo	Project Location: Niv/	<u>ح</u>													PLEASE NOTE: Listely and Damages. Cardinals lability and clerk's exclusive ramedy for any claim at laing whether based in contract or lot, shall be imited to the amout paid by the clerk for the samples. At least include the amout paid by the clerk for the samples. At least lot the samples the clerk for the samples and the contract or het do the amout paid by the clerk for the samples. At least lot the samples the for the samples the for the samples the for the samples the samples the samples the samples the samples the clerk for the samples	amino, unito conservative contrate do matalonization o conservational admanda in matalonization amino do successora attising out of or related to the performance of services hereunder by Cardinal Sammin Dia do successoration services and services and services and services and services and services and servic		2		Delivered By: (Circle One)		
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† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

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LEASE OPERA	OR/SHIPPER/	COMPANY: Rid	1 E		
LEASE NAME:	F-29	SUD			
TRANSPORTER	COMPANY:	RE Truck	tring TI	ME:	AM/PN
DATE: 2-19	7- <i>99</i> VEH	ICLE NO.: # 32	S DRIVER	NO.:	
CHARGE TO:	Rice	·			
		TYPE OF MATE	ERIAL		
[ ] Production Wat [ ] Tank Bottoms [ ] Other Material: Description:		[ ] Drilling Fluids [ ] Contaminated soil [ ] BS&W Content:		pletion Fluid 7 No.:	s
JOB TICKET, OPERA HEREWITH IS MATH AMENDED FROM T AND REGULATIONS PRODUCED WATER	TO SUNDANCE SE TOR/SHIPPER REP CRIAL EXEMPT FRO ME TO TIME, 40 U RELATED THERE S, AND OTHER WA	RVICES, INC.'S ACCEPTAN PRESENTS AND WARRANTS OM THE RESOURCE, CONS U.S.C. § 6901, et seq., THE N TO, BY VIRTUE OF THE EX ASTE ASSOCIATED WITH T URAL GAS OR GEOTHERM	S THAT THE WASTE I ERVATION AND REC IM HEALTH AND SAF KEMPTION AFFORDED HE EXPLORATION, D	MATERIAL SH OVERY ACT CODE § 361 D DRILLING I	HPPED OF 1976, AS .001, et seq., FLUIDS,
THIS JOB TICKET, T	RANSPORTER REP TO TRANSPORTE	CE SERVICES, INC.'S ACC RESENTS AND WARRANTS R IS NOW DELIVERED BY	THAT ONLY THE M	ATERIAL DEI	IVERED BY
Statement at the al	ove described lo	ove Transporter loaded th cation, and that it was th ials were added to this l	endered by the abov	ve described	shipper. This
		Franco			
FACILITY REPRESE White-Sundance Canary-S Revised 12/27/95	C (Sign)	ATURA		P1	

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<b>~</b>	Sundance Services, P.O. Box 1737 * Eunice, NM 8 (505) 394-2511	8231	18474
LEASE OPERATOR/SHIPP	ER/COMPANY: Rice		
LEASE NAME: F-29	-SWD		
TRANSPORTER COMPANY	1: RAE Trucking	, TIME:	AM/PM
DATE: 2 - 19 - 99	VEHICLE NO .: 1002	DRIVER NO .:	
CHARGE TO: A, E			
	TYPE OF MATERIA	\L	
<ul><li>[ ] Production Water</li><li>[ ] Tank Bottoms</li><li>[ ] Other Material:</li></ul>	[ ] Drilling Fluids       [ ]         [ ] Contaminated soil       [ ]         [ ] BS&W Content:	[ ] Completion Flu [ ] C-117 No.:	^{ids} 4/
Description: Oly		A CONTRACTOR	1-11
	/	OYAID Ball	July
		(ARD <u>12</u> :	[]
AS A CONDITION TO SUNDANC JOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SUN THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above describe will certify that no additional n without incident.	CE SERVICES, INC.'S ACCEPTANCE O REPRESENTS AND WARRANTS THA T FROM THE RESOURCE, CONSERVA 40 U.S.C. § 6901, et seq., THE NM HE HERETO, BY VIRTUE OF THE EXEMP R WASTE ASSOCIATED WITH THE EX NATURAL GAS OR GEOTHERMAL EN IDANCE SERVICES, INC.'S ACCEPTAN REPRESENTS AND WARRANTS THA' DRTER IS NOW DELIVERED BY TRAN the above Transporter loaded the made of location, and that it was tender materials were added to this load,	F THE MATERIALS SHIPPE T THE WASTE MATERIAL TION AND RECOVERY AC ALTH AND SAF. CODE § 3 TION AFFORDED DRILLING (PLORATION, DEVELOPME NERGY. NCE OF THE MATERIALS S T ONLY THE MATERIAL D ISPORTER TO SUNDANCE S Interial represented by thi red by the above describe	D WITH THIS SHIPPED T OF 1976, AS 61.001, et seq., G FLUIDS, ENT OR HIPPED WITH ELIVERED BY SERVICES, INC.'S S Transporter ed shipper. This
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	P.O. Box 1737 ★ Eunice, NM 88 (505) 394-2511	<u>Nº</u>	<u>18475</u>
LEASE OPERATOR/SHIPP	ER/COMPANY: Rice		
LEASE NAME: F. 29	SUD		
TRANSPORTER COMPAN	· REETrucking	FIME:	AM/PM
	VEHICLE NO .:	DRIVER NO .:	
CHARGE TO: Rice			
	TYPE OF MATERIA	1	
[] Production Water [] Tank Bottoms [] Other Material: Description: celly	[ ] Drilling Fluids [ ] Contaminated soil [ ] BS&W Content:		<b>E</b>
		e yard Back	ul
AS A CONDITION TO SUNDANC JOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMP	E SERVICES, INC.'S ACCEPTANCE OF REPRESENTS AND WARRANTS THAT T FROM THE RESOURCE, CONSERVAT	I THE WASTE MATERIAL SI TION AND RECOVERY ACT	HIPPED OF 1976, AS
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AS A CONDITION TO SUNDANC JOB TICKET, OPERATOR/SHIPPEH HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHE PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SUN THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above describe will certify that no additional n without incident.	E SERVICES, INC.'S ACCEPTANCE OF REPRESENTS AND WARRANTS THAT T FROM THE RESOURCE, CONSERVAT 40 U.S.C. § 6901, et seq., THE NM HEA HERETO, BY VIRTUE OF THE EXEMPT R WASTE ASSOCIATED WITH THE EXI NATURAL GAS OR GEOTHERMAL EN IDANCE SERVICES, INC.'S ACCEPTAN REPRESENTS AND WARRANTS THAT ORTER IS NOW DELIVERED BY TRANS the above Transporter loaded the mate ad location, and that it was tendered that it is load, and that it was tendered that is load, and that it was tendered to this load, and that it was tendered to this load, and that it was tendered to the this load, and that it was tendered to the this load, and that it was tendered to the this load, and that it was tendered to the this load, and that it was tendered to the this load, and that the this load to the this load, and that the this load to the this load, and that the the this load to the	F THE MATERIALS SHIPPED I THE WASTE MATERIAL SI TION AND RECOVERY ACT ALTH AND SAF. CODE § 361 TION AFFORDED DRILLING PLORATION, DEVELOPMEN HERGY. ICE OF THE MATERIALS SH I ONLY THE MATERIAL DE SPORTER TO SUNDANCE SE Interial represented by this red by the above described	HIPPED OF 1976, AS 1.001, et seq., FLUIDS, T OR IPPED WITH LIVERED BY RVICES, INC.'S Transporter shipper. This
AS A CONDITION TO SUNDANC JOB TICKET, OPERATOR/SHIPPEF HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHE PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SUN THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above describe will certify that no additional n without incident. DRIVER (SIGNATURE) FACILITY REPRESENTATIVE:	E SERVICES, INC.'S ACCEPTANCE OF REPRESENTS AND WARRANTS THAT T FROM THE RESOURCE, CONSERVAT 40 U.S.C. § 6901, et seq., THE NM HEA HERETO, BY VIRTUE OF THE EXEMPT R WASTE ASSOCIATED WITH THE EXI NATURAL GAS OR GEOTHERMAL EN IDANCE SERVICES, INC.'S ACCEPTAN REPRESENTS AND WARRANTS THAT ORTER IS NOW DELIVERED BY TRANS the above Transporter loaded the mate ad location, and that it was tendered that it is load, and that it was tendered that is load, and that it was tendered to this load, and that it was tendered to this load, and that it was tendered to the this load, and that it was tendered to the this load, and that it was tendered to the this load, and that it was tendered to the this load, and that it was tendered to the this load, and that the this load to the this load, and that the this load to the this load, and that the the this load to the	F THE MATERIALS SHIPPED I THE WASTE MATERIAL SI TION AND RECOVERY ACT ALTH AND SAF. CODE § 361 TION AFFORDED DRILLING PLORATION, DEVELOPMEN HERGY. ICE OF THE MATERIALS SH I ONLY THE MATERIAL DE SPORTER TO SUNDANCE SE Interial represented by this red by the above described	HIPPED OF 1976, AS 1.001, et seq., FLUIDS, T OR IPPED WITH LIVERED BY RVICES, INC.'S Transporter shipper. This

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	P.O. Box 1737 ★ Eunice, N (505) 394-2511	<u>Nº</u>
LEASE OPERATOR/SI	HIPPER/COMPANY:	E
LEASE NAME:	-29 SWA	A
TRANSPORTER COMP	PANY: ARE RIE E.	nuiroxenterime:
DATE: 2 - 19-99	VEHICLE NO # 38	DRIVER NO.:
CHARGE TO:	ice	
	TYPE OF MATE	RIAL
[] Production Water [] Tank Bottoms [] Other Material:	[] Drilling Fluids	[ ] Completion Fluids [ ] C-117 No.:
Description:	dut	10yds Bach
VOLUME OF MATERIA	ALTIBBLS. : F	1 YARD 10 : []
AMENDED FROM TIME TO T AND REGULATIONS RELATE	KEMPT FROM THE RESOURCE, CONSE FIME, 40 U.S.C. § 6901, et seq., THE NN ED THERETO, BY VIRTUE OF THE EXI	A HEALTH AND SAF. CODE § 361.00 EMPTION AFFORDED DRILLING FLU
AMENDED FROM TIME TO T AND REGULATIONS RELATE PRODUCED WATERS, AND O PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPO	TIME, 40 U.S.C. § 6901, et seq., THE NN	A HEALTH AND SAF. CODE § 361.00 EMPTION AFFORDED DRILLING FLU E EXPLORATION, DEVELOPMENT ( L ENERGY. PTANCE OF THE MATERIALS SHIPP THAT ONLY THE MATERIAL DELIV
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	-29-300			
	ANY: RE Trucking			AM/PN
DATE: 2-19-99	VEHICLE NO.: # \$600	DRIVER NO.:	<u></u>	<u> </u>
CHARGE TO: //	ice			
	TYPE OF MATERIAL	L		
[] Production Water [] Tank Bottoms [] Other Material: Description:	[ ] Drilling Fluids Contaminated soil [ ] BS&W Content:	[] Completio [] C-117 No. 10yds B	:	10
AS A CONDITION TO SUNE JOB TICKET, OPERATOR/SHI HEREWITH IS MATERIAL EX AMENDED FROM TIME TO T AND REGULATIONS RELATE PRODUCED WATERS, AND O PRODUCTION OF CRUDE OIL	DANCE SERVICES, INC.'S ACCEPTANCE OF PPER REPRESENTS AND WARRANTS THAT EMPT FROM THE RESOURCE, CONSERVAT IME, 40 U.S.C. § 6901, et seq., THE NM HEA D THERETO, BY VIRTUE OF THE EXEMPTI THER WASTE ASSOCIATED WITH THE EXF . OR NATURAL GAS OR GEOTHERMAL ENF	THE WASTE MATE TON AND RECOVER ALTH AND SAF. COD ON AFFORDED DRII PLORATION, DEVELO ERGY.	RIAL SHIPPED Y ACT OF 197 DE § 361.001, e LLING FLUIDS OPMENT OR	) 76, AS 21 seq., S,
JOB TICKET, OPERATOR/SHI HEREWITH IS MATERIAL EX AMENDED FROM TIME TO T AND REGULATIONS RELATE PRODUCED WATERS, AND O PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPOR	DANCE SERVICES, INC.'S ACCEPTANCE OF PPER REPRESENTS AND WARRANTS THAT EMPT FROM THE RESOURCE, CONSERVAT 'IME, 40 U.S.C. § 6901, et seq., THE NM HEA D THERETO, BY VIRTUE OF THE EXEMPTI 'THER WASTE ASSOCIATED WITH THE EXF	THE MATERIALS SH THE WASTE MATE TON AND RECOVER LITH AND SAF. COD ION AFFORDED DRII PLORATION, DEVELO ERGY. CE OF THE MATERIA ONLY THE MATERIA	RIAL SHIPPED Y ACT OF 197 DE § 361.001, e LLING FLUIDS OPMENT OR ALS SHIPPED IAL DELIVERE	) /6, AS /1 seq., S, WITH ED BY

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	© Sundance Services, Inc. P.O. Box 1737 ★ Eunice, NM 88231 (505) 394-2511 Nº 18481
	LEASE OPERATOR/SHIPPER/COMPANY: Rice
	LEASE NAME: F-29 SWA
	TRANSPORTER COMPANY: R+E Trucking TIME: AM/PM
	DATE: 2-19-99 VEHICLE NO .: # 1002 DRIVER NO .:
	CHARGE TO: Rice
	TYPE OF MATERIAL
	[] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       I Contaminated soil       [] C-117 No.:         [] Other Material:       [] BS&W Content:       []         Description:       Outgoing       Outgoing
	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: HORICIN D, Harris
	FACILITY REPRESENTATIVE: (SIGNATURE)
	White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter Revised 12/27/95
-	

LEASE OPERATOR/SHIP	PER/COMPANY: Rice		
LEASE NAME:	F-29 SWD		
TRANSPORTER COMPAN	Y: RAE Trucking	TIME:	AM/PM
DATE: 2-19-99	VEHICLE NO .: 106	DRIVER NO .:	
CHARGE TO: R زر			<u></u>
	TYPE OF MATERI	AL	, <u>, , , , , , , , , , , , , , , , , , </u>
נין Production Water [] Tank Bottoms [] Other Material: Description: <u>סי'לק מ</u> יר	[ ] Drilling Fluids [4] Contaminated soil [ ] BS&W Content:	[ ] Completion Fluid [ ] C-117 No.:	<u> </u>
		20 yds Boc	k fil
AS A CONDITION TO SUNDANG	] BBLS: [1] CE SERVICES, INC.'S ACCEPTANCE R REPRESENTS AND WARRANTS TH PT FROM THE RESOURCE, CONSERV	AT THE WASTE MATERIAL S	HIPPED
AS A CONDITION TO SUNDANG JOB TICKET, OPERATOR/SHIPPE HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME AND REGULATIONS RELATED TO PRODUCED WATERS, AND OTHE PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SUM THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSP FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th	CE SERVICES, INC.'S ACCEPTANCE R REPRESENTS AND WARRANTS TH PT FROM THE RESOURCE, CONSERV , 40 U.S.C. § 6901, et seq., THE NM F HERETO, BY VIRTUE OF THE EXEM R WASTE ASSOCIATED WITH THE F NATURAL GAS OR GEOTHERMAL F NDANCE SERVICES, INC.'S ACCEPT R REPRESENTS AND WARRANTS TH ORTER IS NOW DELIVERED BY TRA e above Transporter loaded the m	OF THE MATERIALS SHIPPED THE WASTE MATERIAL S VATION AND RECOVERY ACT REALTH AND SAF. CODE § 36 PTION AFFORDED DRILLING EXPLORATION, DEVELOPMEN ENERGY. ANCE OF THE MATERIALS SH AT ONLY THE MATERIAL DE INSPORTER TO SUNDANCE SE Material represented by this	HIPPED OF 1976, AS 1.001, et seq., FLUIDS, IT OR HIPPED WITH LIVERED BY ERVICES, INC.'S Transporter
AS A CONDITION TO SUNDANG JOB TICKET, OPERATOR/SHIPPEJ HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME AND REGULATIONS RELATED TO PRODUCED WATERS, AND OTHE PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SUN THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSP FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above describ	CE SERVICES, INC.'S ACCEPTANCE R REPRESENTS AND WARRANTS TH PT FROM THE RESOURCE, CONSERV , 40 U.S.C. § 6901, et seq., THE NM F HERETO, BY VIRTUE OF THE EXEM R WASTE ASSOCIATED WITH THE I NATURAL GAS OR GEOTHERMAL I NDANCE SERVICES, INC.'S ACCEPT R REPRESENTS AND WARRANTS TH ORTER IS NOW DELIVERED BY TRA	OF THE MATERIALS SHIPPED AT THE WASTE MATERIAL S ATION AND RECOVERY ACT HEALTH AND SAF. CODE § 36 PTION AFFORDED DRILLING EXPLORATION, DEVELOPMEN ENERGY. ANCE OF THE MATERIALS SH AT ONLY THE MATERIAL DE INSPORTER TO SUNDANCE SE material represented by this pered by the above described	HIPPED OF 1976, AS 1.001, et seq., FLUIDS, IT OR HIPPED WITH LIVERED BY ERVICES, INC.'S Transporter I shipper. This

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LEASE OPERATOR/SHIPPER/COMPANY:       RiCE         LEASE NAME:       F 29 - SWD         TRANSPORTER COMPANY:       R E Trucking       TIME:       AM/PM         DATE:       2 - 15 - 59       VEHICLE NO.:       # 35       DRIVER NO.:         CHARGE TO:       Ricc         TYPE OF MATERIAL         [] Production Water       [] Driving Fluids       [] Completion Fluids         [] Tank Bottoms       Honteminated soli       [] Completion Fluids         [] Other Material:       [] DisdW Content:       [] Orydo Bachfed         Description:       Orydo Bachfed       [] Orydo Bachfed         AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS       JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARANTS THAT THE WASTE MATERIAL SHIPPED         HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS       AMENDED FROM THE TO TIME, 40 U.S. (\$ 6001, est, q., THE NM HEALTH AND SAF. CODE § 3010, et seq.         AND REGULATIONS RELATED THERETO, BY URTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE MATERIAL DELIVERED BY OPERATOR/SHIPPER OT THE SOURCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TANSPORTER REPRESENTS AND WARANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER NOT ANSPORTER REPRESENTS AN
TRANSPORTER COMPANY:       R = E Trucking       TIME:       AM/PM         DATE:       D = /9 - 99       VEHICLE NO.:       # 38       DRIVER NO.:         CHARGE TO:       R : c c       TYPE OF MATERIAL       Image: Completion Fluids       Image: Completion Fluids<
DATE: D-19-99 VEHICLE NO.: # 38 DRIVER NO.: CHARGE TO: Ricc TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Completion Fluids [] Completion Fluids [] Tank Bottoms [] Contaminated soil [] C-117 No.: Description: Description: Description: Description: Description: Description: COULDE OF MATERIAL [] BBLS. [] Tank Bottoms [] YARD [] YARD [] Tank Bottoms [] Contaminated soil [] C-117 No.: [] Completion Fluids [] Completion Flot
DATE: D-19-99 VEHICLE NO.: # 38 DRIVER NO.: CHARGE TO: Ricc TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Completion Fluids [] Completion Fluids [] Tank Bottoms [] Contaminated soil [] C-117 No.: Description: D
TYPE OF MATERIAL         [] Production Water         [] Tank Bottoms       [] Contaminated soil       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] Control         [] Other Material:       [] Conternation and soil       [] Control         [] Other Material:       [] Control       [] Control         Description:
TYPE OF MATERIAL         [] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] C-117 No.:         [] Other Material:       [] Other Material:       [] C-117 No.:         Description:
Production Water     I Tank Bottoms     Contaminated soll     I c-117 No.:     I c-117
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS IOB 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 DPERATOR/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: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER: DRIVER:
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

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TRANSPORTER COMPAN	19-JWD P.C. T. July	TIME:	AM/PN
······································	VEHICLE NO .: # 1002	<u></u>	
CHARGE TO: $R_iC_i$			
	TYPE OF MATERIAI		
[] Production Water [] Tank Bottoms [] Other Material: Description:	[] Drilling Fluids L}Contaminated soil [] BS&W Content:	[] Completion Fluid [] C-117 No.:	
VOLUME OF MATERIAL [	] BBLS: [] Y/		[]
JOB TICKET, OPERATOR/SHIPPE HEREWITH IS MATERIAL EXEMI AMENDED FROM TIME TO TIME AND REGULATIONS RELATED T PRODUCED WATERS, AND OTH	CE SERVICES, INC.'S ACCEPTANCE OF R REPRESENTS AND WARRANTS THAT PT FROM THE RESOURCE, CONSERVAT E, 40 U.S.C. § 6901, et seq., THE NM HEA 'HERETO, BY VIRTUE OF THE EXEMPTI ER WASTE ASSOCIATED WITH THE EXH R NATURAL GAS OR GEOTHERMAL ENH	THE WASTE MATERIAL S TION AND RECOVERY ACT ALTH AND SAF. CODE § 36 ION AFFORDED DRILLING PLORATION, DEVELOPMEN	HIPPED OF 1976, AS 1.001, et seq., FLUIDS,
	NDANCE SERVICES, INC.'S ACCEPTAN R REPRESENTS AND WARRANTS THAT PORTER IS NOW DELIVERED BY TRANS	ONLY THE MATERIAL DE	LIVERED BY
,			
OPERATOR/SHIPPER TO TRANSF FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th Statement at the above describ	he above Transporter loaded the mat bed location, and that it was tendered materials were added to this load, a	d by the above described	shipper. This
OPERATOR/SHIPPER TO TRANSF FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th Statement at the above describ will certify that no additional.	ped location, and that it was tendered	d by the above described	shipper. This

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	Sundance Services, P.O. Box 1737 * Eunice, NM 88 (505) 394-2511	4.95	18489
LEASE OPERATOR/SH	IPPER/COMPANY: Rice		
LEASE NAME:	-29 SWN		
TRANSPORTER COMP		TIME:	AM/PN
DATE: 2-19-99	VEHICLE NO .: 106	DRIVER NO .:	
CHARGE TO: Rice			
	TYPE OF MATERIAL		<u> </u>
[] Production Water [] Tank Bottoms [] Other Material: Description:	[] Drilling Fluids [] Contaminated soil [] BS&W Content:	[] Completion Flu [] C-117 No.:	
JOB TICKET, OPERATOR/SHIP	ANCE SERVICES, INC.'S ACCEPTANCE OF PPER REPRESENTS AND WARRANTS THAT		
AMENDED FROM TIME TO TH AND REGULATIONS RELATED PRODUCED WATERS, AND O' PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPOR	IMPT FROM THE RESOURCE, CONSERVAT IME, 40 U.S.C. § 6901, et seq., THE NM HEA D THERETO, BY VIRTUE OF THE EXEMPTI THER WASTE ASSOCIATED WITH THE EXF OR NATURAL GAS OR GEOTHERMAL ENH SUNDANCE SERVICES, INC.'S ACCEPTANG TER REPRESENTS AND WARRANTS THAT NSPORTER IS NOW DELIVERED BY TRANS	TON AND RECOVERY AC LTH AND SAF. CODE § ON AFFORDED DRILLIN PLORATION, DEVELOPM ERGY. CE OF THE MATERIALS ONLY THE MATERIAL I	CT OF 1976, AS 361.001, et seq., G FLUIDS, ENT OR SHIPPED WITH DELIVERED BY
AMENDED FROM TIME TO TH AND REGULATIONS RELATED PRODUCED WATERS, AND O' PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPOR OPERATOR/SHIPPER TO TRAN FACILITY FOR DISPOSAL. THIS WILL CERTIFY that Statement at the above desc	IME, 40 U.S.C. § 6901, et seq., THE NM HEA D THERETO, BY VIRTUE OF THE EXEMPTI THER WASTE ASSOCIATED WITH THE EXF OR NATURAL GAS OR GEOTHERMAL ENI SUNDANCE SERVICES, INC.'S ACCEPTANC TER REPRESENTS AND WARRANTS THAT	TON AND RECOVERY AC ALTH AND SAF. CODE § ION AFFORDED DRILLIN PLORATION, DEVELOPM ERGY. CE OF THE MATERIALS ONLY THE MATERIAL I PORTER TO SUNDANCE erial represented by th d by the above describ	CT OF 1976, AS 361.001, et seq., G FLUIDS, ENT OR SHIPPED WITH DELIVERED BY SERVICES, INC.'S is Transporter ed shipper. This

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	Sundance Services, P.O. Box 1737 * Eunice, NM 84 (505) 394-2511		18490
LEASE OPERATOR/SHIP	PER/COMPANY: Rice	٩	
LEASE NAME:	-29 SWD		
TRANSPORTER COMPAN	Y: R+E Trucking	TIME:	AM/PM
•	~	DRIVER NO .:	
CHARGE TO: RICE			
	TYPE OF MATERIA	L	<u></u>
[ ] Production Water [ ] Tank Bottoms [ ] Other Material:	[] Drilling Fluids [] Contaminated soil [] BS&W Content:	[ ] Completion Fluid [ ] C-117 No.:	¹ 9 <b>0</b>
Description: <u>es'Ly Di'n</u>	<u>.+</u>	10 yards Backt	CILL.
JOB TICKET, OPERATOR/SHIPPE HEREWITH IS MATERIAL EXEMI AMENDED FROM TIME TO TIME	CE SERVICES, INC.'S ACCEPTANCE OF R REPRESENTS AND WARRANTS THA' PT FROM THE RESOURCE, CONSERVA' 5, 40 U.S.C. § 6901, et seq., THE NM HE HERETO, BY VIRTUE OF THE EXEMPT	Γ THE WASTE MATERIAL S TION AND RECOVERY ACT ALTH AND SAF. CODE § 36 ΊΟΝ AFFORDED DRILLING	HIPPED OF 1976, AS 1.001, et seq.,
PRODUCED WATERS, AND OTHE	ER WASTE ASSOCIATED WITH THE EX NATURAL GAS OR GEOTHERMAL EN	•	IT OR
PRODUCED WATERS, AND OTHE PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SU THIS JOB TICKET, TRANSPORTED		ERGY. CE OF THE MATERIALS SH ONLY THE MATERIAL DE	IIPPED WITH LIVERED BY
PRODUCED WATERS, AND OTHE PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SU THIS JOB TICKET, TRANSPORTED OPERATOR/SHIPPER TO TRANSP FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th Statement at the above describ will certify that no additional to without incident.	R NATURAL GAS OR GEOTHERMAL EN NDANCE SERVICES, INC.'S ACCEPTAN R REPRESENTS AND WARRANTS THAT PORTER IS NOW DELIVERED BY TRANS the above Transporter loaded the ma bed location, and that it was tendered materials were added to this load, o	ERGY. CE OF THE MATERIALS SH ONLY THE MATERIAL DE SPORTER TO SUNDANCE SH terial represented by this ed by the above described	IIPPED WITH LIVERED BY ERVICES, INC.'S Transporter Shipper. This
PRODUCED WATERS, AND OTHE PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SU THIS JOB TICKET, TRANSPORTED OPERATOR/SHIPPER TO TRANSP FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th Statement at the above describ will certify that no additional to without incident.	R NATURAL GAS OR GEOTHERMAL EN NDANCE SERVICES, INC.'S ACCEPTAN R REPRESENTS AND WARRANTS THAT PORTER IS NOW DELIVERED BY TRANS The above Transporter loaded the ma ped location, and that it was tendered	ERGY. CE OF THE MATERIALS SH ONLY THE MATERIAL DE SPORTER TO SUNDANCE SH terial represented by this ed by the above described	IIPPED WITH LIVERED BY ERVICES, INC.'S Transporter & shipper. This

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	Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511	₩ Nº	18492
LEASE OPERATOR/SHI	PPER/COMPANY: A CE		
LEASE NAME: F-Z	9 SWD		
TRANSPORTER COMPA	NY: RAE TYUCKING	TIME:	AM/PM
DATE: 2 - 19 - 99	VEHICLE NO.: 38 DRIV	ER NO.:	
CHARGE TO: R, こさ	,		
	TYPE OF MATERIAL		
[] Production Water [] Tank Bottoms [] Other Material:	[] Drilling Fluids     []       []/Contaminated soil     []       [] BS&W Content:     []	Completion Fluid C-117 No.:	B/3
Description:		YAI Ba	-k. [.]]-
VOLUME OF MATERIAL			[]
JOB TICKET, OPERATOR/SHIP HEREWITH IS MATERIAL EXEM AMENDED FROM TIME TO TIM AND REGULATIONS RELATED PRODUCED WATERS, AND OT PRODUCTION OF CRUDE OIL ( ALSO AS A CONDITION TO S THIS JOB TICKET, TRANSPORT	NCE SERVICES, INC.'S ACCEPTANCE OF THE MA PER REPRESENTS AND WARRANTS THAT THE WA MPT FROM THE RESOURCE, CONSERVATION AND ME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND THERETO, BY VIRTUE OF THE EXEMPTION AFFO HER WASTE ASSOCIATED WITH THE EXPLORATION OR NATURAL GAS OR GEOTHERMAL ENERGY. SUNDANCE SERVICES, INC.'S ACCEPTANCE OF TH TER REPRESENTS AND WARRANTS THAT ONLY TH SPORTER IS NOW DELIVERED BY TRANSPORTER	STE MATERIAL SH RECOVERY ACT ( SAF. CODE § 361 DRDED DRILLING H DN, DEVELOPMEN E MATERIALS SHI HE MATERIAL DEL	IIPPED OF 1976, AS .001, et seq., FLUIDS, T OR PPED WITH .IVERED BY
Statement at the above descr	the above Transporter loaded the material rep ribed location, and that it was tendered by the I materials were added to this load, and that t	above described	shipper. This
with certify that no additional without incident.	n Tranco		
without incident. DRIVER: Sallec	SIGNATURE)		

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P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 Nº 18493
EASE OPERATOR/SHIPPER/COMPANY: RICE
EASE NAME: F-29 5WD
RANSPORTER COMPANY: A & Trucking TIME: AM/PM
ATE: 2-19-99 VEHICLE NO .: 1002 DRIVER NO .:
HARGE TO: R, CE
TYPE OF MATERIAL
] Production Water       [ ] Drilling Fluids       [ ] Completion Fluids,         ] Tank Bottoms       [ ] Contaminated soll       [ ] C-117 No.:
] Other Material: [] BS&W Content:
Description: 0ily D'sit 10 your Back fill
DLUME OF MATERIAL [] BBLS: [] YARD 2 []
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS B TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED
REWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS 4ENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq.,
ID REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, ODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR ODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.
ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH
IS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY
ERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S CILITY FOR DISPOSAL.
THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter
tement at the above described location, and that it was tendered by the above described shipper. This Il certify that no additional materials were added to this load, and that the material was delivered
hout incident.
IVER: Hurlan D. Farris
(SIGNATURE)
CILITY REPRESENTATIVE: (SIGNATURE)
te-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter

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	Sundance Services, II P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511		18494
LEASE OPERATOR/SHIPP	ER/COMPANY: A,'CE	. ru	
LEASE NAME: F-29	sul		
TRANSPORTER COMPANY	: Ade Trucking	TIME:	AM/PM
DATE: 2 . 19 - 99 N	VEHICLE NO .: 1000	DRIVER NO.:	
CHARGE TO: $A_i \in E$			
	TYPE OF MATERIAL		
[] Production Water [] Tank Bottoms [] Other Material: Description: <u>aily Dir</u>	[ ] Drilling Fluids [ ] Contaminated soil [ ] BS&W Content: /	[] Completion Fluids [] C-117 No.:	<u>.</u>
JOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SUN THIS JOB TICKET, TRANSPORTER	E SERVICES, INC.'S ACCEPTANCE OF TH REPRESENTS AND WARRANTS THAT TH T FROM THE RESOURCE, CONSERVATION 40 U.S.C. § 6901, et seq., THE NM HEALT IERETO, BY VIRTUE OF THE EXEMPTION R WASTE ASSOCIATED WITH THE EXPLO NATURAL GAS OR GEOTHERMAL ENERG DANCE SERVICES, INC.'S ACCEPTANCE REPRESENTS AND WARRANTS THAT ON	IE MATERIALS SHIPPED HE WASTE MATERIAL SH N AND RECOVERY ACT ( TH AND SAF. CODE § 361. AFFORDED DRILLING F DRATION, DEVELOPMENT GY. OF THE MATERIALS SHI JLY THE MATERIAL DEL	IIPPED DF 1976, AS .001, et seq., FLUIDS, F OR PPED WITH IVERED BY
FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above describe	PRTER IS NOW DELIVERED BY TRANSPO e above Transporter loaded the materi ed location, and that it was tendered b materials were added to this load, and	al represented by this 2 by the above described	Transporter shipper. This
DRIVER: USGNATURE) (SIGNATURE) FACILITY REPRESENTATIVE: (	Donald R Dock SIGNATURE)	1` ez	

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LEASE NAME: F-	R/COMPANY: Rice	·		
TRANSPORTER COMPANY:		T	ME:	AM/PN
	THE TRACTING	DRIVER		
CHARGE TO: $\mathcal{R}'_{\mathcal{L}}$	EHICLE NO.: 10 6	Driven		
<u>, , , , , , , , , , , , , , , , , , , </u>	TYPE OF MATERIA	<u></u>		
[ ] Production Water [ ] Tank Bottoms [ ] Other Material:	[ ] Drilling Fluids [ ] Contaminated soil [ ] BS&W Content:	[ ] Coi [ ] C-1	mpletion Fluid 17 No.:	s_16
Description: Oily Dirt	-	0.5		lett.
		20 you	Lo Back	fill
VOLUME OF MATERIAL [ ]	BBLS. : IM	YARD 2	2:	
	0 U.S.C. § 6901, et seq., THE NM H		F. CODE § 361	.001, et seq.,
AND REGULATIONS RELATED THE PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR N ALSO AS A CONDITION TO SUND THIS JOB TICKET, TRANSPORTER R OPERATOR/SHIPPER TO TRANSPOR FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above described will certify that no additional ma without incident. DRIVER: (SIGNATURE) FACILITY REPRESENTATIVE:	0 U.S.C. § 6901, et seq., THE NM H RETO, BY VIRTUE OF THE EXEMI WASTE ASSOCIATED WITH THE E ATURAL GAS OR GEOTHERMAL E ANCE SERVICES, INC.'S ACCEPTA EPRESENTS AND WARRANTS THA TER IS NOW DELIVERED BY TRAN above Transporter loaded the m location, and that it was tende	EALTH AND SA PTION AFFORDE XPLORATION, I NERGY. NCE OF THE M AT ONLY THE N NSPORTER TO S Paterial represence red by the above	F. CODE § 361 ED DRILLING F DEVELOPMENT ATERIALS SHI MATERIAL DEL SUNDANCE SES Ented by this ove described	.001, et seq., FLUIDS, T OR IPPED WITH LIVERED BY RVICES, INC.'S Transporter shipper. This

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	Sundance Services, In P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511	^{.c.} ● <u>N</u> 2	18496
LEASE OPERATOR/SHIPP	PER/COMPANY: Rice	<u></u>	· · · · · · · · · · · · · · · · · · ·
LEASE NAME:	29 SWD		, , , , , , , , , , , , , , , , ,
TRANSPORTER COMPAN	1	TIME:	AM/PM
DATE: 2-19-99		DRIVER NO.:	
CHARGE TO: Kicze			
	TYPE OF MATERIAL		
[] Production Water [] Tank Bottoms [] Other Material: Description: <u>orlypint</u>	[] Drilling Fluids [] Contaminated soil [] BS&W Content:	[] Completion Fluids [] C-117 No.:	'v7'
OB TICKET, OPERATOR/SHIPPE HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHE	<b>J BBLS</b> : <b>YARD</b> CE SERVICES, INC.'S ACCEPTANCE OF THE R REPRESENTS AND WARRANTS THAT THE TT FROM THE RESOURCE, CONSERVATION , 40 U.S.C. § 6901, et seq., THE NM HEALTH HERETO, BY VIRTUE OF THE EXEMPTION A R WASTE ASSOCIATED WITH THE EXPLOR NATURAL GAS OR GEOTHERMAL ENERGY	E MATERIALS SHIPPED Y E WASTE MATERIAL SH AND RECOVERY ACT ( I AND SAF. CODE § 361. AFFORDED DRILLING F RATION, DEVELOPMENT	IPPED DF 1976, AS 001, et seq., LUIDS,
HIS JOB TICKET, TRANSPORTER	NDANCE SERVICES, INC.'S ACCEPTANCE O REPRESENTS AND WARRANTS THAT ONL ORTER IS NOW DELIVERED BY TRANSPORT	Y THE MATERIAL DEL	IVERED BY
tatement at the above describe	e above Transporter loaded the material ed location, and that it was tendered by naterials were added to this load, and th	the above described	shipper. This
RIVER: Balloe	ma Kung		
(SIGNATURE)	Kandy L Robertas	Ъ	

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	Sundance Services, P.O. Box 1737 ★ Eunice, NM 882 (505) 394-2511	
LEASE OPERATOR/SHI	PPER/COMPANY: Rice	
LEASE NAME:	=-29-5WD	
TRANSPORTER COMP	NY: R-ETrucking	TIME: AM/PM
	VEHICLE NO .: 1000	DRIVER NO.:
CHARGE TO: Ric	<u>́е</u>	
	TYPE OF MATERIAL	
[] Production Water [] Tank Bottoms [] Other Material:	[ ] Drilling Fluids [ ] Contaminated soil [ ] BS&W Content:	[] Completion Fluids [] C-117 No.:8
Description: <u>2/1 y D</u>	int.	10 yds Bachfist
JOB TICKET, OPERATOR/SHIP	ANCE SERVICES, INC.'S ACCEPTANCE OF PER REPRESENTS AND WARRANTS THAT MPT FROM THE RESOURCE, CONSERVATI	THE WASTE MATERIAL SHIPPED
JOB TICKET, OPERATOR/SHIP HEREWITH IS MATERIAL EXE AMENDED FROM TIME TO TH AND REGULATIONS RELATED PRODUCED WATERS, AND OT PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO S THIS JOB TICKET, TRANSPORT OPERATOR/SHIPPER TO TRAN FACILITY FOR DISPOSAL. THIS WILL CERTIFY that Statement at the above descu will certify that no additional without incident.		THE WASTE MATERIAL SHIPPED ION AND RECOVERY ACT OF 1976, AS LTH AND SAF. CODE § 361.001, et seq., ON AFFORDED DRILLING FLUIDS, LORATION, DEVELOPMENT OR RGY. EE OF THE MATERIALS SHIPPED WITH ONLY THE MATERIAL DELIVERED BY PORTER TO SUNDANCE SERVICES, INC.'S Perial represented by this Transporter d by the above described shipper. This
JOB TICKET, OPERATOR/SHIP HEREWITH IS MATERIAL EXE AMENDED FROM TIME TO TH AND REGULATIONS RELATED PRODUCED WATERS, AND OT PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO S THIS JOB TICKET, TRANSPOR OPERATOR/SHIPPER TO TRAN FACILITY FOR DISPOSAL. THIS WILL CERTIFY that Statement at the above descu will certify that no additional	PER REPRESENTS AND WARRANTS THAT SMPT FROM THE RESOURCE, CONSERVATI ME, 40 U.S.C. § 6901, et seq., THE NM HEA D THERETO, BY VIRTUE OF THE EXEMPTION THER WASTE ASSOCIATED WITH THE EXP OR NATURAL GAS OR GEOTHERMAL ENE SUNDANCE SERVICES, INC.'S ACCEPTANCE TER REPRESENTS AND WARRANTS THAT ISPORTER IS NOW DELIVERED BY TRANSING The above Transporter loaded the mather ribed location, and that it was tendered	THE WASTE MATERIAL SHIPPED ION AND RECOVERY ACT OF 1976, AS LTH AND SAF. CODE § 361.001, et seq., ON AFFORDED DRILLING FLUIDS, LORATION, DEVELOPMENT OR RGY. EE OF THE MATERIALS SHIPPED WITH ONLY THE MATERIAL DELIVERED BY PORTER TO SUNDANCE SERVICES, INC.'S Perial represented by this Transporter d by the above described shipper. This

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	Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 Nº 18499
۰ ۰ ۰	LEASE OPERATOR/SHIPPER/COMPANY: Rice
	LEASE NAME: F-29 SWD
	TRANSPORTER COMPANY: R-E Trucking TIME: AM/PM
	DATE: 2-19-99 VEHICLE NO.: 38 DRIVER NO.:
	CHARGE TO: RICHE
	TYPE OF MATERIAL
	[] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soll       [] C-117 No.:         [] Other Material:       [] BS&W Content:
	Description: Oily Oint 10 yde Bachful
	VOLUME OF MATERIAL [] BBLS: [4 YARD _/D: []
	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: Aandy 2 Robertson
	White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter Revised 12/27/95

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0	Sundance Services P.O. Box 1737 ★ Eunice, NM (505) 394-2511		18500
LEASE OPERATOR/SHIPPE	R/COMPANY: Rice		
LEASE NAME: F-2	9 SWD		
TRANSPORTER COMPANY:	R-ETrucking	TIME:	AM/PM
DATE: 2-19-99 VI	EHICLE NO .: JOL	DRIVER NO.:	
CHARGE TO: Rice			
	TYPE OF MATERIA	AL.	
[] Production Water [] Tank Bottoms [] Other Material:	[] Drilling Fluids [] Contaminated soil [] BS&W Content:	[ ] Completion.Flui	ds i 20
Description: Dir.	<u>+</u>	204 do Bu	kfill
VOLUME OF MATERIAL []	BBLS: [イ	Yard <u>20</u> :	[]
JOB TICKET, OPERATOR/SHIPPER I HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, 4 AND REGULATIONS RELATED THE PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR N ALSO AS A CONDITION TO SUND THIS JOB TICKET, TRANSPORTER F	FROM THE RESOURCE, CONSERV 10 U.S.C. § 6901, et seq., THE NM H ERETO, BY VIRTUE OF THE EXEMI WASTE ASSOCIATED WITH THE E ATURAL GAS OR GEOTHERMAL E DANCE SERVICES, INC.'S ACCEPTA REPRESENTS AND WARRANTS THA	AT THE WASTE MATERIAL S ATION AND RECOVERY ACT EALTH AND SAF. CODE § 36 TION AFFORDED DRILLING XPLORATION, DEVELOPME NERGY. NCE OF THE MATERIALS SI AT ONLY THE MATERIAL DI	SHIPPED FOF 1976, AS 51.001, et seq., FEUIDS, NT OR HIPPED WITH ELIVERED BY
OPERATOR/SHIPPER TO TRANSPOR FACILITY FOR DISPOSAL.	TER IS NOW DELIVERED BY TRA	SPORTER TO SUNDANCE S	ERVICES, INC.'S
THIS WILL CERTIFY that the Statement at the above described will certify that no additional mawithout incident.		red by the above describe	d shipper. This
DRIVER: CSIGNATURE) (SIGNATURE) FACILITY REPRESENTATIVE: (SI	Randy & Roberto		
White-Sundance Canary-Sundance Acct#1 Pi Revised 12/27/95	nk-Sundance Acct#2 Gold-Transporter		

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	Sundance Services, In P.O. Box 1737 ★ Eunice, NM 88231 (505) 394-2511	· · · · · · · · · · · · · · · · · · ·	18506
LEASE OPERATOR/SHIPPE	R/COMPANY: Rice		
LEASE NAME: 29	E SUD		
TRANSPORTER COMPANY:	R.E. Trucking	TIME:	AM/PN
DATE: 2-20-99 VE	EHICLE NO .: 38	DRIVER NO.:	
CHARGE TO:			
	TYPE OF MATERIAL		
[] Production Water [] ⁵ Tank Bottoms [] Other Material:	[] Drilling Fluids [] Contaminated soll [] BS&W Content:	[] Completion Fluid [] C-117 No.: 44	s 22
Description: Dily dim	4	10 v/s bock	
			<u>- 1//</u>
VOLUME OF MATERIAL [ ]	BBLS. : LATAF		
JOB TICKET, OPERATOR/SHIPPER R HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, 4 AND REGULATIONS RELATED THE PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR N ALSO AS A CONDITION TO SUND THIS JOB TICKET, TRANSPORTER R	SERVICES, INC.'S ACCEPTANCE OF TH REPRESENTS AND WARRANTS THAT TH FROM THE RESOURCE, CONSERVATIO 0 U.S.C. § 6901, et seq., THE NM HEALT RETO, BY VIRTUE OF THE EXEMPTION WASTE ASSOCIATED WITH THE EXPLO ATURAL GAS OR GEOTHERMAL ENERG ANCE SERVICES, INC.'S ACCEPTANCE REPRESENTS AND WARRANTS THAT ON TER IS NOW DELIVERED BY TRANSPO	HE WASTE MATERIAL SI IN AND RECOVERY ACT I'H AND SAF. CODE § 361 IN AFFORDED DRILLING DRATION, DEVELOPMEN GY. OF THE MATERIALS SH NLY THE MATERIAL DE	HIPPED OF 1976, AS 1.001, et seq., FLUIDS, T OR IPPED WITH LIVERED BY
FACILITY FOR DISPOSAL.	TER IS NOW DELIVERED BI TRANSFO		RVICES, INC. 5
FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the distance of the above described will certify that no additional many without incident. DRIVER: (SIGNATURE) FACILITY REPRESENTATIVE:	above Transporter loaded the materials of the interview of the second se	by the above described	Transporter shipper. This

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	Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 Nº 18507	3
•	LEASE OPERATOR/SHIPPER/COMPANY:	
	LEASE NAME: F-29 SWD	
	TRANSPORTER COMPANY: K.E. & Trucking TIME: AM/PM	
	DATE: 2-22-59 VEHICLE NO .: DRIVER NO .:	
	CHARGE TO: Kise	
	TYPE OF MATERIAL	
	[] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] C-117 No.:         [] Other Material:       [] BS&W Content:	
	Description: Oily dit	
	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: Hornand, Farris	
	FACILITY REPRESENTATIVE:	
	White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter Revised 12/27/95	

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	Sundance Services, Ind	C. 🚳	
	P.O. Box 1737 ★ Eunice, NM 88231 (505) 394-2511	Nº	18508
LEASE OPERATOR/SHIPPE	R/COMPANY: Rice		
LEASE NAME: F-29	SWD		
	R.E. Trucking	TIME:	AM/PM
DATE: 2-22-99 VE	EHICLE NO.: 106 D	DRIVER NO.:	
CHARGE TO: Rice			
	TYPE OF MATERIAL		
[] Production Water [] Tank Bottoms [] Other Material:	[ ] Drilling Fluids [ ] Contaminated soil [ ] BS&W Content:	[] Completion Fluid [] C-117 No.:	\$2/
Description: Oily dist		20 yds 4	ack fill
VOLUME OF MATERIAL [ ] I	BBLS: JYARD	20:	[]
HEREWITH IS MATERIAL EXEMPT I AMENDED FROM TIME TO TIME, 40 AND REGULATIONS RELATED THE	REPRESENTS AND WARRANTS THAT THE FROM THE RESOURCE, CONSERVATION 0 U.S.C. § 6901, et seq., THE NM HEALTH RETO, BY VIRTUE OF THE EXEMPTION A WASTE ASSOCIATED WITH THE EXPLOR ATURAL GAS OF GEOTHERMAL ENERGY	AND RECOVERY ACT AND SAF. CODE § 361 AFFORDED DRILLING I ATION, DEVELOPMEN	OF 1976, AS .001, et seq., FLUIDS,
THIS JOB TICKET, TRANSPORTER R OPERATOR/SHIPPER TO TRANSPOR FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the a Statement at the above described will certify that no additional man without incident.	ANCE SERVICES, INC.'S ACCEPTANCE O EPRESENTS AND WARRANTS THAT ONL TER IS NOW DELIVERED BY TRANSPORT above Transporter loaded the material location, and that it was tendered by terials were added to this load, and th	Y THE MATERIAL DEL TER TO SUNDANCE SE " " " the above described	IVERED BY RVICES, INC.'S Transporter shipper. This
THIS JOB TICKET, TRANSPORTER R OPERATOR/SHIPPER TO TRANSPOR FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the a Statement at the above described will certify that no additional man without incident. DRIVER: (SIGN/TURE) FACILITY REPRESENTATIVE:	ANCE SERVICES, INC.'S ACCEPTANCE O EPRESENTS AND WARRANTS THAT ONL TER IS NOW DELIVERED BY TRANSPORT above Transporter loaded the material location, and that it was tendered by terials were added to this load, and th	Y THE MATERIAL DEL TER TO SUNDANCE SE " " " the above described	IVERED BY RVICES, INC.'S Transporter shipper. This
THIS JOB TICKET, TRANSPORTER R. OPERATOR/SHIPPER TO TRANSPOR FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the a Statement at the above described will certify that no additional man without incident. DRIVER: (SIGN/TURE) FACILITY REPRESENTATIVE: (SIGN/TURE) White-Sundance Canary-Sundance Acct#1 Pin	ANCE SERVICES, INC.'S ACCEPTANCE O EPRESENTS AND WARRANTS THAT ONL TER IS NOW DELIVERED BY TRANSPORT above Transporter loaded the material location, and that it was tendered by terials were added to this load, and th	Y THE MATERIAL DEL TER TO SUNDANCE SE " " " the above described	IVERED BY RVICES, INC.'S Transporter shipper. This
THIS JOB TICKET, TRANSPORTER R. OPERATOR/SHIPPER TO TRANSPOR' FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the a Statement at the above described will certify that no additional man without incident. DRIVER: (SIGN/TURE) FACILITY REPRESENTATIVE:	ANCE SERVICES, INC.'S ACCEPTANCE O EPRESENTS AND WARRANTS THAT ONL TER IS NOW DELIVERED BY TRANSPORT above Transporter loaded the material location, and that it was tendered by terials were added to this load, and th	Y THE MATERIAL DEL TER TO SUNDANCE SE " " " the above described	IVERED BY RVICES, INC.'S Transporter shipper. This
THIS JOB TICKET, TRANSPORTER R OPERATOR/SHIPPER TO TRANSPOR FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the a Statement at the above described will certify that no additional man without incident. DRIVER: (SIGN/TURE) FACILITY REPRESENTATIVE: (SIGN/TURE) White-Sundance Canary-Sundance Acct#1 Pin	ANCE SERVICES, INC.'S ACCEPTANCE O EPRESENTS AND WARRANTS THAT ONL TER IS NOW DELIVERED BY TRANSPORT above Transporter loaded the material location, and that it was tendered by terials were added to this load, and th	Y THE MATERIAL DEL TER TO SUNDANCE SE " " " the above described	IVERED BY RVICES, INC.'S Transporter shipper. This

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LEASE OPERATOR/SHIPPER/COMPANY:	
LEASE NAME: F-29 SUD	•
TRANSPORTER COMPANY: R.E. Trucking TIME:	AM/PM
DATE: 2-22-99 VEHICLE NO .: 1000 DRIVER NO .:	
CHARGE TO:	_
TYPE OF MATERIAL	
[] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] C-117 No.: #24         [] Other Material:       [] BS&W Content:          Description:       Ords       back f	<u> </u>
VOLUME OF MATERIAL [] BBLS: [] TARD: []	
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 THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERE OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICE FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transp Statement at the above described location, and that it was tendered by the above described shipp will certify that no additional materials were added to this load, and that the material was delive without incident.	WITH ED BY S, INC.'S porter er. This
DRIVER: Licie & Monder (SIGNATURE)	
FACILITY REPRESENTATIVE: (SIGNATURE) White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter Revised 12/27/95	]

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LEASE OPERATOR/SHIPPE	,/~~		
LEASE NAME: F- 27	^f Sud		
TRANSPORTER COMPANY:	R. E. Trucking	TIME:	AM/PM
DATE: 8-29-99 VI	1	RIVER NO.:	
CHARGE TO: Rice			
	TYPE OF MATERIAL		
[] Production Water [] Tank Bottoms [] Other Material:	[] Drilling Fluids [/] Contaminated soil [] BS&W Content:	[ ] Completion Flu [ ] C-117 No.:	uids 25
Description: $O_{1} \downarrow D_{1}$ -	2/	by the Ba	CKFILL
AS A CONDITION TO SUNDANCE JOB TICKET, OPERATOR/SHIPPER F HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, 4	SERVICES, INC.'S ACCEPTANCE OF THE REPRESENTS AND WARRANTS THAT THE FROM THE RESOURCE, CONSERVATION A 0 U.S.C. § 6901, et seq., THE NM HEALTH J	MATERIALS SHIPPE WASTE MATERIAL ND RECOVERY AC AND SAF. CODE § 3	SHIPPED CT OF 1976, AS 361.001, et seq.,
JOB TICKET, OPERATOR/SHIPPER I HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, 4 AND REGULATIONS RELATED THE PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR N ALSO AS A CONDITION TO SUND THIS JOB TICKET, TRANSPORTER F OPERATOR/SHIPPER TO TRANSPOR FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above described	SERVICES, INC.'S ACCEPTANCE OF THE REPRESENTS AND WARRANTS THAT THE FROM THE RESOURCE, CONSERVATION A	MATERIALS SHIPPE WASTE MATERIAL ND RECOVERY AC AND SAF. CODE § 1 FFORDED DRILLING TION, DEVELOPMI THE MATERIALS S THE MATERIAL D ER TO SUNDANCE represented by the the above describe	SHIPPED CT OF 1976, AS 361.001, et seq., G FLUIDS, ENT OR SHIPPED WITH DELIVERED BY SERVICES, INC.'S is Transporter ed shipper. This

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	Sundance Services, P.O. Box 1737 ★ Eunice, NM 8 (505) 394-2511	8731	8513
LEASE OPERATOR/SHIP	PPER/COMPANY: Rice		
LEASE NAME:	-29 SWD		
TRANSPORTER COMPA	NY: R-E Trucking	TIME:	AM/PM
DATE: 2-22-99	VEHICLE NO .: 1000	DRIVER NO.:	
CHARGE TO: Rice	·		
	TYPE OF MATERIA	L	
[ ] Production Water [ ] Tank Bottoms [ ] Other Material:	<ul> <li>Drifting Fluids</li> <li>Contaminated soil</li> <li>BS&amp;W Content:</li> </ul>	[] Completion Fluids [] C-117 No.:2?	
Description: 0,29 Di	' <u>m+</u>	10 yards Backf	YLL
VOLUME OF MATERIAL	[] BBLS: [1]Y	/ard: []_	
JOB TICKET, OPERATOR/SHIPP HEREWITH IS MATERIAL EXEM AMENDED FROM TIME TO TIM AND REGULATIONS RELATED PRODUCED WATERS, AND OTH PRODUCTION OF CRUDE OIL O ALSO AS A CONDITION TO SU THIS JOB TICKET, TRANSPORT	NCE SERVICES, INC.'S ACCEPTANCE OF ER REPRESENTS AND WARRANTS THA MPT FROM THE RESOURCE, CONSERVA IE, 40 U.S.C. § 6901, et seq., THE NM HE THERETO, BY VIRTUE OF THE EXEMPT HER WASTE ASSOCIATED WITH THE EX OR NATURAL GAS OR GEOTHERMAL EN UNDANCE SERVICES, INC.'S ACCEPTAN ER REPRESENTS AND WARRANTS THAT SPORTER IS NOW DELIVERED BY TRAN	T THE WASTE MATERIAL SHIPPE TION AND RECOVERY ACT OF 19 ALTH AND SAF. CODE [,] § 361.001, FION AFFORDED DRILLING FLUID PLORATION, DEVELOPMENT OR VERGY. VCE OF THE MATERIALS SHIPPED F ONLY THE MATERIAL DELIVER	D 76, AS et seq., DS, WITH ED BY
FACILITY FOR DISPOSAL. THIS WILL CERTIFY that t Statement at the above descri will certify that no additional	the above Transporter loaded the ma ibed location, and that it was tender materials were added to this load,	iterial represented by this Tran. ed by the above described ship	sporter per. This
without incident.	M. ' .		
DRIVER:	Mendez 1		<u></u>
DRIVER:	(SIGNATURE)		

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Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 Nº 18516
LEASE OPERATOR/SHIPPER/COMPANY: Rice
LEASE NAME: F-29 SWD
TRANSPORTER COMPANY: R. E. Environmental TIME: AM/PN
DATE: 2-2-4 VEHICLE NO. 83 DRIVER NO.:
CHARGE TO: Rice
TYPE OF MATERIAL
[] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soll       [] C-117 No.??25         [] Other Material:       [] BS&W Content:
<b>VOLUME OF MATERIAL [] BBLS. . . . . . . . . . </b>
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.
CRIVER: (SIGNATURE) SACILITY REPRESENTATIVE: SIGNATURE (SIGNATURE)
Vhite-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter levised 12/27/95

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LEASE OPERATOR/SHIP	(505) 394-2511 PPER/COMPANY: Rice	<u>Nº 1</u>	8517
	-29 5WD		
TRANSPORTER COMPAN		TIME:	AM/PM
DATE: 2-22-97		DRIVER NO.:	
	VEHICLE NO.: /000		<u> </u>
CHARGE TO: Rice		· +1	
	TYPE OF MATERIA	AL	
[] Production Water [] Tank Bottoms [] Other Material:	[ ] Drilling Fluids [✔ Contaminated soil [ ] BS&W Content:	[ ] Completion Fluids 77 ; [ ] C-117 No.:	30
Description: $O'L_{1}$	<u>'n</u>	10 yard BackF	- 
VOLUME OF MATERIAL	[] BBLS: [X] Y	YARD 10 : [] -	
JOB TICKET, OPERATOR/SHIPPI HEREWITH IS MATERIAL EXEM AMENDED FROM TIME TO TIM AND REGULATIONS RELATED T PRODUCED WATERS, AND OTH PRODUCTION OF CRUDE OIL OF ALSO AS A CONDITION TO SU	NCE SERVICES, INC.'S ACCEPTANCE O ER REPRESENTS AND WARRANTS THA IPT FROM THE RESOURCE, CONSERVA E, 40 U.S.C. § 6901, et seq., THE NM HE THERETO, BY VIRTUE OF THE EXEMP IER WASTE ASSOCIATED WITH THE EX R NATURAL GAS OR GEOTHERMAL EN JNDANCE SERVICES, INC.'S ACCEPTAN	AT THE WASTE MATERIAL SHIPPED ATION AND RECOVERY ACT OF 197 EALTH AND SAF. CODE § 361.001, e TION AFFORDED DRILLING FLUID XPLORATION, DEVELOPMENT OR NERGY.	D 76, AS et seq., S, WITH
	ER REPRESENTS AND WARRANTS THA PORTER IS NOW DELIVERED BY TRAN		
Statement at the above descrip	the above Transporter loaded the ma bed location, and that it was tender materials were added to this load,	red by the above described shipp	per. This
DRIVER: Lins L M			
(SIGNATURE)			
SIGNATURE)	SIGNATURE)		

LE	SE OPERATOR/SHIPPER/COMPAN	IY: Rice		
LE	SE NAME: F-29 5W			
TR	NSPORTER COMPANY: $R, E$		TIME:	AM/PM
DA	E: J. JJ-99 VEHICLE NO.		ER NO.:	
СН	RGE TO: Rice			· · · · · · · · · · · · · · · · · · ·
	TYPE	OF MATERIAL		· · ·
		g Fluids [] ninated soil [] Content:	Completion Fluids C-117 No.:	¢
ا 		20	2 y DS Be	ACKF, U
vo	UME OF MATERIAL [ ] BBLS	: 🕅 YARD 🚄		]
ANI PRC PRC Al THI OPE FAC <i>TI</i> <i>Stat</i>	IDED FROM TIME TO TIME, 40 U.S.C. § 690 REGULATIONS RELATED THERETO, BY VIR UCED WATERS, AND OTHER WASTE ASSOC UCTION OF CRUDE OIL OR NATURAL GAS O AS A CONDITION TO SUNDANCE SERVIC IOB TICKET, TRANSPORTER REPRESENTS A ATOR/SHIPPER TO TRANSPORTER IS NOW I ITY FOR DISPOSAL. S WILL CERTIFY that the above Transp ment at the above described location, and ertify that no additional materials were of the incident.	TUE OF THE EXEMPTION AFFO CIATED WITH THE EXPLORATIO OR GEOTHERMAL ENERGY. TES, INC.'S ACCEPTANCE OF THE ND WARRANTS THAT ONLY THE DELIVERED BY TRANSPORTER T Poorter loaded the material repu d that it was tendered by the	RDED DRILLING F N, DEVELOPMENT E MATERIALS SHII TO SUNDANCE SER resented by this T above described	LUIDS, OR PPED WITH VERED BY VICES, INC.'S Fransporter shipper. This
with DRIN	R: Lefte	my Bush		

1	Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511	© Nº	1852:
LEASE OPERATOR/SH			
LEASE NAME: F -	29 SWD		<u></u>
TRANSPORTER COMP	······································	TIME:	AM/PI
DATE: 2-22-99		VER NO.:	
CHARGE TO: $R_{i}$	/		
	TYPE OF MATERIAL		
[ ] Production Water [ ] Tank Bottoms [ ] Other Material:		] Completion Fluid ] C-117 No.:	s
Description: <u>o'Ly</u>	list 10	yards Back	Keill
		10	
	ANCE SERVICES, INC.'S ACCEPTANCE OF THE MA	TERIALS SHIPPED	
AS A CONDITION TO SUND, JOB TICKET, OPERATOR/SHIP HEREWITH IS MATERIAL EXE AMENDED FROM TIME TO TI AND REGULATIONS RELATEI PRODUCED WATERS, AND OT PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPOR		ATERIALS SHIPPED ASTE MATERIAL SH D RECOVERY ACT ( D SAF. CODE § 361 ORDED DRILLING F ON, DEVELOPMEN' HE MATERIALS SHI HE MATERIAL DEL	WITH THIS HIPPED OF 1976, AS .001, et seq., FLUIDS, T OR IPPED WITH LIVERED BY
AS A CONDITION TO SUND, JOB TICKET, OPERATOR/SHIP HEREWITH IS MATERIAL EXE AMENDED FROM TIME TO TI AND REGULATIONS RELATEI PRODUCED WATERS, AND OT PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPOR OPERATOR/SHIPPER TO TRAN FACILITY FOR DISPOSAL. THIS WILL CERTIFY that Statement at the above desc will certify that no additiona without incident.	ANCE SERVICES, INC.'S ACCEPTANCE OF THE MA PPER REPRESENTS AND WARRANTS THAT THE W. EMPT FROM THE RESOURCE, CONSERVATION ANI IME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AN D THERETO, BY VIRTUE OF THE EXEMPTION AFF THER WASTE ASSOCIATED WITH THE EXPLORATI OR NATURAL GAS OR GEOTHERMAL ENERGY. SUNDANCE SERVICES, INC.'S ACCEPTANCE OF T TER REPRESENTS AND WARRANTS THAT ONLY T	ATERIALS SHIPPED ASTE MATERIAL SH D RECOVERY ACT O D SAF. CODE § 361 ORDED DRILLING F ON, DEVELOPMEN' HE MATERIALS SHI HE MATERIAL DEL TO SUNDANCE SEI Dresented by this above described	WITH THIS HIPPED OF 1976, AS .001, et seq., FLUIDS, T OR HIPPED WITH LIVERED BY RVICES, INC.' Transporter shipper. This
AS A CONDITION TO SUND, JOB TICKET, OPERATOR/SHIP HEREWITH IS MATERIAL EXE AMENDED FROM TIME TO TI AND REGULATIONS RELATEI PRODUCED WATERS, AND OT PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPOR OPERATOR/SHIPPER TO TRAN FACILITY FOR DISPOSAL. THIS WILL CERTIFY that Statement at the above desc	ANCE SERVICES, INC.'S ACCEPTANCE OF THE MAPPER REPRESENTS AND WARRANTS THAT THE W. EMPT FROM THE RESOURCE, CONSERVATION AND IME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AN D THERETO, BY VIRTUE OF THE EXEMPTION AFF THER WASTE ASSOCIATED WITH THE EXPLORATI OR NATURAL GAS OR GEOTHERMAL ENERGY. SUNDANCE SERVICES, INC.'S ACCEPTANCE OF T. TER REPRESENTS AND WARRANTS THAT ONLY T NSPORTER IS NOW DELIVERED BY TRANSPORTER is the above Transporter loaded the material re- cribed location, and that it was tendered by the	ATERIALS SHIPPED ASTE MATERIAL SH D RECOVERY ACT O D SAF. CODE § 361 ORDED DRILLING F ON, DEVELOPMEN' HE MATERIALS SHI HE MATERIAL DEL TO SUNDANCE SEI Dresented by this above described	WITH THIS HIPPED OF 1976, AS .001, et seq., FLUIDS, T OR HIPPED WITH LIVERED BY RVICES, INC.'S Transporter shipper. This

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0	Sundance Services, P.O. Box 1737 * Eunice, NM 882 (505) 394-2511	1 1 2 2 2	<u>Nº 1</u> 8	8523
LEASE OPERATOR/SHIP	PER/COMPANY: Rice		· · · · · · · · · · · · · · · · · · ·	
LEASE NAME: F-2	29 5601			
TRANSPORTER COMPAN	Y: R-ETructing	TIME:	···	AM/PM
DATE: 2-22-99	VEHICLE NO .: JO 6	DRIVER NO	.:	
CHARGE TO: Rice				
	TYPE OF MATERIAL	-		
[] Production Water [] Tank Bottoms [] Other Material: Description: <u>Oiky Dir</u>	[] Drilling Fluids [4 Contaminated soil [] BS&W Content:	[] Complet [] C-117 No 20 yardz 1	·	
JOB TICKET, OPERATOR/SHIPPEI HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME AND REGULATIONS RELATED TI PRODUCED WATERS, AND OTHE	<b>] BBLS.</b>	THE WASTE MAT ION AND RECOVE LTH AND SAF. CC ON AFFORDED DR LORATION, DEVE	ERIAL SHIPPED RY ACT OF 197 DDE § 361.001, en ULLING FLUIDS	6, AS seq.,
THIS JOB TICKET, TRANSPORTER	NDANCE SERVICES, INC.'S ACCEPTANC R REPRESENTS AND WARRANTS THAT ORTER IS NOW DELIVERED BY TRANSF	ONLY THE MATE	RIAL DELIVERE	DBY
Statement at the above describe	ne above Transporter loaded the mate and location, and that it was tendered materials were added to this load, ar	d by the above de	escribed shippe	er. This
without incident.	$\sim$ 1			
Without incident. DRIVER: Dupo (SIGNATURE) FACILITY REPRESENTATIVE: 2	Donald Dosking (SIGNATURE)		<b>\$</b>	

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LEASE OPERATOR/SHIPPER/COMPANY: $R_{i < <}$ LEASE NAME: $F - 29$ S $WD$ TRANSPORTER COMPANY: $R - E T_{nucking}$ TIME: AN DATE: $2 - 22 - 99$ VEHICLE NO.: 1000 DRIVER NO.: CHARGE TO: $R_{i < <}$ TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Completion Fluids [] Completion Fluids [] Completion Fluids [] Completion Fluids [] Tank Bottoms [] Contaminated soil [] C-117 No.: 33 [] Other Material: [] BS&W Content: Description: $o_i L_y D_i h T$ $N_y and S RackFiL$ VOLUME OF MATERIAL [] BBLS: [] YARD $LO$ : [] AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH TH 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, AMENDED FROM TIME TO TIME, 40 U.S.C. § 6001, et seq. THE NM HEALTH AND SAF. CODE § 361.00], et sa AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, 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 THE WASTE MATERIAL SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED OPERATOR/SHIPPER TO TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED OPERATOR/SHIPPER TO TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED OPERATOR/SHIPPER TO TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED OPERATOR/SHIPPER TO TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED OPERATOR/SHIPPER TO TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the		Sundance Services, P.O. Box 1737 ★ Eunice, NM 88: (505) 394-2511	731	<u> </u>
TRANSPORTER COMPANY:       R-E Trucking       TIME:       AI         DATE:       2-22-99       VEHICLE NO.:       JOGO       DRIVER NO.:         CHARGE TO:       Ricc         TYPE OF MATERIAL         [] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] Completion Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] Completion Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] Completion Fluids       [] Completion Fluids         [] Tank Bottoms       [] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Tank Bottoms       [] Completion Fluids       [] Completion Fluids         [] Tank Bottoms       [] Tank Bottoms       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Drilling Fluids       [] Completion Fluids       [] Completion Fluids         [] Other Material:       [] Drilling Fluids       [] Completion Fluids       [] Completion Fluids         [] Other Material:       [] BBLS.       [] Production Water       [] Completion Fluids         Machoed FROM TIME FROM THE RESOURCE, CONSERVAITION AND RECOVERY ACT OF 1976, AMENDED FRATTERAL	LEASE OPERATOR/SHIP	PPER/COMPANY: Rize	· e1	
DATE:       2-22-99       VEHICLE NO.:       JOGO       DRIVER NO.:         CHARGE TO:       Rice         TYPE OF MATERIAL         [] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] C-117 No.:       33         [] Other Material:       [] BS&W Content:	LEASE NAME: F -	-29 SWD		
DATE:       2-22-99       VEHICLE NO.:       JOGO       DRIVER NO.:         CHARGE TO:       Rice         TYPE OF MATERIAL         [] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] C-117 No.:       33         [] Other Material:       [] BS&W Content:	TRANSPORTER COMPAN	W: R-ETrucking	TIME:	AM/P
TYPE OF MATERIAL         [] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] C-117 No.:       33         [] Other Material:       [] BS&W Content:       [] C-117 No.:       33         Description: o.jLy_Dirt       Discription: o.jLy_Dirt       ID yards Rackfil         VOLUME OF MATERIAL [] BBLS.       :       [] YARDD:       []         As a CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH TH JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED WITH THEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AMENDED FROM TIME 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et se         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 BLIVERED OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, FACILITY FOR DISPOSAL.         THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transpo. Statement at the above described location, and that it was tendered by the above described shipper.         SUMMARY SUMMERTING AFORDED by this Transpo. Statement at the above described location, a	DATE: 2-22-99	<b>v</b>	DRIVER NO.:	
[] Production Water [] Tank Bottoms [] Other Material: ] Other Material: ] Other Material: ] Description: O'Ly D'rt Description: O'Ly D'r	CHARGE TO: Ric	<		
[] Tank Bottoms [] Other Material: Description: O D_irt Description: O		TYPE OF MATERIAL	-	
VOLUME OF MATERIAL [] BBLS: [] [] As a CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH TH 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, AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et se 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 WIT THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transpor Statement at the above described location, and that it was tendered by the above described shipper. will certify that no additional materials were added to this load, and that the material was delivered	[] Tank Bottoms [] Other Material:	[+] Contaminated soll [] BS&W Content:		
VOLUME OF MATERIAL [] BBLS. : [] YARD : [] AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH TH 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, AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et se 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 WITHIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transpor Statement at the above described location, and that it was tendered by the above described shipper. will certify that no additional materials were added to this load, and that the material was delivered	Description: or Ly D,	'rt	10 yards R	ackfill
DRIVER: Aundez	IOB TICKET, OPERATOR/SHIPPI HEREWITH IS MATERIAL EXEM AMENDED FROM TIME TO TIM AND REGULATIONS RELATED PRODUCED WATERS, AND OTH	ER REPRESENTS AND WARRANTS THAT IPT FROM THE RESOURCE, CONSERVAT E, 40 U.S.C. § 6901, et seq., THE NM HEA THERETO, BY VIRTUE OF THE EXEMPTI IER WASTE ASSOCIATED WITH THE EXP R NATURAL GAS OR GEOTHERMAL ENE	THE WASTE MATERIA. ION AND RECOVERY A LTH AND SAF. CODE § ON AFFORDED DRILLII LORATION, DEVELOPM ERGY. CE OF THE MATERIALS	L SHIPPED CT OF 1976, AS 361.001, et seq., NG FLUIDS,

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	Sundance Services, Inc P.O. Box 1737 ★ Eunice, NM 88231 (505) 394-2511	Nº 18525
LEASE OPERATOR/S		
LEASE NAME:	- 29-500	
TRANSPORTER COM	PANY: REE Trucking	TIME: AM/PM
DATE: 2-22-	99 VEHICLE NO .: 4 54 D	PRIVER NO.:
CHARGE TO:	ice	
	TYPE OF MATERIAL	
[] Production Water [] Tank Bottoms [] Other Material:	[ ] Drilling Fluids 	[] Completion Fluids [] C-117 No.:
Description:	yang 10y	de Bachfill
VOLUME OF MATERIA	AL [] BBLS: [] YARD	: []
JOB TICKET, OPERATOR/SH HEREWITH IS MATERIAL E AMENDED FROM TIME TO AND REGULATIONS RELAT PRODUCED WATERS, AND	IDANCE SERVICES, INC.'S ACCEPTANCE OF THE HIPPER REPRESENTS AND WARRANTS THAT THE XEMPT FROM THE RESOURCE, CONSERVATION A TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH 'ED THERETO, BY VIRTUE OF THE EXEMPTION A OTHER WASTE ASSOCIATED WITH THE EXPLORA IL OR NATURAL GAS OR GEOTHERMAL ENERGY	WASTE MATERIAL SHIPPED AND RECOVERY ACT OF 1976, AS AND SAF. CODE § 361.001, et seq., AFFORDED DRILLING FLUIDS, ATION, DEVELOPMENT OR
THIS JOB TICKET, TRANSPO	O SUNDANCE SERVICES, INC.'S ACCEPTANCE OF DRTER REPRESENTS AND WARRANTS THAT ONL ANSPORTER IS NOW DELIVERED BY TRANSPORT	Y THE MATERIAL DELIVERED BY
Statement at the above de	nat the above Transporter loaded the material scribed location, and that it was tendered by onal materials were added to this load, and th	the above described shipper. This
	- Randy L Robertson	
	(SIGNATURE)	

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	S	Sundance Serv	· · ·		
		P.O. Box 1737 ★ Euni (505) 394-25		N⁰	18526
LEASE OPEF	ATOR/SHIPP	ER/COMPANY:	ice		
LEASE NAME	: F-2	9 - SWD	-		· · · · · · · · · · · · · · · · · · ·
TRANSPORT	ER COMPANY	: RJE	TI	IME:	AM/PM
DATE: 2-2	22-99 V	/EHICLE NO.: # /	DRIVER	NO.:	
CHARGE TO:	Ric	E			
		TYPE OF MA	TERIAL		
[] Production V [] Tank Bottom [] Other Materi Description:	8	[] Drilling Fluids	[]C-1	mpletion Fluids 17 No.:	<u> </u>
AS A CONDITIO JOB TICKET, OPI HEREWITH IS M AMENDED FROM AND REGULATIO PRODUCED WAT	ERATOR/SHIPPER ATERIAL EXEMPT I TIME TO TIME, DNS RELATED TH ERS, AND OTHER	BBLS: E SERVICES, INC.'S ACCEPT REPRESENTS AND WARRAN F FROM THE RESOURCE, CC 40 U.S.C. § 6901, et seq., THI IERETO, BY VIRTUE OF THE R WASTE ASSOCIATED WITH NATURAL GAS OR GEOTHEI	NTS THAT THE WASTE DNSERVATION AND REG E NM HEALTH AND SA E EXEMPTION AFFORDE I THE EXPLORATION, 1	MATERIAL SH COVERY ACT ( F. CODE § 361. ED DRILLING F	IPPED DF 1976, AS 001, et seq., CUIDS,
THIS JOB TICKET	, TRANSPORTER PER TO TRANSPO	DANCE SERVICES, INC.'S A REPRESENTS AND WARRAN RTER IS NOW DELIVERED F	NTS THAT ONLY THE N	IATERIAL DEL	IVERED BY
Statement at the	above describe no additional m	e above Transporter loaded d location, and that it was paterials were added to thi	s tendered by the abo	ove described	shipper. This
DRIVER:	lan M. Se	THALA			

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ر. بر ان	Sundance Services,	Inc.	
	P.O. Box 1737 ★ Eunice, NM 882	731	40507
·	(505) 394-2511		<u> 18527</u>
LEASE OPERATOR/SHIPP	ER/COMPANY: Rice		
LEASE NAME: F-29	5610		· ,•
TRANSPORTER COMPANY	: R.E. trucking	TIME:	AM/PM
DATE: 2-22-99 V	EHICLE NO.: 47/06	DRIVER NO.:	
CHARGE TO: K, CP			
· · · · · · · · · · · · · · · · · · ·	TYPE OF MATERIAL	- ·	
[] Production Water [] Tank Bottoms [] Other Material: Description:	[ ] Drilling Fluids PC Contaminated soil [ ] BS&W Content:	[] Completion, Elui [XC-117 No.:	ds ) (
AS A CONDITION TO SUNDANCE	· · ·	RD_20_:	
HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHER	REPRESENTS AND WARRANTS THAT FROM THE RESOURCE, CONSERVATI 40 U.S.C. § 6901, et seq., THE NM HEAI ERETO, BY VIRTUE OF THE EXEMPTIO WASTE ASSOCIATED WITH THE EXPL	THE WASTE MATERIAL S ION AND RECOVERY ACT LTH AND SAF. CODE § 36 ON AFFORDED DRILLING LORATION, DEVELOPMEN	SHIPPED OF 1976, AS 1.001, et seq., FLUIDS,
HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED THI PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR M ALSO AS A CONDITION TO SUNI THIS JOB TICKET, TRANSPORTER	REPRESENTS AND WARRANTS THAT FROM THE RESOURCE, CONSERVATI 40 U.S.C. § 6901, et seq., THE NM HEAI ERETO, BY VIRTUE OF THE EXEMPTIO	THE WASTE MATERIAL S ION AND RECOVERY ACT LTH AND SAF. CODE § 36 ON AFFORDED DRILLING LORATION, DEVELOPMEN RGY. CE OF THE MATERIALS SH ONLY THE MATERIAL DE	SHIPPED OF 1976, AS 51.001, et seq., FLUIDS, NT OR HIPPED WITH ELIVERED BY
HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED THI PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR M ALSO AS A CONDITION TO SUNI THIS JOB TICKET, TRANSPORTER DPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above described	REPRESENTS AND WARRANTS THAT FROM THE RESOURCE, CONSERVATI 40 U.S.C. § 6901, et seq., THE NM HEAI ERETO, BY VIRTUE OF THE EXEMPTIO WASTE ASSOCIATED WITH THE EXP NATURAL GAS OR GEOTHERMAL ENE DANCE SERVICES, INC.'S ACCEPTANC REPRESENTS AND WARRANTS THAT (	THE WASTE MATERIAL S ION AND RECOVERY ACT LTH AND SAF. CODE § 36 ON AFFORDED DRILLING LORATION, DEVELOPMEN RGY. THE MATERIALS SH ONLY THE MATERIAL DE PORTER TO SUNDANCE S Porter TO SUNDANCE S Portal represented by this of the above described	SHIPPED OF 1976, AS 1.001, et seq., FLUIDS, NT OR HIPPED WITH ELIVERED BY ERVICES, INC.'S Transporter d shipper. This
HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, A AND REGULATIONS RELATED THIS PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR M ALSO AS A CONDITION TO SUNI THIS JOB TICKET, TRANSPORTER DPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above described will certify that no additional mail without incident.	REPRESENTS AND WARRANTS THAT FROM THE RESOURCE, CONSERVATI 40 U.S.C. § 6901, et seq., THE NM HEAI ERETO, BY VIRTUE OF THE EXEMPTIO WASTE ASSOCIATED WITH THE EXPI- NATURAL GAS OR GEOTHERMAL ENE DANCE SERVICES, INC.'S ACCEPTANC REPRESENTS AND WARRANTS THAT OR RTER IS NOW DELIVERED BY TRANSF above Transporter loaded the mate d location, and that it was tendered	THE WASTE MATERIAL S ION AND RECOVERY ACT LTH AND SAF. CODE § 36 ON AFFORDED DRILLING LORATION, DEVELOPMEN RGY. THE MATERIALS SH ONLY THE MATERIAL DE PORTER TO SUNDANCE S Porter TO SUNDANCE S Portal represented by this of the above described	SHIPPED OF 1976, AS 1.001, et seq., FLUIDS, NT OR HIPPED WITH ELIVERED BY ERVICES, INC.'S Transporter d shipper. This

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0	Sundance Services, Inc.	· · · · · · · · · · · · · · · · · · ·	
	P.O. Box 1737 $\star$ Eunice, NM 88231		
	(505) 394-2511	<u>N2</u>	18528
LEASE OPERATOR/SHIP	PER/COMPANY: Rice		·
LEASE NAME: F-29	SG2D,		
TRANSPORTER COMPAN	W: RE, Toucking	TIME:	AM/PN
DATE: 2-22-99	VEHICLE NO .: 4/000 DRI	VER NO.:	
CHARGE TO: Rice	· · · · · · · · · · · · · · · · · · ·		
- <u> </u>	TYPE OF MATERIAL		
[] Production Water	[] Drilling Fluids [	] Completion/Elui	ds
[] Tank Bottoms	Contaminated soil     I BS&W Content:	C-117 No.:	/
[] Other Material:	J BS&W Content:		
Description: $0/900$		·	
			· · · · · · · · · · · · · · · · · · ·
······			
VOLUME OF MATERIAL	``] BBLS: [X] YARD_	20:	[]
VOLUME OF MATERIAL		<u>30                                    </u>	[]
AS A CONDITION TO SUNDAN	NCE SERVICES, INC.'S ACCEPTANCE OF THE MA		
AS A CONDITION TO SUNDAN JOB TICKET, OPERATOR/SHIPP	NCE SERVICES, INC.'S ACCEPTANCE OF THE MA ER REPRESENTS AND WARRANTS THAT THE W	ASTE MATERIAL S	HIPPED
AS A CONDITION TO SUNDAN JOB TICKET, OPERATOR/SHIPP HEREWITH IS MATERIAL EXEM	NCE SERVICES, INC.'S ACCEPTANCE OF THE MA	ASTE MATERIAL S D RECOVERY ACT	HIPPED OF 1976, AS
AS A CONDITION TO SUNDAN JOB TICKET, OPERATOR/SHIPP HEREWITH IS MATERIAL EXEM AMENDED FROM TIME TO TIM AND REGULATIONS RELATED	NCE SERVICES, INC.'S ACCEPTANCE OF THE MA ER REPRESENTS AND WARRANTS THAT THE W IPT FROM THE RESOURCE, CONSERVATION AN E, 40 U.S.C. § 6901, et seq., THE NM HEALTH AN THERETO, BY VIRTUE OF THE EXEMPTION AFF	ASTE MATERIAL S D RECOVERY ACT ID SAF. CODE § 36 ORDED DRILLING	SHIPPED OF 1976, AS 1.001, et seq., FLUIDS,
AS A CONDITION TO SUNDAN JOB TICKET, OPERATOR/SHIPP HEREWITH IS MATERIAL EXEM AMENDED FROM TIME TO TIM AND REGULATIONS RELATED PRODUCED WATERS, AND OTH	NCE SERVICES, INC.'S ACCEPTANCE OF THE MA ER REPRESENTS AND WARRANTS THAT THE W IPT FROM THE RESOURCE, CONSERVATION AN E, 40 U.S.C. § 6901, et seq., THE NM HEALTH AN THERETO, BY VIRTUE OF THE EXEMPTION AFF IER WASTE ASSOCIATED WITH THE EXPLORAT	ASTE MATERIAL S D RECOVERY ACT ID SAF. CODE § 36 ORDED DRILLING	SHIPPED OF 1976, AS 1.001, et seq., FLUIDS,
AS A CONDITION TO SUNDAN JOB TICKET, OPERATOR/SHIPP HEREWITH IS MATERIAL EXEM AMENDED FROM TIME TO TIM AND REGULATIONS RELATED PRODUCED WATERS, AND OTH	NCE SERVICES, INC.'S ACCEPTANCE OF THE MA ER REPRESENTS AND WARRANTS THAT THE W IPT FROM THE RESOURCE, CONSERVATION AN E, 40 U.S.C. § 6901, et seq., THE NM HEALTH AN THERETO, BY VIRTUE OF THE EXEMPTION AFF	ASTE MATERIAL S D RECOVERY ACT ID SAF. CODE § 36 ORDED DRILLING	HIPPED OF 1976, AS 11.001, et seq., FLUIDS,
AS A CONDITION TO SUNDAN JOB TICKET, OPERATOR/SHIPP HEREWITH IS MATERIAL EXEM AMENDED FROM TIME TO TIM AND REGULATIONS RELATED PRODUCED WATERS, AND OTH PRODUCTION OF CRUDE OIL O	NCE SERVICES, INC.'S ACCEPTANCE OF THE MA ER REPRESENTS AND WARRANTS THAT THE W IPT FROM THE RESOURCE, CONSERVATION AN E, 40 U.S.C. § 6901, et seq., THE NM HEALTH AN THERETO, BY VIRTUE OF THE EXEMPTION AFF IER WASTE ASSOCIATED WITH THE EXPLORAT	ASTE MATERIAL S D RECOVERY ACT ID SAF. CODE § 36 ORDED DRILLING ION, DEVELOPMEN	HIPPED OF 1976, AS 1.001, et seq., FLUIDS, NT OR
AS A CONDITION TO SUNDAN JOB TICKET, OPERATOR/SHIPP HEREWITH IS MATERIAL EXEM AMENDED FROM TIME TO TIM AND REGULATIONS RELATED PRODUCED WATERS, AND OTH PRODUCTION OF CRUDE OIL O ALSO AS A CONDITION TO SU THIS JOB TICKET, TRANSPORTI	NCE SERVICES, INC.'S ACCEPTANCE OF THE MA ER REPRESENTS AND WARRANTS THAT THE W IPT FROM THE RESOURCE, CONSERVATION AN E, 40 U.S.C. § 6901, et seq., THE NM HEALTH AN THERETO, BY VIRTUE OF THE EXEMPTION AFF IER WASTE ASSOCIATED WITH THE EXPLORATI R NATURAL GAS OR GEOTHERMAL ENERGY. JNDANCE SERVICES, INC.'S ACCEPTANCE OF T ER REPRESENTS AND WARRANTS THAT ONLY T	ASTE MATERIAL S D RECOVERY ACT ID SAF. CODE § 36 ORDED DRILLING ION, DEVELOPMEN HE MATERIALS SH THE MATERIAL DH	HIPPED OF 1976, AS 1.001, et seq., FLUIDS, NT OR HIPPED WITH ELIVERED BY
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	Sundance Services, 1 P.O. Box 1737 * Eunice, NM 8823 (505) 394-2511		18529
LEASE OPERATOR/SHIPPE	R/COMPANY: Rice		
LEASE NAME: F-20	7-500		
TRANSPORTER COMPANY:		ح TIME:	AM/PM
DATE: 2-22-99 VI	EHICLE NO .: # 1002	DRIVER NO.:	
CHARGE TO: Rice		141	
	TYPE OF MATERIAL		
[] Tank Bottoms [] Other Material: Description:	I BS&W Content:	1 C-117 No.:	Hill
VOLUME OF MATERIAL [ ]	BBLS: [] YA	RD <u>10</u> : [	]
JOB TICKET, OPERATOR/SHIPPER F HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, 4 AND REGULATIONS RELATED THE PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR N	SERVICES, INC.'S ACCEPTANCE OF T REPRESENTS AND WARRANTS THAT T FROM THE RESOURCE, CONSERVATIO 0 U.S.C. § 6901, et seq., THE NM HEAL ERETO, BY VIRTUE OF THE EXEMPTIO WASTE ASSOCIATED WITH THE EXPL ATURAL GAS OR GEOTHERMAL ENER ANCE SERVICES, INC.'S ACCEPTANCE	THE WASTE MATERIAL SHI ON AND RECOVERY ACT O TH AND SAF. CODE § 361.0 ON AFFORDED DRILLING FL ORATION, DEVELOPMENT RGY.	PPED F 1976, AS 01, et seq., UIDS, OR
THIS JOB TICKET, TRANSPORTER R	ANCE SERVICES, INC.'S ACCEPTANCH REPRESENTS AND WARRANTS THAT C TER IS NOW DELIVERED BY TRANSPO	ONLY THE MATERIAL DELI	VERED BY
Statement at the above described	above Transporter loaded the mater location, and that it was tendered tterials were added to this load, and	by the above described s	hipper. This
DRIVER: AUTOR TUDE			

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ľ		P.O. Box 1737 * Eunice, 1			10520
		(505) 394-2511		<u>Nº</u>	18530
LEASE O	PERATOR/SHIPPE	ER/COMPANY: Rice	>	<u> </u>	
LEASE N	AME: F-29	- 5 W D	<u> </u>		
TRANSPO		: R.E Envirnage	tal	TIME:	AM/PM
DATE:	2-22-99 V	VEHICLE NO.: #33	DRIVE	ER NO.:	
CHARGE	TO: Rice				
		TYPE OF MATE	RIAL		
[] Producti [] Tank Bo [] Other M Descripti	aterial:	[] Drilling Fluids PC Contaminated soil [] BS&W Content:	[] C	Completion Fluids	40
				10yda	Bachr
VOLUME	OF MATERIAL [ ]			 አ . r	۰
AMENDED F AND REGUL PRODUCED PRODUCTIO ALSO AS A THIS JOB TIO	ROM TIME TO TIME, A ATIONS RELATED THI WATERS, AND OTHER N OF CRUDE OIL OR N A CONDITION TO SUNI CKET, TRANSPORTER	FROM THE RESOURCE, CONSE 40 U.S.C. § 6901, et seq., THE N ERETO, BY VIRTUE OF THE EX. WASTE ASSOCIATED WITH TH NATURAL GAS OR GEOTHERMA DANCE SERVICES, INC.'S ACCE REPRESENTS AND WARRANTS DRTER IS NOW DELIVERED BY T	M HEALTH AND EMPTION AFFOR E EXPLORATION AL ENERGY. PTANCE OF THE THAT ONLY THE	SAF. CODE § 361. DED DRILLING F J, DEVELOPMENT MATERIALS SHIF E MATERIAL DELI	001, et seq., LUIDS, `OR PPED WITH IVERED BY
FACILITY FO THIS WIL Statement a	t the above described	above Transporter loaded th d location, and that it was te aterials were added to this lo	e material repro ndered by the a	bove described :	shipper. This
FACILITY FO THIS WIL Statement a will certify without inci	L CERTIFY that the t the above described that no additional ma dent. (SIGNATURE)	-	e material repro ndered by the a	bove described :	shipper. This
FACILITY FO THIS WIL Statement a will certify without inci DRIVER	L CERTIFY that the t the above described that no additional ma dent. (SIGNATURE) EPRESENTATIVE:(S Canary-Sundance Acct#1 P	d location, and that it was ten paterials were added to this lo	e material repro ndered by the a	bove described s e material was d	shipper. This
FACILITY FO THIS WIL Statement a will certify without inci DRIVER FACILITY RE White-Sundance	L CERTIFY that the t the above described that no additional ma dent. (SIGNATURE) EPRESENTATIVE:(S Canary-Sundance Acct#1 P	d location, and that it was ten paterials were added to this lo	e material repro ndered by the a	bove described s e material was d	shipper. This
FACILITY FO THIS WIL Statement a will certify without inci DRIVER FACILITY RE White-Sundance	L CERTIFY that the t the above described that no additional ma dent. (SIGNATURE) EPRESENTATIVE:(S Canary-Sundance Acct#1 P	d location, and that it was ten paterials were added to this lo	e material repro ndered by the a	bove described s e material was d	shipper. This

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Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511	Nº 1853
LEASE OPERATOR/SHIPPER/COMPANY:	
LEASE NAME: F-25-5410	
TRANSPORTER COMPANY: REE Envirusion TI	ME: AM/P
DATE: 2-22-94 VEHICLE NO.: 24/000 DRIVER	NO.:
CHARGE TO: R, Ca	
TYPE OF MATERIAL	
	npletion Fluids
VOLUME OF MATERIAL [] BBLS: [/YARD 20	
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERI JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND REA AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SA AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDE	MATERIAL SHIPPED COVERY ACT OF 1976, AS F. CODE § 361.001, et seg., ED DRILLING FLUIDS,
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERI JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND REA AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SA	MATERIAL SHIPPED COVERY ACT OF 1976, AS F. CODE § 361.001, et seq., ED DRILLING FLUIDS, DEVELOPMENT OR ATERIALS SHIPPED WITH MATERIAL DELIVERED BY
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERI JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND REC AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SA AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDE PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, I PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE M THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE N OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO S	MATERIAL SHIPPED COVERY ACT OF 1976, AS F. CODE § 361.001, et seq., ED DRILLING FLUIDS, DEVELOPMENT OR ATERIALS SHIPPED WITH MATERIAL DELIVERED BY SUNDANCE SERVICES, INC.
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AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERI JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND REG AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SA AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDE PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, I PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE M THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE N OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represent Statement at the above described location, and that it was tendered by the above will certify that no additional materials were added to this load, and that the in without incident.	MATERIAL SHIPPED COVERY ACT OF 1976, AS F. CODE § 361.001, et seq., ED DRILLING FLUIDS, DEVELOPMENT OR ATERIALS SHIPPED WITH MATERIAL DELIVERED BY SUNDANCE SERVICES, INC.

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	Sundance Services	, Inc.	
<b>e</b>	P.O. Box 1737 ★ Eunice, NM	<i>,</i>	18532
	(505) 394-2511		10002
LEASE OPERATOR/SHI	PPER/COMPANY: K, Ce		<u>.</u>
LEASE NAME: J-2	5-SWD		<u></u>
TRANSPORTER COMPA	NY: REE Emililion	eda TIME:	AM/PN
DATE: J.J.J44	VEHICLE NO .: #106	DRIVER NO .:	······
CHARGE TO: R.C.		· · · · · · · · · · · · · · · · · · ·	
	TYPE OF MATERIA	AL	
[] Production Water	f 1 Duilling Eluida	( ) Completion Elui	Ida
[] Tank Bottoms	[ ] Drilling Fluids [↓] Contaminated soil	[ ] Completion Flui [X] C-117 No.:	lus /
[] Other Material: ////	[] BS&W Content:		
Description: Dubly	rt		
L ²			
		<b>7</b>	
VOLUME OF MATERIAL	[] BBLS: [/]	YARD <u>20</u> :	[]
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## NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

September 2, 1999

## <u>CERTIFIED MAIL</u> <u>RETURN RECEIPT NO. Z 357 870 141</u>

Carolyn Doran Haynes Rice Operating Company 122 West Taylor Hobbs, NM 88240

Re: Closure Plans Below-Ground Redwood Tank Excavation Emergency Overflow Pit (Permit No. H-64) SWD F-29 SE/4 NW/4 Sec 29-Ts18s-R38e Lea County, NM

Dear Ms. Haynes:

The New Mexico Oil Conservation Division (NMOCD) is in receipt of Rice Operating Company's (ROC) letter dated June 25, 1999 and disposal manifest dated concerning the above captioned facility. ROC is requesting approval to modify its original plan for the Below-Ground Redwood Tank Excavation and Emergency Pit by utilizing a 10-12 inch thick packed-clay-layer barrier instead of a polyethylene liner, over-capp the horizontal extent of the contaminated area by an additional four to six feet to prevent lateral/absorption of moisture, deed record, and commit to a two-year quarterly sampling program and backfill the excavated areas.

The NMOCD approves of ROC's closure work plan with the following additional conditions:

- 1. ROC shall demonstrate that the Clay layer(s) compaction meets or exceeds 95% of a Proctor Test ASTM-D-698 and the permeability (hydraulic conductivity) is equal or less than  $1x10^{-7}$  cm/sec.
- 2. Supply copy of deed recording and information requested in item #1 above in closure report.

Please be advised that NMOCD approval of this site does not relieve ROC of liability should their operations fail to adequately investigate, remediate and/or contain contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve ROC of responsibility for compliance with any other federal, state, or local laws and/or regulations.

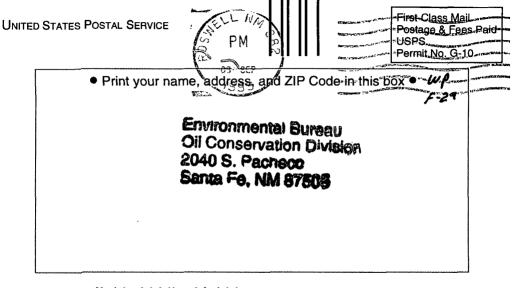
If you require any further information or assistance please do not hesitate to write or call me at (505-827-7155).

Sincerely Yours

Wayne Price-Pet. Engr. Spec. Environmental Bureau

cc: OCD Hobbs Office

se side?	SENDER: Complete items 1 and/or 2 for additional services. Complete items 3, 4a, and 4b. Print your name and address on the reverse of this form so that we cand to use	I also wish to receive the following services (for an extra fee):       Implemention         1.       Implemention         Addressee's Address       2.         Restricted Delivery       Consult postmaster for fee.		
s your <u>RETURN ADDRESS</u> completed on the reverse	card to you. Attach this form to the front of the mailpiece, or on the back if space permit. Write "Return Receipt Requested," on the mailpiece below the article The Return Receipt will show to whom the article was delivered and delivered.			
	3. Article Addressed to: RICE OPERALIAN CO. 122 WEST TAYLOR HOBBS, NM 88240	Z 357 4b. Service ₩ Registere □ Express	a. Article Number         Z       357       870       /41         b. Service Type         Registered       E Certified         Express Mail       Insured         Return Receipt for Merchandise       COD         Datepot Deliver       Cod         Addressee's Address (Only if requested)	
	ALL: CAROLYN HAYNES 5. Received By: (Print Name)	9		
	6. Signature: (Addressee or Agent) X	and fee is paid)		
<u> </u>	PS Form 38/11, December 1994 10.	2595-97-B-0179	Domestic Return	Receipt



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R C E Operating Company

122 West Taylor • Hobbs, New Mexico 88240 Phone: (505)393-9174 • Fax: (505) 397-1471

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#### CERTIFIED MAIL RETURN RECEIPT NO. Z 577 009 517

June 25, 1999

Mr. Wayne Price State of NM Energy and Minerals Dept. Oil Conservation Division 2040 South Pacheco Street Santa Fe, NM 87505

Re: Closure Plans Emergency Overflow Pit (Permit No. H-64) Below-Ground Redwood Tank Excavation SWD F-29 Facility NW/4, Unit Letter F, Sec. 29, T18S, R38E Lea County, NM

Dear Mr. Price:

Rice Operating Company (ROC) sincerely appreciates your consideration and recent response concerning the closure plans for the emergency overflow pit and the below-ground redwood tanks that are located at the F-29 Facility. As you know, the aboveground replacement tanks have been in service for some time and the large and deep excavation at the site is somewhat hazardous to the continuing operation of the facility. It is ROC's intention to work with NMOCD as timely as possible to close the immediate environmental issues here.

Specific areas of NMOCD concern detailed in your letter of May 22, 1999 are addressed immediately below (point by point) and are also appropriately incorporated into the revised closure plans for the facilities.

#### **Emergency Overflow Pit (H-64)**

In response to your request for additional information concerning the Emergency Overflow Pit (H-64), on June 3, 1999, ROC and Safety and Environmental Solutions, accompanied by Donna Williams, OCD Hobbs District Office, obtained additional bottom and side samples to further assess the site. (One composite sample of the bottom and sides was included in the original Closure Plan request.) Five-point composite samples were assembled from the bottom and sides and a two-point composite from the north end where it seemed to be a possible "hot spot."

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Further excavation of the hot spot was conducted (with impacted soil staged on site awaiting proper disposal at an OCD approved facility) and the area was re-sampled.

Each sample was tested for TPH (8015M), BTEX (8260), and chlorides. The sampling and testing were conducted per approved EPA methods and procedures. The results of these samples are illustrated in Table 1 of the attached Revised Emergency Overflow Pit (H-64) Closure Plan. Composite sample points are illustrated on the F-29 site drawing included in the revised plan.

## **Below-Ground Redwood Tank Excavation**

- 1. A topographic plot drawing of the site is attached. A vertical cross-section of the site is attached that denotes the results of chloride and TPH concentrations at the various sample sites. A calculated mass of in-situ contaminates is improbable to ascertain due to the various strata layers and their specific indeterminate densities. ROC is reluctant to stipulate any such mass quantity due to the obvious infallibility of delineation assumptions.
- 2. After in-depth discussions with various oil industry environmentalists and other ROC personnel, it has been decided to utilize a 10-12" packed-clay-layer barrier, instead of a polyethylene liner. The clay layer will be installed by a local contractor known to have previously installed clay layer barriers to the satisfaction of the NMOCD at similar sites closed in SE NM. The clay soil will be purchased from a local supplier.
- 3. To address lateral moisture migration under the clay-layer, Rice Operating Company proposes to expand the clay-layer coverage so lateral migration of moisture toward the impact area is further inhibited. The in-situ contaminate area will be over-capped an additional four to six feet to further prevent lateral migration/absorption of moisture.
- 4. The moisture-barrier clay-layer and the in-situ contaminates below it will be protected by placing the barrier ten-twelve feet underground at the level of the present excavation. This layer will not be disturbed by any normal surface activity practiced in the area. The presence and location of the clay layer will be defined on a permanent marker placed at the site. The landowner of record, Rice Operating Company, is fully aware of the future implications of disclosure, and will record the specifics with the property deed.
- 5. Rice Operating Company will commit to a two-year, quarterly sampling plan to monitor groundwater at this site and results will be reported annually to the NMOCD. The ground water will be tested for BTEX, Chlorides, and any other major cations and anions that the NMOCD and ROC deems reasonably prudent to monitor. The completed wellbore in the west part of the excavation will be extended to the surface, with a concrete pad poured around the well casing and a suitable protective locking device installed on the casing. The source of contamination is removed, the moisture-barrier will be in place to prevent any percolation of contaminates downward, and natural attenuation will be relied upon to remediate the vadose zone over the foreseeable future.





Upon approval of these revised closure plans, the plans will be executed for both the redwood tanks and the emergency overflow pit. Upon completion of the proposed work, the Pit Remediation and Closure forms for the redwood tanks and for the emergency overflow pit will be completed and submitted for the SWD F-29 Facility.

No further work will be performed at this site until the NMOCD responds to this request. This facility is located on a well-traveled road and is highly visible. The excavation at the site has been open for a considerable length of time. As always, Rice Operating Company will appreciate timely consideration in this matter.

If you have any questions, please call.

Caroly Denan Haynes

Carolyn Doran Haynes Operations Engineer

Enclosures: Revised Closure Plan Emergency Overflow Pit (Permit H-64) SWD F-29 Revised Closure Plan Below Ground Redwood Tanks SWD F-29 Pit Inventory Permit H-64

Cc: KH, LBG, file,

Donna Williams OCD Hobbs District 1625 N. French Drive Hobbs, NM 88240

## Revised Closure Plan for Below Ground Redwood Tanks Salt Water Disposal F-29 Facility NW/4, Sec. 29, T18S, R38E Lea County, New Mexico

#### **Determination of General Site Characteristics**

A survey of the facility and surrounding area was conducted to determine the wellhead protection area and distance to the nearest surface water body.

No private domestic water source was identified within 200 feet of the tanks. No water wells were identified within 200 feet of the tanks.

No surface bodies of water or ground water discharge sites (seeps, springs, marshes, or swamps) were identified within 1,000 feet of the tanks.

Depth to ground water at the site was determined to be 50 feet below ground surface based on boring data gathered at the site. A topographic plot drawing of the site is attached.

#### **Soil Remediation Levels**

The total ranking score and corresponding recommended soil remediation levels pursuant to Section II A of the Closure Guidelines are as follows:

CRITERIA	APPLICABLE STANDARD	SCORE		
Depth to ground water	Less than 50 feet	20		
Well head protection	Greater than 1,000 feet from water source			
_	Greater than 200 feet from private water source	0		
Surface water bodies		0		
TOTAL RANKING SCORE				

ANALYTICAL PARAMETER	REMEDIATION LEVEL		
Benzene 10 ppm*			
BTEX (benzene, toluene, ethylbenzene, and xylenes)	50 ppm*		
TPH (total petroleum hydrocarbon)100 ppm**			
<ul> <li>* A field soil vapor headspace measurement of 100 ppm may be substituted for laboratory analysis of the benzene and BTEX concentration limits pursuant to Section II.B.1, Closure Guidelines</li> <li>** TPH Remediation Level = 100 ppm plus background concentration</li> </ul>			



#### **Target Chloride Level**

Based on conversations with Mr. Roger Anderson and Mr. Wayne Price, Environmental Bureau, Oil Conservation Division, it is understood that a target level of 250 ppm (mg/l) has been suggested for delineation of chloride impact to the vadose zone. This level is not specifically stipulated in OCD guidelines or OCD regulations generated by due process as being a target level for remediation. It is also understood that 250 ppm chlorides is the maximum allowable chloride concentration for groundwater to comply with WQCC regulations.

#### **Initial Assessment**

After the replacement aboveground tank facility was put in service, the belowground redwood tanks were cleaned and disassembled in January 1999. The tank site was excavated an additional four-feet circumferencially and two-feet deeper. The excavation was visually inspected for evidence of hydrocarbon impact. A small area in the top (north) center end of the excavation exhibited moderate surface staining and was further excavated and the soil was staged on location then later transported to an OCD permitted facility for disposal.

Preliminary composite samples were collected from the bottom of the excavation (9' BGS) by F. Wesley Root on January 20, 1999 and were found to be:

SAMPLE LOCATION	ТРН ррт	CHLORIDE ppm
Excavation Bottom East	202	1030
Excavation Bottom Middle	298	316
Excavation Bottom West	24	285

Further excavation was done in the east and middle of the hole, extracting an additional two feet from the bottom of the hole. Composite samples of the newly excavated bottom (at 11' BGS) were collected by F. Wesley Root on January 26, 1999 and analyzed. Excavation side samples were collected June 3, 1999 by Safety and Environmental solutions. The results are:

SAMPLE LOCATION	ТРН ррт	CHLORIDE ppm
Excavation Bottom East	<10	791*
Excavation Bottom Middle	23.4	443*
Excavation Bottom West	24	285*
Excavation Side West	143	1084**
Excavation Side East	12	207**

TPH: EPA Method 8015M Chlorides: *EPA Method 325.3 **Standard methods 4500 Cl B

All excavated soil was staged on site, tested for TPH content. Contaminated soil was disposed at the NMOCD approved Sundance facility. Disposal manifests are attached.





Rice prepared a work plan to determine the vertical extent of chloride impact to the vadose zone at the redwood tank excavation. On March 6, 1999, the TPH and chloride concentration was delineated in the vadose zone that was directly beneath the redwood tanks. The Hobbs District I Office of OCD was notified 48 hours in advance, and Mr. Wayne Price visited the site to witness boring, sampling, and testing operations while in progress.

The ground water in this area was determined by this boring to be 50 feet from surface grade. Attached are the March 6, 1999, drilling logs with applicable subsurface lithology, analyticals, and remarks. The total boring depth was 36 feet for the East boring and 50 feet for the West boring (which was to groundwater.) Samples were taken at 5-foot intervals and were split into two or more portions.

One portion was field screened for soil vapor headspace using a HNU DL-101 photoionizer detector (PID) pursuant to Section II.B.1 of the closure guidelines and for chloride content using a field chloride test kit. Samples were submitted to Cardinal Laboratories for TPH analysis using EPA Method 418.1, for chloride concentrations using EPA Method 325.3 and for BTEX analysis using EPA Method 8260.

The chlorides and BTEX levels of the groundwater indicate that the groundwater has not been adversely impacted by the migration of salt water and chlorides are <250ppm at 10 feet above groundwater. The West area vadose zone does contain TPH (3660ppm), but it is located 10 feet above groundwater. The East area of the excavation tested <100ppm TPH and <250ppm Chlorides 20 feet above groundwater. Results are summarized below.

SAMPLE ID	DEPTH	OVM	CHLORIDE		ТРН
SAME LE ID		U V IVI	FIELD	LAB	
West BH B-1	40-41 feet	1125	440	206	3660
West BH B-1	45-46 feet	61	150	158	70.8
East BH B-2	30-31 feet	41	275	95	48.0
East BH B-2	35-36 feet	33	100	63	465*
East BH B-2	35.5 feet				117
Groundwater	50 feet		150	194	BTEX<10

Table 1: Facility F-29 Analytical Results in PPM of Boring Sampling March 5, 19	Table 1:	<b>Facility F-29</b>	Analytical Results in	<b>PPM of Boring</b>	Sampling March 5, 199
---------------------------------------------------------------------------------	----------	----------------------	-----------------------	----------------------	-----------------------

TPH: EPA Method 418.1 Chlorides: EPA Method 325.3 BTEX: EPA SW 846 8260 *This value is believed to be an anomaly considering the OVM and chloride concentrations. A reserve sample at 35' was tested for confirmation and was found to be a more predictable level.

The boring in the West area of the excavation was cased as illustrated on the boring log and developed in order to test the groundwater. The East boring was filled/plugged with bentonite.

The attached plot drawings illustrate the location of sample sites. Also attached is a corresponding vertical cross-section view of measured in-situ contaminant concentrations.



Considering groundwater at 50 feet BSG and the concentration of >100 ppm TPH and >250 ppm chlorides in the vadose zone:

- A. Although extremely unlikely, many consecutive years of abnormally high rainfall could conceivably afford the possibility of chlorides and TPH leaching into the groundwater during the next 10,000 years.
- B. Rice Operating proposes to eliminate the downward migration of moisture and therefore chlorides and TPH to groundwater by installing a 10-12" packed-clay-layer barrier over the entire excavated area, which is an overlap of the impacted area by 6-8 feet all around, and at the depth of 10-12 feet. The clay-layer will be installed by a local contractor known to have previously installed clay barriers to the satisfaction of the NMOCD at similar sites closed in SE NM. The clay will be purchased from a local supplier who has supplied much of the clay used in this area. NMOCD (Hobbs) will have 48 hours advance notice of the installation.
- C. To address lateral migration under the moisture barrier, the clay-layer coverage will be expanded to extend four to six feet beyond the impacted area. The overcap of the impact area will further inhibit/prevent lateral migration/absorption of moisture. The clay-barrier will be covered and packed with a layer of rock-free soil, and then the excavation will be backfilled and packed with clean soil/caliche. The site will be re-graded and the berm will be rebuilt.
- D. The presence and location of the clay-layer will be defined on a permanent concrete marker placed at the site. The information will also be recorded on the property deed for future disclosure purposes. Landowner of record is Rice Operating Company.
- E. Rice Operating Company will commit to a two-year, quarterly sampling plan to monitor groundwater at this site and results will be reported annually to the NMOCD. The ground water will be tested for BTEX, Chlorides, and any other major cations and anions that the NMOCD and ROC-mutually deem reasonably-prudent to monitor. The completed wellbore in the west part of the excavation will be extended to the surface, appropriately grouted. A concrete pad will be poured around the well casing and a protective locking device will be installed on the casing. The source of contamination is removed, the moisture-barrier will prevent percolation of contaminates downward, and natural attenuation will be relied upon to remediate the vadose zone over the foreseeable future.

Attachments: Drilling Logs Plot Drawings: Site Topo, Sampling Points, X-Section, Clay-Layer Spec. Laboratory Results and Chains-of-Custody Disposal Manifests





# Revised Closure Plan for Emergency Overflow Pit (Permit No. H-64) Salt Water Disposal Well No. F-29 Southwest 1/4, Section 29 of T18S R38E Lea County, New Mexico

#### **Determination of General Site Characteristics**

A field survey of the pit and surrounding area was conducted to determine the wellhead protection area and distance to the nearest surface water body.

No private domestic water source was identified within 200 feet of the pit.

No water wells were identified within 200 feet of the pit.

No surface bodies of water or groundwater discharge sites (seeps, springs, marshes, or swamps) were identified within 1,000 feet of the pit.

Depth to ground water at the site was determined to be 50 feet below ground surface based on boring data gathered at the F-29 Facility site. A topographic plot of the site is attached.

#### Soil Remediation Levels

The total ranking score and corresponding recommended soil remediation levels pursuant to Section II A of the Closure Guidelines are as follows:

CRITERIA	APPLICABLE STANDARD	SCORE
Depth to ground water	Less than 50 feet	20
Well head protection	Greater than 1,000 feet from water source	
	Greater than 200 feet from private water source	0
Surface water bodies		0
TOTAL RANKING SC	20	

ANALYTICAL PARAMETER REMEDIATION LEVEL				
Benzene 10 ppm*				
BTEX (benzene, toluene, ethylbenzene, and xylenes) 50 ppm*				
TPH (total petroleum hydrocarbon) 100 ppm**				
* A field soil vapor headspace measurement of 100 ppm may be substituted for laboratory analysis of the benzene and BTEX concentration limits pursuant to Section II.B.1, Closure Guidelines				
** TPH Remediation Level = 100 ppm plus background co	oncentration			





## **Target Chloride level**

Based on conversations with Mr. Roger Anderson and Mr. Wayne Price, Environmental Bureau, new Mexico conservation Division, it is understood that a target level of 250 ppm (mg/l) has been suggested for delineation of chloride impact to the vadose zone. This level is not specifically stipulate in OCD guidelines of OCD regulations generated by due process as being a target level of remediation. It is also understood that 250 ppm chlorides is the maximum allowable chloride concentration for groundwater to comply with WQCC standards.

#### **Initial Assessment**

The emergency pit was visually inspected for evidence of hydrocarbon impact. A small area in the north end of the pit exhibited moderate surface staining. The stained area was excavated and the soil was staged on location pending transport to an OCD permitted facility for disposal.

Three soil samples were collected to verify that the emergency pit meets the remediation levels. The samples were split into two portions. One portion was field screened for soil vapor headspace using a HNU DL-101 photoionizer detector (PID) pursuant to Section II.B.1 of the closure guidelines. The remaining sample portion was submitted to Cardinal Laboratories for TPH analysis using EPA Method 8015M. In addition, the samples were analyzed for chloride concentrations using EPA Method 325.3.

Field headspace readings and analytical results are presented in the following table.

SAMPLE ID	OVM	Chloride	ТРН	BTEX
PBN	6 ppm	79 ppm	59.9 ppm	
PBS	3 ppm	79 ppm	30.7 ppm	
PBC	< 1 ppm	111 ppm	30.2 ppm	
PB		64 ppm	<10 ppm	<50 ppm
PS			<10 ppm	<50 ppm
NPS		303 ppm	< 50 ppm	<50 ppm
NPB		653 ppm	< 50 ppm	<50 ppm
NPB653 ppm< 50 ppm<50 ppmPBN = composite sample from the bottom of the excavation in the north end of the pit ( 3.5 feet below pit bottom)PBS = sample from the bottom of the trench in the south end of the pit ( 3.5 feet below pit bottom)PBC = composite sample of the material forming the bottom and sides of the pitPB = composite sample of the pit bottom (June 3, 1999) that had no visible hot spotsPS = composite sample of pit sides that had no visible hot spots (June 3, 1999)NPS = composite sample of the north side of pit after a hot spot excavation (June 16, 1999)NPB = composite sample of new bottom after excavation (June 16, 1999)				

Chlorides: Standard methods 4500 Cl B; TPH: EPA 8015M; BTEX: EPA 8260





## Summary

- Field headspace results measured levels well below 100 ppm and were substituted for BTEX analysis (for the January samples.) Soil TPH concentrations are below the remediation level of 100 ppm. Soil Chloride levels ranged from 79 to 653 ppm.
- The site assessment activities verify that the vertical and horizontal extent of impact has been delineated and that the remaining hydrocarbon concentrations meet the remediation standards for closure pursuant to the Unlined Surface Impoundment Closure Guidelines.

#### **Conclusions and Recommendation for Risk Assessment**

Based on the information presented, the pit is in compliance with OCD closure regulations of TPH < 100 ppm. Rice will initiate closure plan activities upon receipt of written OCD approval of this plan. Closure activities include:

- A. The source of contamination is removed. Remediation of contaminates remaining in the vadose zone will undergo natural attenuation over the next 10,000 years.
- B. Install a 10-12" compacted clay layer (clay purchased locally) on the bottom of the pit to prevent moisture induced downward or lateral migration of the remaining chlorides.
- C. Backfill on top of the clay with clean material purchased from a local caliche pit. The site will be re-graded and the berm will be rebuilt.
- D. Excavated material (approximately 40 loose cubic yards) has already been disposed at the Parabo Disposal Facility operated by Sundance Services, Inc. and the disposal manifests are attached.
- E. ————The presence and location of the clay-layer will be defined on a permanent concrete marker placed at the site. The information will also be recorded on the property deed for future disclosure purposes. Landowner of record is Rice Operating Company.
- Attachments: Plot drawings: Site Topo, Sampling Points, X-Section, Clay-Layer Grade Laboratory Results and Chains-of-Custody Disposal Manifests

District I P.O. Box 1980, Hobbs, NM 88241-1980 District II State of New Mexic Energy, Minerals & Natural Reso		& Natural Resources Department	Form C-141 Originated 2/13/97
<u>District II</u> 811 South First, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos, Aztec, NM 87410	204 Sar	ERVATION DIVISION 40 South Pachecco 1ta Fe, NM 87505 8'S MONTHLY REPORT	Submit 2 copies to Appropriate District Office in accordance
District IV 2040 South Pacheco, Santa Fe, NM 87505			with Rule 116 on back side of form
	Release Notificat	tion and Corrective Action OPERATOR	Initial Report X Final Report
Name Rice Operating Company		Contact F. Wesley Root	
Address 122 West Taylor Hobb	os, NM 88240	Telephone No. 505-393-9174	

·		
Surface Owner	Mineral Owner	Lease No.
Rice Operating Company		

Facility Name SWD Well F-29 Facility Type SWD Disposal Facility

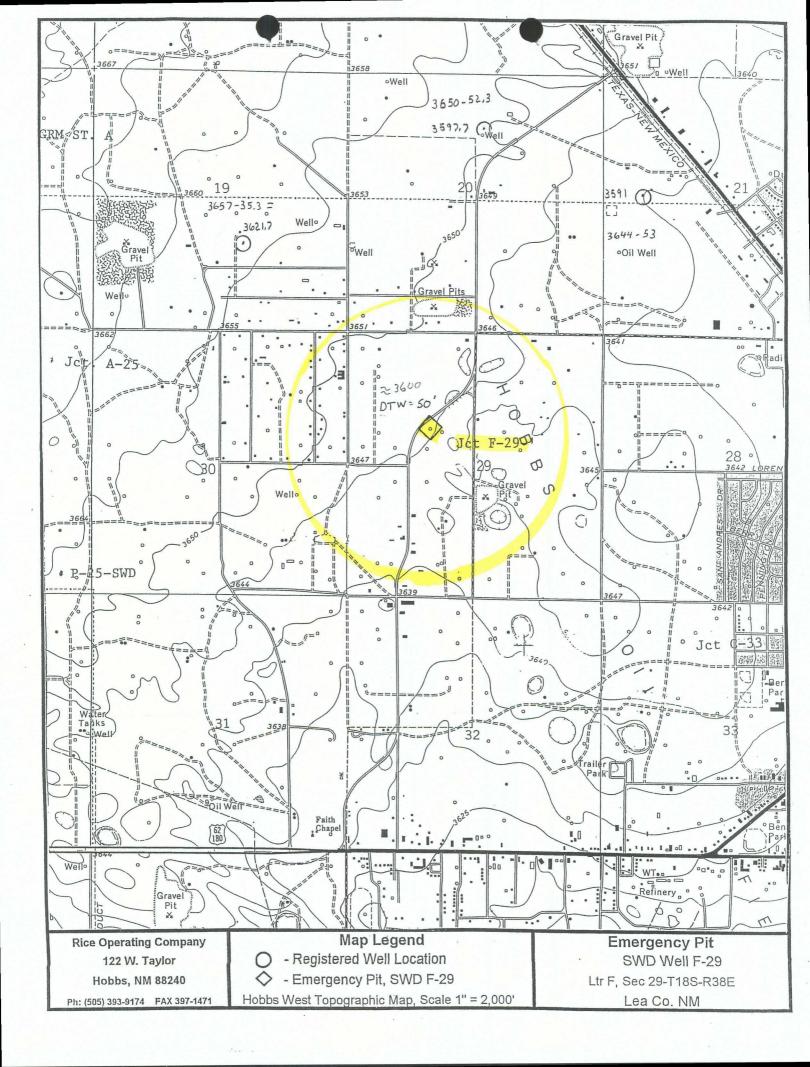
				LOCATION	N OF RELEASE			
Unit Letter F	Section 20	Township T18S	Range R38E	Feet from the	North/South line	Feet from the	East/West Line	County IEA
1	23	1100	K OL					LEA

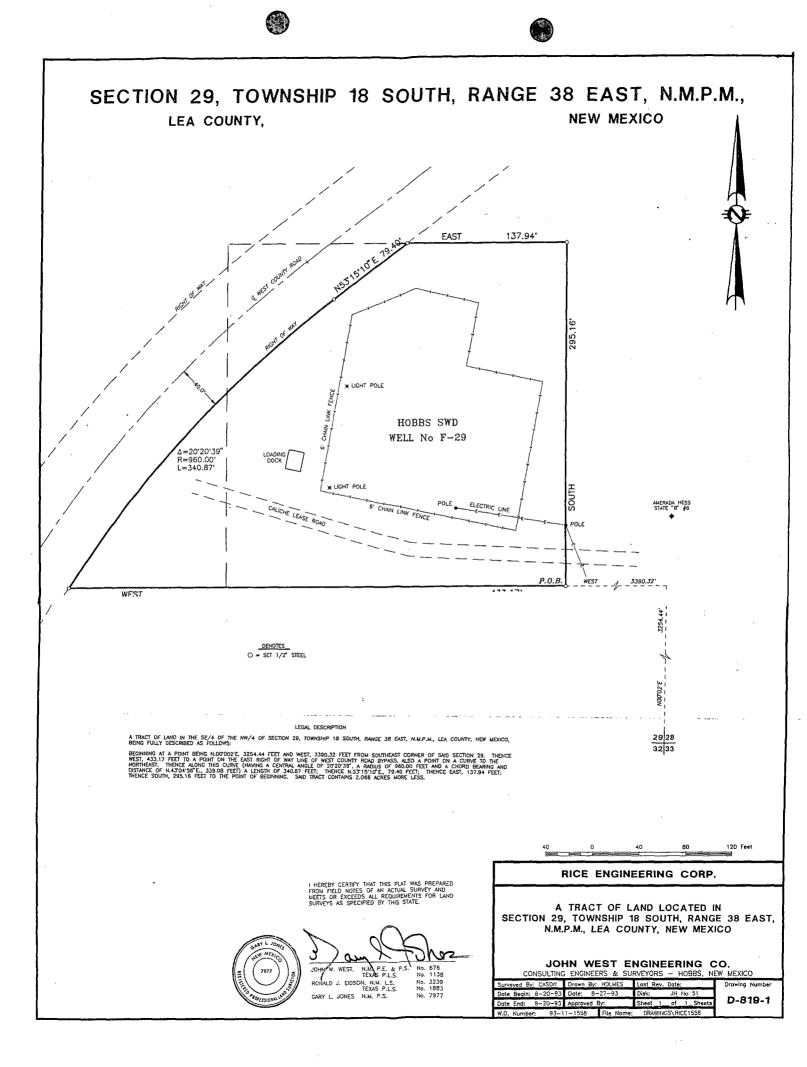
NATURE O	F RELEASE								
Type of Release	Volume of Release	Volume Recovered							
Production Water	Unknown	0 bbls							
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery							
Tanks and/or lines associated with facility	Unknown	03/05/99 9:00 AM							
Was Immediate Notice Given?	If YES, To Whom?								
X Yes 🗋 No 🗌 Not Required	Mr. Wayne Price								
By Whom?	Date and Hour								
F. Wesley Root	03/05/99 10:30 AM								
Was a Watercourse Reached?	If YES, Volume Impacting the Watercour	se.							
If a Watercourse was Impacted, Describe Fully. (Attach Additional Sheets If Necess	ary)								
N/A									
Describe Cause of Problem and Remedial Action Taken. (Attach Additional Sheets Soil impacted from cumulative effects of minor leaks during operat									
Removed potential source ( below-grade tanks and associated pipin		s of impacted soil to OCD							
permitted disposal facility (Parabo) during removal operations.	g). Excurred and transported 510 rey	s or impleted son to COD							
Describe Area Affected and Cleanup Action Taken. (Attach Additional Sheets If Net Area officiated and Limited to a surface area 40 fact by 70		nt of immost was 25 fast balow							
Area affected: Impacted soil limited to a surface area 40 feet by 70 ground surface. Ground water was not impacted. Drilled soil born									
development of corrective action plan. Filing closure plan with Wa		vide miormation for							
development of corrective action plan. Fining closure plan with wa	yne Plice, OCD, Santa Fe.								
I hereby certify that the information given above is true and complete to the best of my kn									
required to report and /or file certain release notifications and perform corrective actions f C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of lia									
contamination that pose a threat to ground water, human health or the environment. In add									
for compliance with any other federal, state, or local laws and /or regulations.	· · · ·								
Signature:	OIL CONSERVATION I	DIVISION							
Carolyn Denan Harnes	A								
Printed Name: Carolyn Doran Haynes	Approved by District Supervisor:								
Title: Operations Engineer	Approval Date:	Expiration Date:							
ne. operations references	·								
Date: 6-24-99 Phone: 505-393-9174	Conditions of Approval:	Attached 🛛							

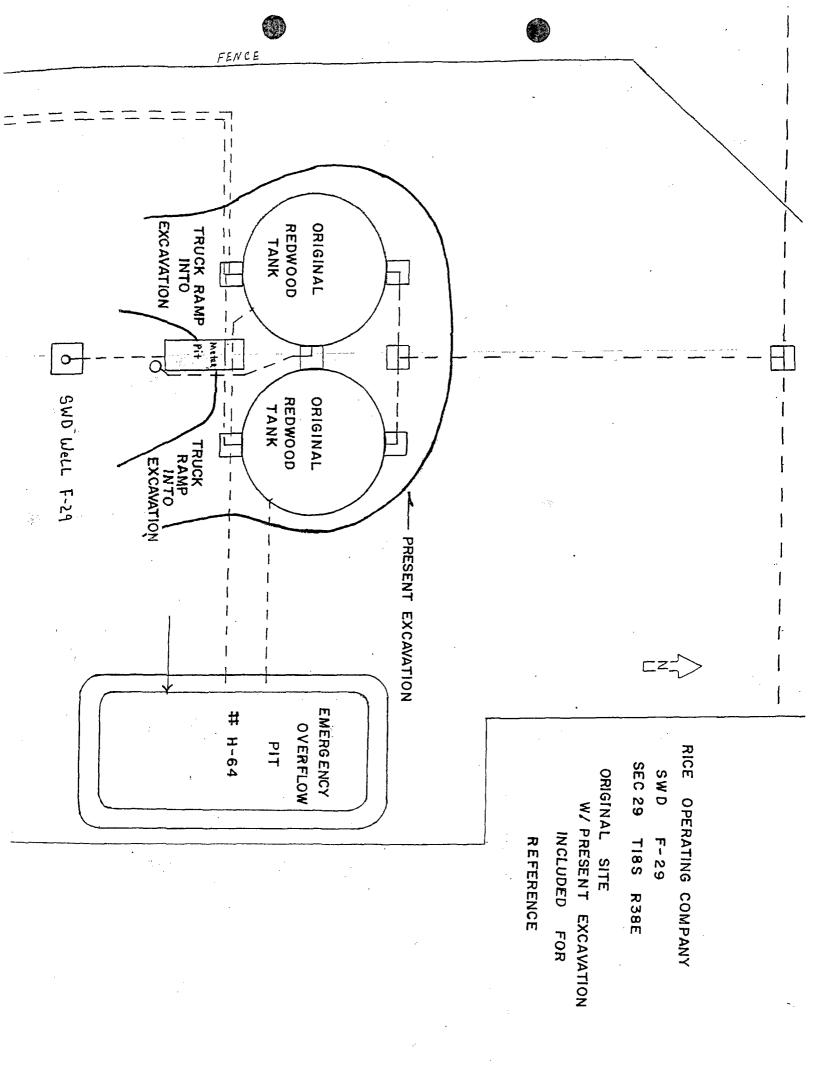
DRILL	ING LOG	Site Name ation	Well No. B-1	d: Driller: C. Harrison	Logged by: FWR	
RICE Ope 122 V	erating Company Vest Taylor	SWD Facility F-29 29-T18S-R38E	Well Depth: 60'	Boring De 60'	Sch 40 PVC	Construction:
Hobbs, Ne	ew Mexico 88240 (505) 393-9174	Lea Co. New Mexico	Casing Length: 30'/40' GS	Boring Dia 6"	meter: Casing Size: 2"	Grouted Bentonite plug
	(303) 393-9174 (05) 397-1471		Screen Length: 20'	Drilling Me Air Rota		1
DEPTH (Feet)	SUBSUR	RFACE LITHOLOGY	Sample Type	OVM (ppm)	REMARKS	Boring
10	Bottom of Excav	ation at 10' BGS		1		
- 11	Gray- brown, fine-	grained, calcareous sand (caliche)				
— 12 — 13	Indurated light bro	wn calcareous sand (caliche)	-			
14 15 16	Light brown calcar	eous sand (caliche)	Split-Spoon	242	• Chloride – 800 ppm	
- 17 - 18						
— 19 — 20			Split-Spoon	452	• Chloride – 800 ppm	
— 21 — 22			`			
— 23 — 24						
25			Split-Spoon	456	Chlarida 1700 mm	
— 26 — 27					• Chloride – 1700 ppm	
- 28 29	Indurated silicaous	sandstone				
30 31		lcareous sand (SM)	Split-Spoon	241	• Chloride – 700 ppm	
- 32 - 33					4	
- 34			] 			
35 36	Light gray limeston	e interbedded with sand stringers	Split-Spoon	549		
- 37 - 38			_			
- 39 - 40	Brown fine grain sl	ightly calcareous sand		1107	• Chloride – 440 ppm	
- 41			Split-Spoon	1125	<ul> <li>Chloride – 206 ppm</li> <li>TPH – 3660 ppm</li> </ul>	
- 42 - 43 - 44	Sand interbedded w/ gray limestone	<ul> <li>Field Test</li> <li>Laboratory Result</li> </ul>				
45	stringers	Cement Grout	Split-Spoon	61	<ul> <li>Chloride – 150 ppm</li> <li>Chloride – 158 ppm</li> </ul>	
— 46 — 47	Brown fine grain	Bentonite Seal			◆ TPH – 70.8 ppm	
— 48 — 49	slightly calcareous sand (SM)	Sand Pack				
50		0.02 Screen	Split-Spoon	4	DTW 50' @ 15:30	

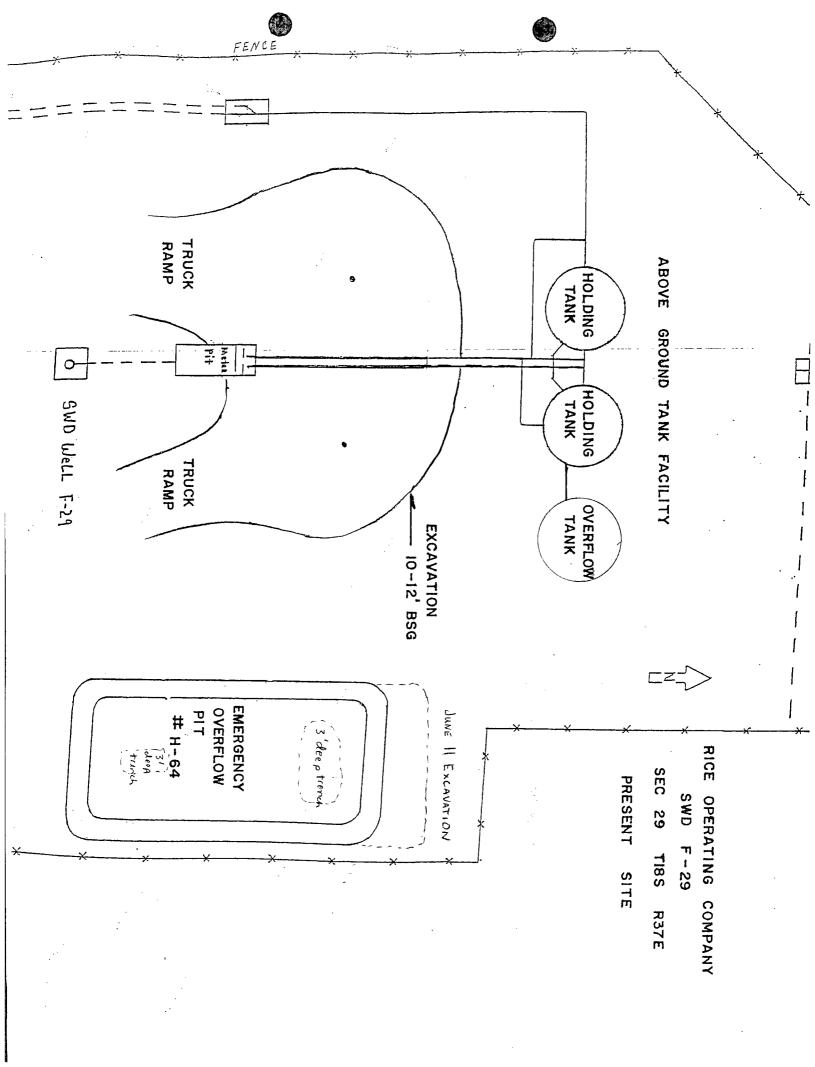
DRILL	ING LOG	Site Nam ation	Well No. B-2	Date Drille 3-5-9		Driller: C. Harrison	Logged by: FWR
	erating Company	SWD Facility F-29	Well Depth:	Boring De 36'		Well Material:	Construction:
122	West Taylor ew Mexico 88240	29-T18S-R38E Lea Co. New Mexico	Casing Length:	Boring Dia	meter:	Casing Size:	Plugged with Bentonite
Phone:	(505) 393-9174	Lea CO. New Mexico	Screen Length:	6" Drilling Me	thod:	Slot Size:	Dentonite
Fax: (	505) 397-1471			Air Rota			
DEPTH	SUBSUF	RFACE LITHOLOGY	Sample	OVM	F	REMARKS	Boring
(Feet)			Туре	(ppm)			
10	Bottom of Excav	vation at 10' BGS					
11	Light Gray silty ca	liche					
12 13							
14							
15			Split-Spoon	443	1		
- 16			<b>h</b>	1	ļ		
- 17							
18 19			_				
20			Split-Spoon	236	1		
21	Light gray calcared Silty, fine grained	ous sand (caliche)		230	ł		
22	Sinty, fine granied						
23							
- 24							
25 26			Split-Spoon	371			
27			· · · · · · · · · · · · · · · · · · ·		ł		
28			-1				
29					Chie		
30			Split-Spoon	41		ide – 275 ppm ride – 95 ppm	
31 32				1		– 48 ppm	
33	Light red-brown ca	lcareous sand (SM)					
34	Fine grained.						
35			Split-Spoon	33		ide – 100 ppm ride – 63 ppm	
36		·····	- <b>I</b>			– 117 ppm	
- 37 - 38	Bottom of boring a	t 36' BGS					
39							
<u> </u>							
41							
42					_		
- 43 - 44					• Fie	eld Test	
44					♦ La	boratory Result	
46						Bentonite Seal	
- 47							
- 48							
- 49							
50							
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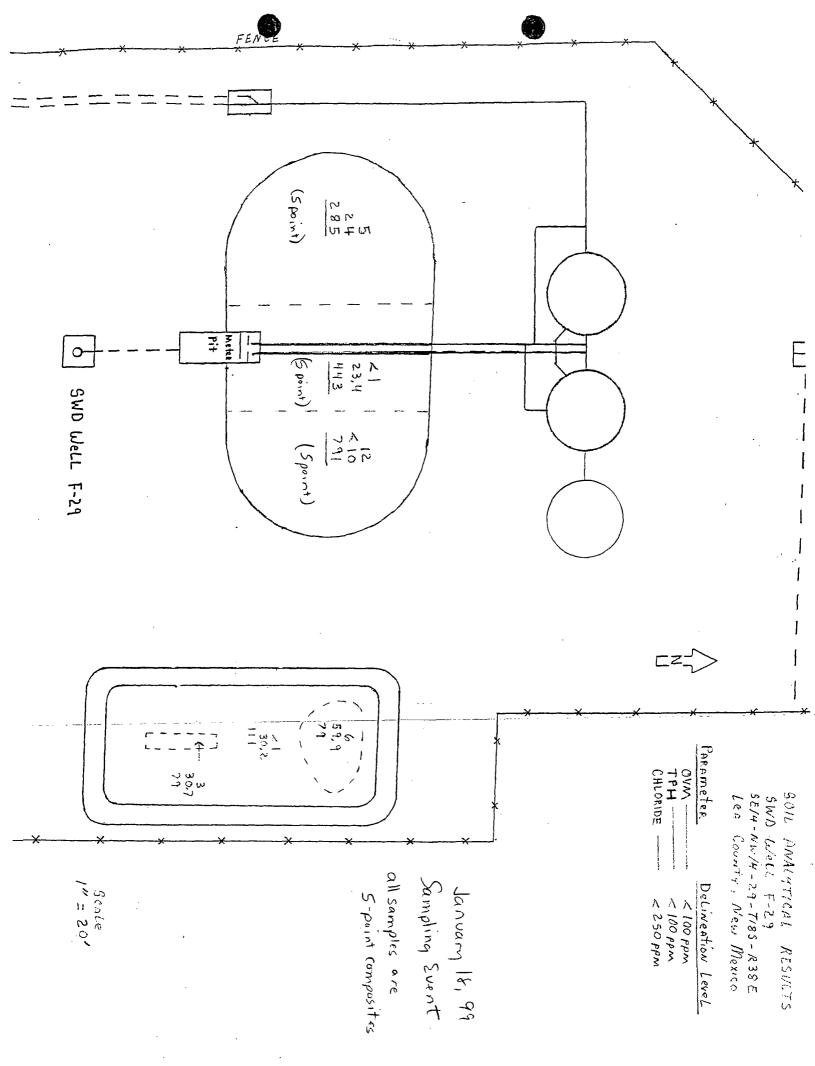


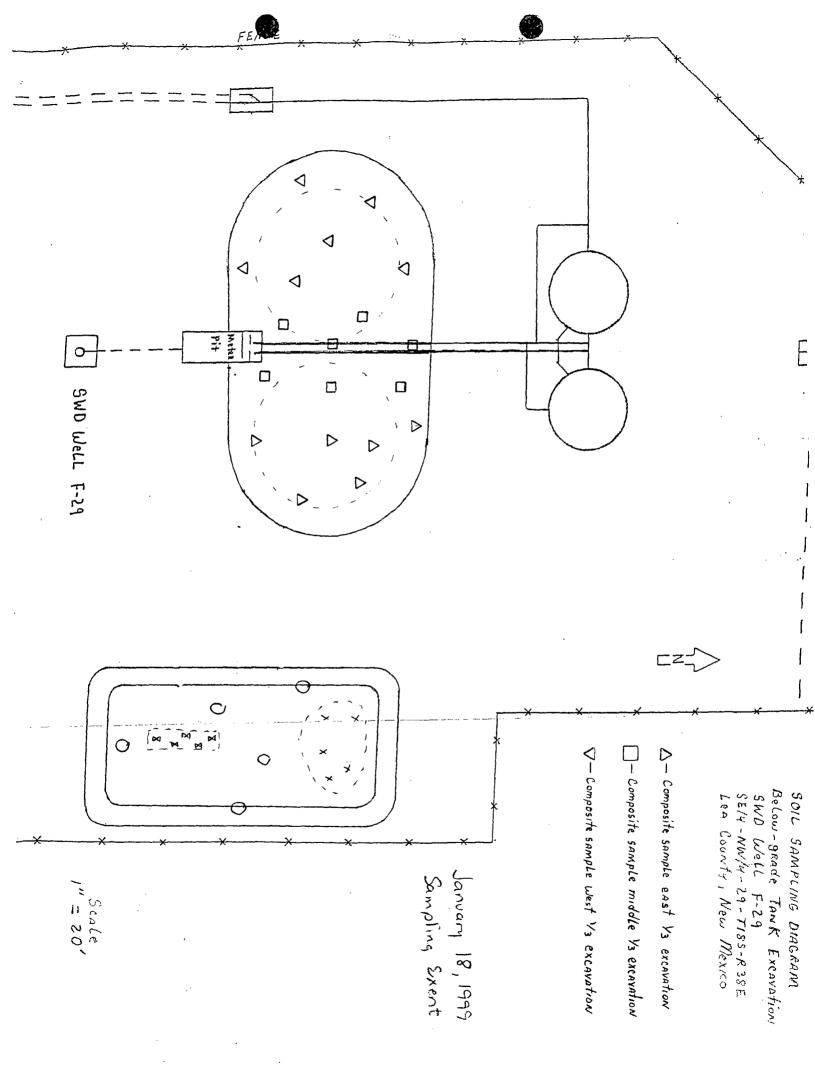


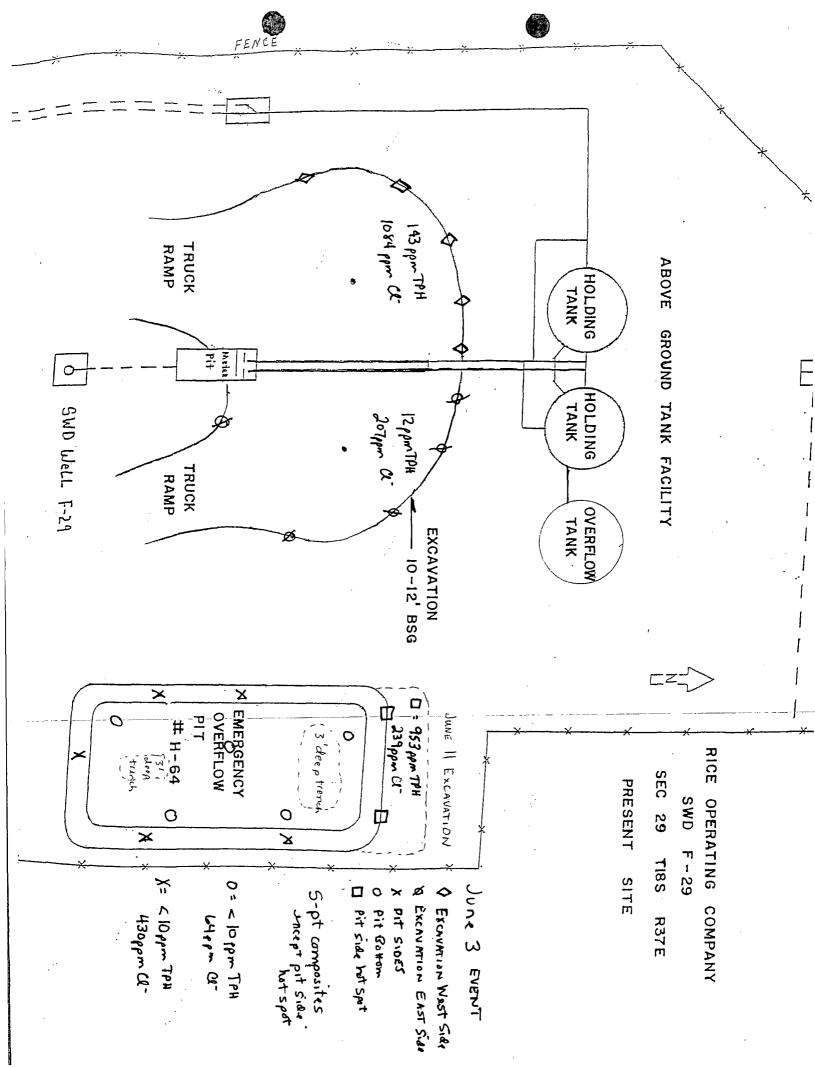


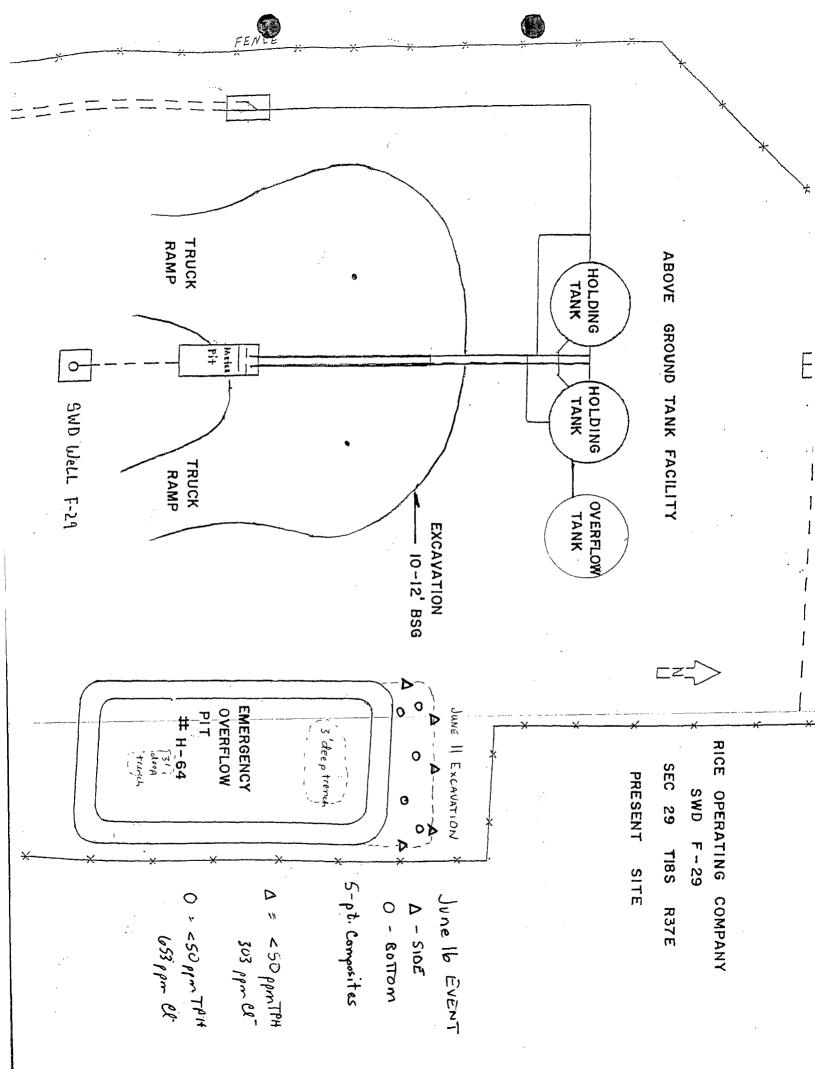


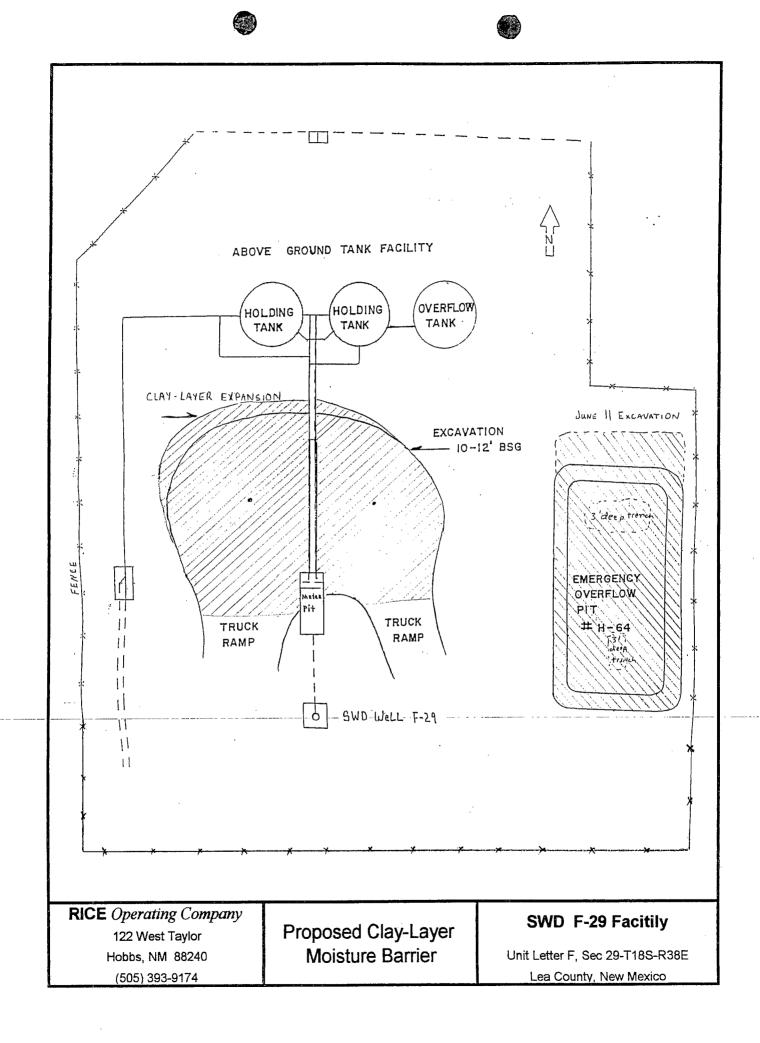
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Unit Letter F, Sec 29-1185-K38E Lea County, New Mexico	Unit Letter F, S Lea Count	Delineation		Hobbs, NM 88240 (505) 393-9174	
Redwood Tank Excavation and Emergency Overflow Pit SWD Well F-29	Redwood Tank Excavation	Chloride and TPH	-	Rice Operating Company	ת
				Groundwater Level	50
			· ·		48
			158 ppm TPH	70 ppm Cl 15	46
					44
					42
			3660 ppm TPH	206 ppm Cl 366	40
			-		38
					36
		63 ppm TPH	117 ppm Cl		34
					32
		48 ppm TPH	95 ppm Cl	700 ppm Cl	30
					28
				1700 ppm Cl	26
					24
					22
			-	800 ppm Cl	20
			(plugged)		18
			East Boring		16
					14
		791 ppm Cl	443 ppm Cl	285 ppm Cl	12
		<10 ppm TPH	23.4ppm TPH	24 phm TPH	10
<60 ppm TPH	79 ppm Cl;				8
					6
		207 ppm/Cl		1084 858 0	4
		12 ppm ToH	(completed, will bring to surface)	143 ppm TPH (compl	2
<50 pm TPH	300-430 ppn CI		West Boring	West	
Overflow Pit	Emergency Overflow Pit		Redwood Tank Excavation	) Redw	Ground Surface













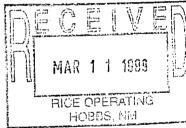
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: F. WESLEY ROOT 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 03/08/99 Reporting Date: 03/09/99 Project Number: NOT GIVEN Project Name: SWD WELL F-29 Project Location: 29-T195-R38E, LEA CO. NM

Sampling Date: 03/05/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: BC/AH

LAB NUMBER SAMPLE ID	TPH (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE:	03/08/99	03/08/99
H4049-1 B-1 (40-41')	3660	206
H4949-2 B-1 (45-46')	70.8	158
H4049-3 B-2 (15-16')	10400	665
H4049-4 B-2 (30-31')	48.0	95
H4049-5 B-2 (35-36')	465	63
Quality Control	244	1335
True Value QC	240	1319
% Recovery	102	101
Relative Percent Difference	3.2	1.5
METHODS: EPA 600/4-79-02	418.1	325.3



*Analyses performed on 1:4 w:v aqueous extracts.

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2 Code

H4049-1.XLS

PLEASE NOTE: Llability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or lort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence 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 profils incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by CardInal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: F.WESLEY ROOT 122 W. TAYLOR HOBBS, NM 88240 FAX TO:

Receiving Date: 03/05/99 Reporting Date: 03/06/99 Project Owner: RICE OPERATING Project Name: SWD F-29 Project Location: 29-T18S-R38E, LEA CO., NM Sampling Date: 03/05/99 Sample Type: GROUNDWATER Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: BC

					ETHYL	TOTAL
LAB NO.	SAMPLE ID	Cľ	BENZENE	TOLUENE	BENZENE	XYLENES
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
ANALYSIS DA	TE:	03/05/99	03/05/99	03/05/99	03/05/99	03/05/99
H4046-1	B-1	194	<0.002	<0.002	<0.002	<0.006
			_			
	······					
					· · · · ·	
					· · · · · · · · · · · · · · · · · · ·	
Quality Control		1335	0.089	0.095	0.092	0.276
True Value QC	· · · · · · · · · · · · · · · · · · ·	1319	0.100	0.100	0.100	0.300
% Recovery		101	88.9	94.6	91.5	92.0
Relative Perce	nt Difference	1.5	3.5	4.6	4.0	5.1

METHODS: CI- Std. Methods 4500-CI'B; BTEX - EPA SW-846 8260

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H4046.XLS

PLEASE NOTE: Liability 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 negligence 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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	ANALYSIS REDITEST	1										0742 X318									It D Yes D No Additional Fax #:	5 6					
101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476		BILL TO PO#:	Company: Rice Operating		55: 122 Wes		Op 22472 State: NM Zip: 88240	#: 505-3		MATRIX PRES. SAMPLING		нев : \ соог нев : лрее Г	50 01 51 01 510 51 01 51 00 51 00 5	V 3~5-99 17:15 V	V 3-5-79 17:15				ufsing whether tassed in contract or tort, strat be imited to the amount paid by the client for the alved unless made in writing and received by Cardnail within 30 days after competion of the su	altation. Dusinees interruptions, loss of use, or loss of profits incurred by citani, its operatess of whether such claim is based upon any of the above stated reasons o	elved Bv: Phone Result D Yes	REMARKS:	Received By: (Lab Staff)	willer Barlo	Sample Condition CHECKED BY: Cool Intact (Initials)		ritten changes to 915-673-7020.
DINAL L 2111 Bé (915)	Rice Open	anager: F. Wesley Root	Address: 122 West TAYLOR	City: Habbs State: NM Zip: 88240	Phone #: 505 393-9174	Fax #:	Project #: Project Owner: Rice Op ex	Project Name: SWD F-29	Project Location: 29-T/85-A38E, Leg Ca, NM	FOR LAB USE ONLY	sя язт	LAB I.D. Sample I.D. RAB OR (COULD AND AND AND AND AND AND AND AND AND AN	925 90 90 90 90 90 90 90 90 90 90 90 90 90	10	B-1 6 1 V				PLEASE NOTE: Liability and Damages. Cardnafe liability and client's axiustve remedy for any claim arising whether based in contract or lost, shall be imited to the amour paid by the client for the annual paid by the client for the	service. In no svent shall Cardnal be liable for incidential concerquential damages, including without limitation, bushness interunctions, loss of yoofits incurred by then, its substances affiliates of successors affiling out of or related to the performance of services hereunder by Cardnal, repardess of whether such claim is based upon any of the above stated reasons or otherwise.	Sampler Relinquished: Date: 3-5-99 Rece	V. Where any Kost Time: 17:45	·/·	Time:	: (Circle One)	Sampler - UPS - Bus - Other:	† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

<u> </u>
P () Box 1980
Hobbs, NM 88241-1980
District [] - (505) 748-1283
ALL S. Form
Ameria, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec. NM 87410
District IV - (505) 827-7131

#### New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Originated 6/27/97

Submit Original Plus I Copy to Santa Fe

PIT INVENTORY FORM
--------------------

Address: 122 WEST TAYLOR HOBBS NM 88240

Phone Number: (505) 393-9174

Previous Operator(s): Hobbs Salt Water Disposal System

Is the pit permitted: Yes 🗌 No 🖾

Unit Letter: F Section: 29 Township: 185 Range: 38E

County: Lea

Location Name Rice Operating Company Salt Water Disposal F-29 Well

Number of wells to the pit: <u>Truck terminal</u> (varies)

Are the wells to the pit operated by one operator K or multiple operators

Total daily volume (in barrels) to the pit: 1,000

Pit Type: ____ 2 - below ground Redwood terminal tank

(Emergency, Production, Workover, Reserve/Drilling(greater than 6 months old). Flare, Blowdown, Seperator, Dehydrator, Line Drip, BS&W/Tank Bottoms, Compressor, Pigging, Washdown, or other)

What types of wastes are accepted in the pit (Exempt, Non-exempt, Both, None): Exempt (production test)

Pit age (years): 30

Is the pit lined  $\mathbf{X}^{\mathsf{K}}$  or unlined  $\Box$ 

Type of liner (None, Synthetic, Clay) : _____ Redwood tanks on concrete pad

Is leak detection present: Yes No Observation boxes around tanks

Is the pit netted: Yes 🎦 No 🗌 Covered with Redwood top

ar oracle as suffice factures which .....

Pit dimensions (LxWxD): 28" dia x 8" HT

#### **CERTIFICATION**

ساهمات مديمات

المطامعة معاليه

I hereby certify that the information submitted is true and correct to the best of my knowledge and belief.

NameRoger Hall	Title: Operations Engineer
Signature Rozen Hall	Date: 10/31/97

<u>Fischet I</u> - (505) 393-6161 P. O. Box 1980 Hobbs: NM 88241-1980 <u>District II</u> - (505) 748-1283 811 S. First Arcests: NM 88210 <u>District III</u> - (505) 334-6178 1000 Rio Besson Roud Azuer, NM 87410 <u>District IV</u> - (505) 627-7131	Oil C 204	New Mexic nd Natural R Onservation 10 South Pacheco a Fe, New Mexic (505) 827-713	esources Department Division Street 0 87505	Originated 6/27/97 Subout Original Piss I Copy to Santa Fe
	PITI	NVENTORY	FORM	
Operator:	RICE OPERATING COMP	ANY		
Address	122 WEST TAYLOR			
ومحمد والمتحدين والمرجع المتبار المتحد والمحمد والمتحد والمحمد والمحمد والمحمد والمحمد والمحمد والمحمد والمحمد	Hobbbs, New Mexico			
Phone Number:	(505) 393-9174			
Previous Operator(s):	Hobbs Salt Water	Disposal Sy	stem	. <u></u>
Is the pit permitted: )	íes 🖾 No 🗌			
Unit Letter: F Section	r:29 Township: 185	Range: 38	<u> </u>	
•	Lea County			•
Location Name	F-29 Salt Water Dis	posal System	n Well	
Number of wells to the	pit:	_		
Are the wells to the pit	operated by one operator 🕅	Kor multiple ope	rators 🗌	
Total daily volume (in l	barrels) to the pit:N	one		
Pit Type: (Emergency, Production, Wo Line Drip, BS&W/Tank Bot	Mergency rkover. Reserve/Drilling(greater the toms. Compressor. Pigging, Washo	as 6 months old). A own, or other)	are. Blowdown, Seperator, Dehydrator,	-
What types of wastes an	e accepted in the pit (Exemp	t, Non-exempt, I	Exempt(product	ion water)
Pit age (years):	35			
Is the pit lined 🗌 or u	alined 🗵			
Type of liner (None, Sy	nthetic, Clay) : <u>None</u>			
Is leak detection present	L: Yes 🗌 No 🗱			
Is the pit netted: Yes	Nox			
Pit dimensions (LxWxD	): <u>63' X 29' X 3'</u>			
CERTIFICATION				
. nereby certify that the	information submitted is tru	e and correct to 1	he best of my knowledge and beli	ef.
NameR	oger Hall	Title	Operations Engineer	
Signature	gn Hall	Date:	10/28/97	

A pit is defined as any below grade or surface feature which sectives any materials other than fresh wanter

4

Submit 4 Copies to Appropriate District Office	State of New Mexico Energy, Minerals and Natural Resources Dep	Aug. 1, 1989
<u>DISTRICT I</u> P.O. Box 1980, Hobba, NM 88241-1980	OIL CONSERVATION DIVISION P.O. Box 2088	
DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719	Santa Fe, New Mexico 87504-2088	Permit No. $H-64$
	CATION FOR EXCEPTION TO DIVISION O IGRATORY BIRDS Rule 8(b), Rule 105(b), Ru	
Operator Name: Rice Engir	neering Corporation	
Operator Address: 122 W. Ta	aylor, Hobbs, New Mexico 88240	
Lease or Facility NameSWD_W	Well F-29 Location	
Size of pit or tank: 63'x29'x	x3' deep, approx. 1000 bbls.	Ut. Ltr. Sec. Twp. Rge
Operator requests exception from	the requirement to screen, net or cover the pit or tank	at the above-described facility.
The pit or tank is r	not hazardous to migratory waterfowl. Describe comp	pletely the reason pit is non-hazardous.
The pit is used	only in emergencies such as majo	r well remedial work,
<u>Normally kept em</u>	npty.	
· · ·	rbons should reach this facility give method and time	required for removal:
Method: Vacuum	truck	Party
	24 hrs. of discovery	
	rbons reach the above-described facility the operator i Office of the OCD with 24 hours.	is required to notify the
Operator proposes ti	he following alternate protective measures:	
	··	
knowledge and belief.	I hereby certify that the information given above is tr	ue and complete to the best of my
Signature S.A. Hakel	Title Division Manager	
	nirTelephone No3	93-9174
Printed Name S. A. Haktar		
	<u>ON USE</u>	
		· · · · · · · · · · · · · · · · · · ·
FOR OIL CONSERVATION DIVISION	D   Approved by	

. /



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

ANALYTICAL RESULTS FOR SAFETY & ENVIRONMENTAL SOLUTIONS, INC. ATTN: BOB ALLEN 703 E. CLINTON, SUITE 103 HOBBS, NM 88240 FAX TO: (505) 393-4388

Receiving Date: 06/16/99 Reporting Date: 06/17/99 Project Owner: RICE Project Name: F-29 Project Location: NOT GIVEN Sampling Date: 06/16/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: GP Analyzed By: BC

LAB NUMBE	ER SAMPLE ID	GRO (C6-C10) (mg/Kg)	DRO (>C10-C28) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS I	DATE:	06/16/99	06/16/99	06/16/99	06/16/99	06/16/99	06/16/99
H4183-1	BOTTOM COMP.	<50	<50	<0.002	< 0.002	< 0.002	< 0.006
H4183-2	SIDE COMP.	<50	<50	<0.002	< 0.002	<0.002	< 0.006
Quality Con	trol	1557	1315	0.086	0.096	0.099	0.293
True Value	QC	1600	1600	0.100	0.100	0.100	0.300
% Accuracy	· · · · · · · · · · · · · · · · · · ·	97.3	82.2	86.1	96.2	99.0	97.8
Relative Per	rcent Difference	2.5	5.3	1.6	5.5	4.6	4.1

METHODS: TPH(GRO & DRO) - EPA SW-846 8015 M; BTEX/MTBE-EPA SW-846 8260

7140 Date

#### H4183BT.XLS

PLEASE NOTE: Liability 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 negligence 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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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ANALYTICAL RESULTS FOR SAFETY & ENVIRONMENTAL SOLUTIONS, INC. ATTN: BOB ALLEN 703 E. CLINTON, SUITE 103 HOBBS, NM 88240 FAX TO: (505) 393-4388

Receiving Date: 06/16/99 Reporting Date: 06/16/99 Project Owner: RICE Project Name: F-29 Project Location: NOT GIVEN

Analysis Date: 06/16/99 Sampling Date: 06/16/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: GP Analyzed By: AH

LAB NUMBER SAMPLE ID (mg/L)

C۲

H4183-1	BOTTOM COMPOSITE	653
H4183-2	SIDE COMPOSITE	303
Quality Control		1325
True Value QC	;	1319
% Accuracy		100.5
Relative Perce	nt Difference	1.5
ETHOD: Stand	ard Methods	4500-CIB

Note: Analysis performed on 1:4 w:v aqueous extracts.

# hloopi

#### H4183CL.XLS

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CHAIN- Company Name: Company Name: To Beechwood, Allane, TX 78003 101 East Martiand, Hobbs, NM 88240 Briteriany Name: Company Name: Company Name: Company: Company Name:
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† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.



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

ANALYTICAL RESULTS FOR SAFETY & ENVIRONMENTAL SOLUTIONS, INC. ATTN: BOB ALLEN 703 E. CLINTON, SUITE 103 HOBBS, NM 88240 FAX TO: (505) 393-4380

Receiving Date: 06/03/99 Reporting Date: 06/07/99 Project Number: NOT GIVEN Project Name: RO F-29 Project Location: NOT GIVEN Sampling Date: 06/03/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: JP Analyzed By: BC

		GRO	DRO			ETHYL	TOTAL
LAB NUMBE	ER SAMPLE ID	(C6-C10)	(>C10-C28)	BENZENE	TOLUENE	BENZENE	XYLENES
		(mg/Kg) .	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
ANALYSIS	DATE:	06/03/99	06/03/99	06/03/99	06/03/99	06/03/99	06/03/99
H4173-1	WEST SIDE EXC.	<10	143	<0.002	<0.002	<0.002	< 0.006
H4173-2	EAST SIDE EXC.	<10	12	<0.002	< 0.002	< 0.002	< 0.006
H4173-3	BOTTOM PIT	<10	<10	<0.002	< 0.002	< 0.002	< 0.006
H4173-4	PIT SIDE 5 PT.	<10	<10	<0.002	<0.002	< 0.002	< 0.006
H4173-5	N. PIT SIDE	<10	953	<0.002	<0.002	<0.002	<0.006
Quality Con	trol	794	866	0.094	0.104	0.100	0.297
True Value		800	800	0.094	0.104	0.100	0.297
% Accuracy		99.2	108	94.4	104	100	98.9
Relative Per	rcent Difference	2.7	0.7	6.7	8.5	1.7	1.3

METHODS: TPH(GRO & DRO) - EPA SW-846 8015 M; BTEX/MTBE-EPA SW-846 8260

Date

#### H4173BT.XLS

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ANALYTICAL RESULTS FOR SAFETY & ENVIRONMENTAL SOLUTIONS, INC. ATTN: BOB ALLEN 703 E. CLINTON, SUITE 103 HOBBS, NM 88240 FAX TO: (505) 393-4380

Receiving Date: 06/03/99 Reporting Date: 06/07/99 Project Number: NOT GIVEN Project Name: RO F-29 Project Location: NOT GIVEN Analysis Date: 06/03/99 Sampling Date: 06/03/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: JP Analyzed By: AH

#### LAB NUMBER

R SAMPLE ID

(mg/Kg)

CI

H4173-1	WEST SIDE EXC.	1084
H4173-2	EAST SIDE EXC.	207
H4173-3	BOTTOM PIT	64
H4173-4	PIT SIDE 5 PT.	430
H4173-5	N. PIT SIDE	239
Quality Contro		1345
True Value QC	)	1319
% Accuracy		102
<b>Relative Perce</b>	nt Difference	8.9

METHOD: Standard Methods 4500-CIB NOTE: Analyses performed on 1:4 w:v aqueous extracts.

Muth look

#### H4173CL.XLS

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E E				CHAIN-OF-CU	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
THE	Z ANDINAL LADONALONICS, INC. 2111 Beechwood, Abilene, TX 79803 (915) 673-7001 Fax (915) 673-7020		101 East Marland, Hobbs, NM [.] 88240 (505) 393-2326 Fax (505) 393-2476	VM 88240 33-2476	Page of
Company Name:	SEST			(	ANALYSIS REQUEST
Project Manager:	BiAllow		BILL TO PO#:		
Address: JÚ	3 E. Clinton Suite 103	70103	Company:	-08	
city: Habbs	State: W/MZIp: §	8240	Attn:	19)	
Phone #: 505-	2397-0510		Address:	17	
Fax #: 505,	: 393-4380		City:	~+	
Project #:	Project Owner:		State: Zip:	1	
Project Name:	0 5-29		Phone #:	<i>44</i>	
Project Location:			Fax #:	5.	
FOR LAB USE ONLY		MATRIX	PRES. SAMPLING	, ,	
LAB I.D.	Sample I.D.	Containers Roundwater Mastewater Jil Oil	ртнея : отнея : соог соог соог	118914D XZZQ 8012	
74173-1	West Sicle Exc. 0	Х Х		8:45 V V V	
H 4/23-3-	EAST Side Exc. 0	X	6-3	8:58 1 1 1	
H4173-3	OM PIT	X	6.3	2 1 21:6	
1	DE 50+	X	6.3	9:35 / / /	
14473-5	N. PITSICK 0	X	6.3	9:43 / 1 /	
PLEASE NOTE: Liability and Damag analyses. All cisims including those f service. In no event shall Cardinal by affiliates or successors arising out of	iges. Cardnafe liability and client for negligence and any other cau be liable for incidental or comeedu of or related to the performance or	for any claim arising whether base I be deemed walved unless made if dng without Imitation, business int t by Cardnair narardaea of whethe	d in contract or tort, shalt be limited to the amount peid by the client for the 1 withing and received by Cardinal within 70 days after competition of the ar- withing and received by Cardinal within 70 days after competition of the ar- withing and received of or any of out of the article and article and competitions are of the article and article and article article article article article	e amourt peid by the client for the 30 days after competition of the applicable Commerchy client, its subsidiaries,	Terms and Conditions: Interest will be charged on all accourts more than 30 days past due at the rate of 24% per annum from the original date of involce, and all costs of collections, including attorney's fees.
DerR		Received B		Phone Result D Yes D No Additional Fax #: Fax Result: D Yes D No	
Relinguished BV:	Time; // 5 Au		and Potler	REMARKS: A ( SAMP/es	were Spt Composite
	R	94 0		EKREPT NOTTS	EKREPT NDTFSICLE Which WAS 214
Delivered Bv: (Circle One)	ircle One)	Sample Condition	но		D. D. M. C. M. C.
Sampler - UPS - Bus	us - Other:			1911 A	N. W.
and failure 4					

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f Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.



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; F. WESLEY ROOT 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 392-1471

Receiving Date: 01/26/99 Reporting Date: 01/27/99 Project Number: NOT GIVEN Project Name: SWD WELL F-29 Project Location: NW/4-29-T19S-R38E, LEA CO. NM Analysis Date: 01/27/99 Sampling Date: 01/26/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: AH

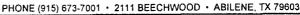
LAB NUMBER	SAMPLE ID	CI [–] (mg/L)
H4005-1	EEB	791
H4005-2	MEB	443
Quality Control		1315
True Value QC		1319
% Recovery		100
Relative Percent I	Difference	4.4
METHOD: EPA 600	/4-79-020,	325.3

JAN 29 1999 **RICE OPERATING** HOBBS, NM

## H4005-1.XLS

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ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN; F. WESLEY ROOT 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 392-1471

Receiving Date: 01/26/99 Reporting Date: 01/27/99 Project Number: NOT GIVEN Project Name: SWD WELL F-29 Project Location: NW/4-29-T19S-R38E, LEA CO. NM Analysis Date: 01/26/99 Sampling Date: 01/26/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: BC

LAB NUMBER SAME	PLE ID
-----------------	--------

TPH (mg/Kg)

H4005-1	EEB	<10
H4005-2	MEB	23.4
		-
		······································
Quality Contro		2667
True Value Q	C	3000
% Recovery		88.9
Relative Perce	ent Difference	1.7

METHOD: EPA SW-846 8015

ett fa Rook

Date

H4005-2.XLS

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1999 9 RICE OPERATING HOBBS, NM

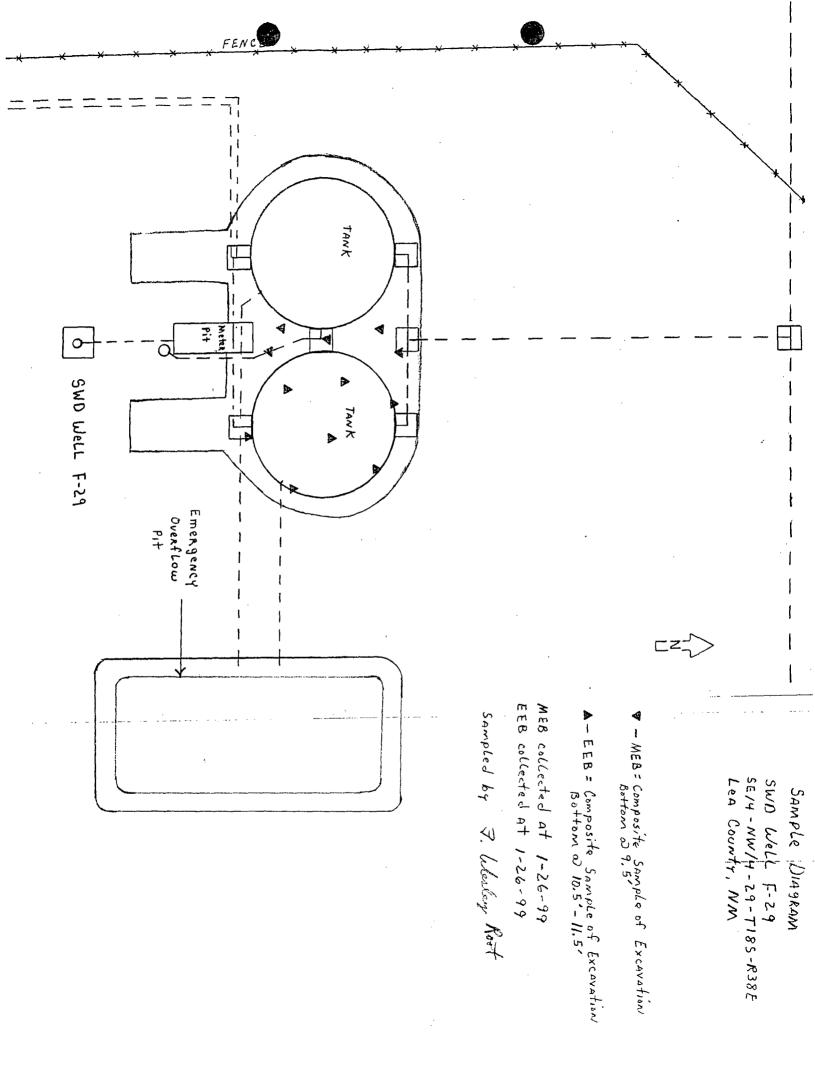
7					
ARDI	ARDINAL LABORATORIES, INC. 2111 Beechwood Abilene TX 79603	•	101 East Marland Hobbe NM 88240		כו הווע-טו -טטט ו טט ו הועה הועהר ו טוט הרעטרט ו
	(915) 673-7001 Fax (915) 673-7020		(505) 393-2326 Fax (505) 393-2476	.2476	Page / of /
Company Name: R	Rice Operations L	ompany			ANALYSIS REQUEST
Project Manager: F	Nesley Root	. /	BILL TO PO #:		
Address: / 2.2	West Taylor		Company: Rice Operations	, lo	
City: Hobbs	2	Zip: 83240	Attn: F- Wesley Root	<b>T</b> .	
Phone #: (505)-	393-9174		122 12 7	OR.	
Fax #: (505)-	392-1471		City: Hobbs		
Project #:	Project Owner:	Rice Operating	Co- State: 1/11 Zip: 88240	3240	
Project Name: S /	SWD Well F-29		Phone #: (505) 393-9174		
ect Location: NUVY -	4-29-7195-R38E	SE, Les Co- NM	Fax #: (505) 377-/47/	5 1	
FOR LAB USE ONLY		MATRIX	X PRES. SAMPLING		
LAB I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER : ACID: ICE / COOL OTHER :	TIME <i>T'P14 3</i>	
HYDOS-1	EE8	V	V 1-26-97	10;45 V	
1-2-	MEB	C 1 V	V 1-26-97 /	11:10 1	
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Relinquished By: /	Date: Time:		Received Bv: (Lab Staff)		
Delivered By: (Ci	(Circle One)	Sample Cond	Condition CHECKED BY:		
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† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

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Please fax writte	He Cond	:05	Date: 2.6-99 Received By:	without Emitation, business in Sardinal, regardless of wheth	ver shall be deemed waived unless made i						/	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	MATRIX	E, Let Co- NM		: Rice Operating Co-			: 83240			CMPANY	I .	RIESINC
s 5 10 10 15 10 15 15 17 10 20	Uon CHECKED BY:			ation, business interruptions, loss of use, or loss of profits in andess of whether such claim is based upon any of the abov	d received b				V 1-25-1	1 1 2 1 1	1 1-36-99	OTHER :	PRES. SAMPLING	Fax #: (505) 377-/421	Phone #: (505) 393-9/74	State: N/M Zip: &	City: Hobbs	Address: 122 W. Taylor	Attn: F. Wesley R.	Company: Rice Operation	BILL TO PO #:		101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476	
			Phone Result D Yes D No	or loss of profits incurred by cfient, its subsidiaries, oon any of the above stated reasons or otherwise.	amount paid by the client for the D days after completion of the applicable				1/2/0	+	INCHE V	TME Chlorid		124	4124	Zip: 88240		Lor	Rent	z lo-			M 88240 1-2476	CHAIN-OF
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PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

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

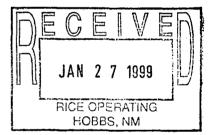
ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: F. WESLEY ROOT 122 WEST TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 01/20/99 Reporting Date: 01/21/99 Project Owner: RICE OPERATING Project Name: SWD WELL F-29 Project Location: NW/4-29-T19S-R38E, LEA CO, NM Analysis Date: 01/20/99 Sampling Date: 01/18/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: AH Analyzed By: BC/AH

LAB NUMBER SAMPLE ID

TPH (mg/Kg)

H4001-1	EBE	202*
H4001-2	EBM	298**
H4001-3	EBW	24
Quality Contro	pl	2667
True Value Q	С	3000
% Recovery		89
<b>Relative Perc</b>	ent Difference	1.7



METHOD: EPA SW-846 8015 * Alkane Range: C12-C30 ** Alkane Range: C11-C30

a Cophi

Date

H4001-2.XLS

PLEASE NOTE: Liability 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 negligence 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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	ANALYSIS REOUEST	1																	Terms and Conditions: Interest will be charged on all accounts more than	30 days past due at the rate of 24% per arrenum from the original date of invoice. and all costs of collections, including attorney's fees.	□ No Additional Fax #: □ No	·			
Marland, Hobbs, NM 88240 1-2326 Fax (505) 393-2476		BILLTO PO#:	Company: Rice Operation	Attn: F. WesLey Rent	dress: 122 W	y: Habbs	State: NM ZID: 88240	5	1471	PRES. SAMPLING	78	700		V 1-18-99 15:20 V	. V 1-18-49 15:25 V	V 1-18-99 15:30 V			contract or tori, shat be Imiled to the amount peld by the clear for the	ing any around out of the application of the application of the application of the applications, loss of these, of forsts of profiles incurred by clear, its subsidiation, it clearly applications of the above stated reasons or otherwise.	Phone Result □ Yes Fax Result: □ Yes REMADRC.	b Staff)	CHECKED BY: (Initials)		
<ul> <li>ARDINAL LABORATORIES, INC.</li> <li>2111 Beechwood, Abilene, TX 79603 101 East (915) 673-7001 Fax (915) 673-7020 (505) 393</li> </ul>	RICE Operating Company		Wast TAYLOR. Co	State: MM Zlp: &g240	505)-393-9124	- 397-1471 CI	Project Owner: Free Operation St		-29-T195-A38E, LEA (2, NM	MATRIX	ਮ ਤ		екоп # сои	EBE CIIV	EBMCIN	EBWCCVV			PLEASE NOTE: Listility and Damages. Cardina's listility and clear's exclusive remedy for any claim arising whether based in cortract or tot, shall be imited to the amount pully the ambiteds. A claims including these for needcomes and any other cause whether wave index and includent the amount pully the	service. In no every shall Cardnal be latte for incidental or consequental damages, incidental initiation, business intratestervery cardnal mum or day and competed on the applicable alliates or successors atteing out of or halsed to the performance of services hereunder by Cardnal, regurdess of whether such claim is based upon any of the above stated reasons or observise.	ed: Date: Date: $7-20-79$ Received By:	$\frac{1000}{1000} = \frac{1000}{1000} \frac{1000}{1000$	 	- Other:	
ARDI	-	Project Manager:	Address: /22	City: Hokks	Phone #: く	Fax #: (505).	Project #:	Project Name: 5 jk	Project Location: NW/4	FOR LAB USE ONLY		LAB I.D.		1-0041	<u>}</u>	$\hat{\mathbf{x}}$			PLEASE NOTE: Lisbility and Dama energises. All claims including those	service. In no event shall Cardnal b affitates or successors artsing out o	Sampler Kellinguishe	du	••	Sampler - UPS - Bus	

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

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

ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: F. WESLEY ROOT 122 WEST TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

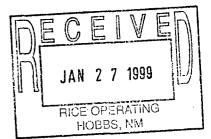
Receiving Date: 01/20/99 Reporting Date: 01/21/99 Project Owner: RICE OPERATING Project Name: SWD WELL F-29 Project Location: NW/4-29-T19S-R38E, LEA CO, NM Analysis Date: 01/20/99 Sampling Date: 01/18/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: AH Analyzed By: AH

LAB NUMBER

R SAMPLE ID

CI-(mg/L)

H4001-1	EBE	1030
H4001-2	EBM	316
H4001-3	EBW	285
Quality Control		1315
True Value QC		1319
% Recovery		100
Relative Percent	t Difference	4.4
ETHOD: EPA 60	0/4-79-020	325.3



1 Coshe

Date

## H4001-1.XLS

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Company Name: Project Manager: Address: /22 City: 片ららら5 Project Manager: Address: /22 City: 片ららら5 Project #: Project Location: A Project Location: A Project Location: A Project Location: A Project Location: A Project Location: A Project Mane: Project Mane	LABORATO Beechwood, Abile 15) 673-7001 Fax (		Contraction Commany River	State: MM Zlp: 88240 Attn: F. Wester	393-7174 Address: 122 W	2005	Project Owner: Rice Operating	- 1	-29-7195-838E, Les Co. NM Fax #: (505) 397-1471	MATRIX PRES. SAMPLING	Sample       Sample         I.       9         A       0.         B       0.         A       0.         A       0.         B       0.         B	EBE CIVV //-/8-99 /5:20 V	EBM C/ V / 1-18-99 15:25 V	EBW C/ V V /-18-99 15:32 V			PLEASE NOTE: LIBUILY and Damage. Cardina's labelity and clerife exclusive remark for any claim arising whether beased in contract or tori, shall be limited to the amount paid by the clerif for the Terms and Conditions: interest will be charged on all accounted in writing and received by Cardinal within 30 days as itser completion of the applicable and you as the formations for horizon and any other autors whether and within and interest with 30 days as itser consistence on the days past days past days past does and any other and the other and			Date: D- CC Received By: (Lab Staff)	Sample Condition CH	- Other:
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T Carginal cannot accept Verbal changes. Please fax written changes to 915-673-7020.

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RICE Operating Company 122 West Taylor Hobbs, New Mexico 88240 Phone: 505-393-9174 Fax: 505-397-1471

## **ANALYSIS REPORT**

FACILITY: Emergency Pit (Permit No. H-64) DATE: January 20, 1999

SYSTEM: SWD Well F-29

LOCATION: SE/4-NW/4-29-T18S-R38E, Lea Co. NM

Sample ID	Date	Time	Headspace Reading (ppm)	Description
PBN	1-18-99	14:55	6	Composite of excavation bottom, north end of pit (3.5 feet below pit bottom)
PBS	1-18-99	15:00	3	Composite of trench bottom, south end of pit (3.5 feet below pit bottom)
РВС	1-18-99	15:05	<1	Composite of the material forming the bottom and sides of the pit

COMMENTS:

Organic vapor readings were obtained using the headspace procedure as described in Guidelines for Remediation of Leaks, Spills, and Releases, New Mexico Oil Conservation Division, August 13, 1993.

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P. Welesley Kool

Signature of Analyst





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

ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: F. WESLEY ROOT 122 WEST TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

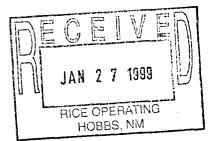
Receiving Date: 01/20/99 Reporting Date: 01/21/99 Project Owner: RICE OPERATING Project Name: SWD WELL F-29 Project Location: NW/4-29-T19S-R38E, LEA CO, NM Analysis Date: 01/20/99 Sampling Date: 01/18/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: AH Analyzed By: AH

LAB NUMBER

SAMPLE ID

CI_ (mg/L)

H4000-1	PBN	79
H4000-2	PBS	79
H4000-3	PBC	111
Quality Control		1315
True Value QC		1319
% Recovery		100
Relative Percent	t Difference	4.4
ETHOD: EPA 60	0/4-79-020	325.3



Date

## H4000-1.XLS

PLEASE NOTE: Liability 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 negligence 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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	ANALYSIS REQUEST																	Terms and Conditions: interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of costections, including attorney's flees.	No Additiona	ON D			
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ast Marland, Hobbs, NM 88240 393-2326 Fax (505) 393-2476		BILL TO P		ester	Address: 122 W	City: Hibbs	WN	Phone #: (505)393 - 7/74	Fax #: (505) 39	RES.	отнея : ACID: Отнея : Отнея : Д	1-18-39	66-81-1 1	4-8/-1 1				ed in contract or tort, shall be ilmited in writing and received by Cardinal v Merryctions, loss of use, or loss of p	a soon chim is cased upon any of		(Lab Staff)	on CHECKED BY: (Initials) s	
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† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

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

ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: F. WESLEY ROOT 122 WEST TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 01/20/99 Reporting Date: 01/21/99 Project Owner: RICE OPERATING Project Name: SWD WELL F-29 Project Location: NW/4-29-T19S-R38E, LEA CO, NM Analysis Date: 01/20/99 Sampling Date: 01/18/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: AH Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	
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TPH (mg/Kg)

H4000-1	PBN	59.9
H4000-2	PBS	30.7
H4000-3	PBC	30.2
	·····	
Quality Cont	rol	2667
True Value C	2C	3000
% Recovery		89
Relative Per	cent Difference	1.7

2 7 1999 IAN. RICE OPERATING HOBBS, NM

METHOD: EPA SW-846 8015

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H4000-2.XLS

PLEASE NOTE: Liability 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 negligence 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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

INAN D	ARDINAL LABORATORIES INC				CHAIN-OF-CU	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	JEST
	2111 Beechwood, Abilene, TX 79603	9603 101 East		Marland, Hobbs, NM 88240			
	(915) 673-7001 Fax (915) 673-7020			-2326 Fax (505) 393-2476		Pageof	
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Project Manager:	F. Wesker Root	•	BILL TO	PO #:		•	
Address: /22	West TAYLOR.	1	mpany:	Rice Operation			
City: Hanks	State: My Zip: らgこ40	40	Attn: F. WesLey Right	cy Rait			
(ci	-393-9174		Address: / 22	Address: 122 W. Truton			
Fax #: (505)	-397-1471		City: Habby				
Project #:	Project Owner: $K_{ICR}$ (	Operation		Zlp: 88240			
Project Name: G k	SWD WELL F-2.9		Phone #: <303	Phone #: (305)373 - 7174	2		
Project Location: NW/4	W/4-29-7195-R33E, LEA	Co. NM	Fax #: (505)	1641-68	V 5		
FOR LAB USE ONLY		ATRIX	PRES.	SAMPLING	G / C		
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LAB I.D.	Sample I.D.		00		Hd		
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	PBS C	<u>,</u>	>	-18-99 16:00	>		
Ύ-	PBC C	>	7	-18-99 15:05	7		
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service. In no event shaft Cardinal affiliates or successors arising out (	sentce. In no evert shall Cardnal be liable for incidential or consequential damages, incident without fimilation, business interruptions, bas of use, or loss of profile incurred by clear, its subsidiation and an account of the subsidiation of th	rout Emitation, business int Snai, regardess of whethe	erruptions, loss of use, or is r such claim is based upon	ose of profile incurred by client, any of the above stated reason	, its subsidiardes, ns or otherwise.	so usy pass one at the rate of 24% por annum from the original date of involce, and all costs of collections, including attorney's fees.	valce,
	ad: Date: 20-5/9	Received By:		Phone Result	sult 🗇 Yes 📋 No Additional Fax #:	ional Fax #:	
V. Wester	Kort Time: 10:05	<		REMARKS	3		
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Delivered By: (C	(Circle One)	Sample Condition	Ż	) BY			<u></u>
Sampler - UPS - Bu	Bus - Other:	Cobi Intact	(Initials)				
† Cardinal cann	+ Cardinal cannot accept verbal changes. Please fa	1 ÷	es to 915-673-7020	190			

Pt Verbal changes. Please fax written changes to 915-673-7020. 

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**RICE** Operating Company

From the desk of: Carolyn Doran Haynes

RÉCENED

JUL 0 1999

Dear Wayne,

Environmental Bureau Oil Conservation Division

also Enclosed is the packet g digiosal manifesto for F-29's closure plan submittal - I intended to include it with the certified letter marking of the plan, but later found it still mmy duck. Sorry. Please include it with the F-29 Plan sent 6-25-99.

Hope all is going well with the adjustment to Sante Fe living! It's so beautique three, what a place to live!

Carrey

S S		Services, * Eunice, NM 88			
		05) 394-2511		<u>Nº</u>	18473
LEASE OPERATOR/SHIPPER/	COMPANY:	Rice			
LEASE NAME: F-29	SWL	)		n	
TRANSPORTER COMPANY:	RAE	Trucking	ž	TIME:	AM/PM
DATE: 2-19-99 VEH	ICLE NO.:	# 38	DRIV	/ER NO.:	
CHARGE TO: RICE		-			
	TYPE C	F MATERIAL	-		
[ ] Production Water [ ] Tank Bottoms [ ] Other Material:	[ ] Drilling Flu [ ] Contamina [ ] BS&W Con	ated soil	[ ] [ ]	Completion Flu	ids
Description:		(10yd	a 6	ach fill	)
VOLUME OF MATERIAL [ ] BE	BLS	_: []Y/	ARD	2 yds	[]
HEREWITH IS MATERIAL EXEMPT FR AMENDED FROM TIME TO TIME, 40 U AND REGULATIONS RELATED THERE PRODUCED WATERS, AND OTHER WA PRODUCTION OF CRUDE OIL OR NAT ALSO AS A CONDITION TO SUNDAN THIS JOB TICKET, TRANSPORTER REF OPERATOR/SHIPPER TO TRANSPORTE FACILITY FOR DISPOSAL.	J.S.C. § 6901, et TO, BY VIRTU ASTE ASSOCIAT URAL GAS OR ICE SERVICES, PRESENTS AND	e seq., THE NM HEA E OF THE EXEMPTI TED WITH THE EXE GEOTHERMAL ENI INC.'S ACCEPTANC WARRANTS THAT	LTH ANI ON AFFO PLORATIO ERGY. CE OF TH ONLY TI	D SAF. CODE § 3 DRDED DRILLING DN, DEVELOPME HE MATERIALS S HE MATERIAL D	61.001, et seq., 5 FLUIDS, ENT OR SHIPPED WITH FELIVERED BY
THIS WILL CERTIFY that the ab Statement at the above described lo will certify that no additional mater without incident.	ocation, and th	hat it was tendere	d by the	above describe	ed shipper. This
DRIVER: <u>Boltory</u>	Fran	nco SM-1	/		 
	IATURA P			,	
White-Sundance Canary-Sundance Acct#1 Pink- Revised 12/27/95	Sundance Acct#2	Gold-Transporter			
·			Oil Cons	SECEN JUL 0: 199	9
				Dnmer, Servation Divisi	о Ол

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	Sundance Services, P.O. Box 1737 * Eunice, NM 84 (505) 394-2511	
LEASE OPERATOR/SH	IPPER/COMPANY: Rice	······································
LEASE NAME: F - Z	9-SWD	
TRANSPORTER COMP	ANY: RAE Trucking	TIME: AM/PI
DATE: 2 - 19 - 99	VEHICLE NO .: 1002	DRIVER NO.:
CHARGE TO: A; C E	· · · · · · · · · · · · · · · · · · ·	
	TYPE OF MATERIA	L.
[] Production Water [] Tank Bottoms [] Other Material:	[ ] Drilling Fluids [ ] Contaminated soil [ ] BS&W Content:	[ ] Completion Fluids [ ] C-117 No.:
Description: Oly	/	Oyor Bech fill
	ANCE SERVICES, INC.'S ACCEPTANCE O	
AS A CONDITION TO SUND JOB TICKET, OPERATOR/SHII HEREWITH IS MATERIAL EXI AMENDED FROM TIME TO TI AND REGULATIONS RELATED PRODUCED WATERS, AND O		F THE MATERIALS SHIPPED WITH THIS T THE WASTE MATERIAL SHIPPED TION AND RECOVERY ACT OF 1976, AS CALTH AND SAF. CODE § 361.001, et seq., TION AFFORDED DRILLING FLUIDS, KPLORATION, DEVELOPMENT OR
AS A CONDITION TO SUND JOB TICKET, OPERATOR/SHII HEREWITH IS MATERIAL EXI AMENDED FROM TIME TO TI AND REGULATIONS RELATEI PRODUCED WATERS, AND O' PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPOR	ANCE SERVICES, INC.'S ACCEPTANCE OI PPER REPRESENTS AND WARRANTS THA' EMPT FROM THE RESOURCE, CONSERVA IME, 40 U.S.C. § 6901, et seq., THE NM HE D THERETO, BY VIRTUE OF THE EXEMPT THER WASTE ASSOCIATED WITH THE EX OR NATURAL GAS OR GEOTHERMAL EN SUNDANCE SERVICES, INC.'S ACCEPTAN RTER REPRESENTS AND WARRANTS THAT	F THE MATERIALS SHIPPED WITH THIS T THE WASTE MATERIAL SHIPPED TION AND RECOVERY ACT OF 1976, AS CALTH AND SAF. CODE § 361.001, et seq., TION AFFORDED DRILLING FLUIDS, (PLORATION, DEVELOPMENT OR NERGY.
AS A CONDITION TO SUND JOB TICKET, OPERATOR/SHII HEREWITH IS MATERIAL EXI AMENDED FROM TIME TO TI AND REGULATIONS RELATED PRODUCED WATERS, AND O' PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPOR OPERATOR/SHIPPER TO TRAN FACILITY FOR DISPOSAL. THIS WILL CERTIFY tha Statement at the above desc will certify that no addition	ANCE SERVICES, INC.'S ACCEPTANCE OF PPER REPRESENTS AND WARRANTS THA' EMPT FROM THE RESOURCE, CONSERVA IME, 40 U.S.C. § 6901, et seq., THE NM HE D THERETO, BY VIRTUE OF THE EXEMPT THER WASTE ASSOCIATED WITH THE EX OR NATURAL GAS OR GEOTHERMAL EN SUNDANCE SERVICES, INC.'S ACCEPTAN ETER REPRESENTS AND WARRANTS THAT NSPORTER IS NOW DELIVERED BY TRAN	F THE MATERIALS SHIPPED WITH THIS T THE WASTE MATERIAL SHIPPED TION AND RECOVERY ACT OF 1976, AS ALTH AND SAF. CODE § 361.001, et seq., TION AFFORDED DRILLING FLUIDS, (PLORATION, DEVELOPMENT OR NERGY. NCE OF THE MATERIALS SHIPPED WITH T ONLY THE MATERIAL DELIVERED BY ISPORTER TO SUNDANCE SERVICES, INC.
AS A CONDITION TO SUND JOB TICKET, OPERATOR/SHII HEREWITH IS MATERIAL EXI AMENDED FROM TIME TO TI AND REGULATIONS RELATER PRODUCED WATERS, AND O' PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPOR OPERATOR/SHIPPER TO TRAN FACILITY FOR DISPOSAL. THIS WILL CERTIFY tha Statement at the above desc	ANCE SERVICES, INC.'S ACCEPTANCE OF PPER REPRESENTS AND WARRANTS THA' EMPT FROM THE RESOURCE, CONSERVA IME, 40 U.S.C. § 6901, et seq., THE NM HE D THERETO, BY VIRTUE OF THE EXEMPT THER WASTE ASSOCIATED WITH THE EX OR NATURAL GAS OR GEOTHERMAL EN SUNDANCE SERVICES, INC.'S ACCEPTAN EXTER REPRESENTS AND WARRANTS THAT NSPORTER IS NOW DELIVERED BY TRAN	F THE MATERIALS SHIPPED WITH THIS T THE WASTE MATERIAL SHIPPED TION AND RECOVERY ACT OF 1976, AS ALTH AND SAF. CODE § 361.001, et seq., TION AFFORDED DRILLING FLUIDS, (PLORATION, DEVELOPMENT OR NERGY. NCE OF THE MATERIALS SHIPPED WITH T ONLY THE MATERIAL DELIVERED BY ISPORTER TO SUNDANCE SERVICES, INC.
AS A CONDITION TO SUND JOB TICKET, OPERATOR/SHII HEREWITH IS MATERIAL EXI AMENDED FROM TIME TO TI AND REGULATIONS RELATED PRODUCED WATERS, AND O' PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPOR OPERATOR/SHIPPER TO TRAN FACILITY FOR DISPOSAL. THIS WILL CERTIFY tha Statement at the above desc will certify that no addition without incident.	ANCE SERVICES, INC.'S ACCEPTANCE OF PPER REPRESENTS AND WARRANTS THA' EMPT FROM THE RESOURCE, CONSERVA IME, 40 U.S.C. § 6901, et seq., THE NM HE D THERETO, BY VIRTUE OF THE EXEMPT THER WASTE ASSOCIATED WITH THE EX OR NATURAL GAS OR GEOTHERMAL EN SUNDANCE SERVICES, INC.'S ACCEPTAN EXTER REPRESENTS AND WARRANTS THAT NSPORTER IS NOW DELIVERED BY TRAN	F THE MATERIALS SHIPPED WITH THIS T THE WASTE MATERIAL SHIPPED TION AND RECOVERY ACT OF 1976, AS ALTH AND SAF. CODE § 361.001, et seq., TION AFFORDED DRILLING FLUIDS, (PLORATION, DEVELOPMENT OR NERGY. NCE OF THE MATERIALS SHIPPED WITH T ONLY THE MATERIAL DELIVERED BY ISPORTER TO SUNDANCE SERVICES, INC.

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	P.O. Box 1737 ★ Eunice, 1 (505) 394-2511	NM 88231	N⁰	18475
LEASE OPERATOR/SHIP	PER/COMPANY: Ric	٤		
LEASE NAME: F. 29				
TRANSPORTER COMPAN	Y: RZETYUCK;	49	TIME:	AM/PM
DATE: 2-19-99	VEHICLE NO .:	-	ER NO.:	
CHARGE TO: Rizε				
<u> </u>	TYPE OF MATE	RIAL	<u></u>	
<ol> <li>Production Water</li> <li>Tank Bottoms</li> <li>Other Material:</li> </ol>	[ ] Drilling Fluids [ ] Contaminated soil [ ] BS&W Content:	[]	Completion Fluids	° Z
Description: olly		De Har	Back	C.//
<u></u>		<u>a- j</u>		<u> </u>
AS A CONDITION TO SUNDAN OB TICKET, OPERATOR/SHIPPE HEREWITH IS MATERIAL EXEM	CE SERVICES, INC.'S ACCEPTAN R REPRESENTS AND WARRANTS PT FROM THE RESOURCE, CONSI	S THAT THE WAS ERVATION AND	ERIALS SHIPPED STE MATERIAL SH RECOVERY ACT (	HPPED OF 1976, AS
AS A CONDITION TO SUNDAN IOB TICKET, OPERATOR/SHIPPE HEREWITH IS MATERIAL EXEM AMENDED FROM TIME TO TIME AND REGULATIONS RELATED T PRODUCED WATERS, AND OTHI PRODUCTION OF CRUDE OIL OF ALSO AS A CONDITION TO SU FHIS JOB TICKET, TRANSPORTE DPERATOR/SHIPPER TO TRANSF FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th	CE SERVICES, INC.'S ACCEPTAN R REPRESENTS AND WARRANTS PT FROM THE RESOURCE, CONSI 5, 40 U.S.C. § 6901, et seq., THE N. 'HERETO, BY VIRTUE OF THE EX ER WASTE ASSOCIATED WITH TH R NATURAL GAS OR GEOTHERMA NDANCE SERVICES, INC.'S ACCE R REPRESENTS AND WARRANTS PORTER IS NOW DELIVERED BY ' the above Transporter loaded th	ACE OF THE MAT S THAT THE WAS ERVATION AND IM HEALTH AND KEMPTION AFFOI HE EXPLORATION AL ENERGY. EPTANCE OF THI S THAT ONLY TH TRANSPORTER T he material repu	TERIALS SHIPPED STE MATERIAL SH RECOVERY ACT O SAF. CODE § 361 RDED DRILLING F N, DEVELOPMENT E MATERIALS SHI TE MATERIAL DEL TO SUNDANCE SET resented by this	WITH THIS HIPPED OF 1976, AS .001, et seq., FLUIDS, T OR PPED WITH .IVERED BY RVICES, INC.'S Transporter
IOB TICKET, OPERATOR/SHIPPE HEREWITH IS MATERIAL EXEM AMENDED FROM TIME TO TIME AND REGULATIONS RELATED T PRODUCED WATERS, AND OTH PRODUCTION OF CRUDE OIL OF ALSO AS A CONDITION TO SU THIS JOB TICKET, TRANSPORTE OPERATOR/SHIPPER TO TRANSF FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th Statement at the above describ	CE SERVICES, INC.'S ACCEPTAN R REPRESENTS AND WARRANTS PT FROM THE RESOURCE, CONSI 5, 40 U.S.C. § 6901, et seq., THE N HERETO, BY VIRTUE OF THE EX ER WASTE ASSOCIATED WITH TH NATURAL GAS OR GEOTHERMA NDANCE SERVICES, INC.'S ACCE R REPRESENTS AND WARRANTS PORTER IS NOW DELIVERED BY	CE OF THE MAT S THAT THE WAS ERVATION AND M HEALTH AND KEMPTION AFFOI HE EXPLORATION AL ENERGY. EPTANCE OF THI THAT ONLY TH TRANSPORTER T he material repr endered by the d	TERIALS SHIPPED STE MATERIAL SH RECOVERY ACT ( SAF. CODE § 361 RDED DRILLING F N, DEVELOPMENT E MATERIALS SHI TE MATERIAL DEL TO SUNDANCE SE resented by this above described	WITH THIS HIPPED OF 1976, AS .001, et seq., FLUIDS, T OR PPED WITH LIVERED BY RVICES, INC.'S Transporter shipper. This

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	(505) 394-2511		<u>° 184</u>
LEASE OPERATOR/SHIPP		£	
LEASE NAME:	29 SW1		
TRANSPORTER COMPANY		Uiroxento TIME:	AM/
DATE: 2-19-99	VEHICLE NO# 38	DRIVER NO.:	
CHARGE TO: Ric	E	-	
	TYPE OF MATER	IAL	<u> </u>
[] Production Water [] Tank Bottoms [] Other Material:	[ ] Drilling Fluids	[ ] Completion F [ ] C-117 No.:	
Description: <u>oily</u> a		10yds B.	achfil
		,	<i>D</i>
VOLUME OF MATERIAL [	] BBLS : [ ]	YARD 10 :	[]
JOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMP	CE SERVICES, INC.'S ACCEPTANCE R REPRESENTS AND WARRANTS T T FROM THE RESOURCE, CONSER , 40 U.S.C. § 6901, et seq., THE NM	HAT THE WASTE MATERIA VATION AND RECOVERY A	L SHIPPED ACT OF 1976, AS
JOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHE PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SUM THIS JOB TICKET, TRANSPORTER	R REPRESENTS AND WARRANTS T T FROM THE RESOURCE, CONSER	HAT THE WASTE MATERIA VATION AND RECOVERY A HEALTH AND SAF. CODE § MPTION AFFORDED DRILLI EXPLORATION, DEVELOPM ENERGY. FANCE OF THE MATERIALS HAT ONLY THE MATERIAL	L SHIPPED ACT OF 1976, AS 361.001, et seq. NG FLUIDS, MENT OR S SHIPPED WITH DELIVERED BY
JOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHE PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SUN THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above described	R REPRESENTS AND WARRANTS TO T FROM THE RESOURCE, CONSER , 40 U.S.C. § 6901, et seq., THE NM HERETO, BY VIRTUE OF THE EXEM R WASTE ASSOCIATED WITH THE NATURAL GAS OR GEOTHERMAL DANCE SERVICES, INC.'S ACCEPT R REPRESENTS AND WARRANTS TO	HAT THE WASTE MATERIA VATION AND RECOVERY A HEALTH AND SAF. CODE § MPTION AFFORDED DRILLI EXPLORATION, DEVELOPM ENERGY. FANCE OF THE MATERIALS HAT ONLY THE MATERIAL ANSPORTER TO SUNDANCE material represented by the dered by the above descri	L SHIPPED ACT OF 1976, AS 361.001, et seq. NG FLUIDS, MENT OR S SHIPPED WITH DELIVERED BY E SERVICES, IN- this Transporte bed shipper. T
JOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHE PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SUN THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above describe will certify that no additional m without incident. DRIVER:	R REPRESENTS AND WARRANTS TI T FROM THE RESOURCE, CONSER , 40 U.S.C. § 6901, et seq., THE NM HERETO, BY VIRTUE OF THE EXEM R WASTE ASSOCIATED WITH THE NATURAL GAS OR GEOTHERMAL NDANCE SERVICES, INC.'S ACCEPT REPRESENTS AND WARRANTS TH ORTER IS NOW DELIVERED BY TR e above Transporter loaded the ed location, and that it was tend	HAT THE WASTE MATERIA VATION AND RECOVERY A HEALTH AND SAF. CODE § MPTION AFFORDED DRILLI EXPLORATION, DEVELOPM ENERGY. FANCE OF THE MATERIALS HAT ONLY THE MATERIAL ANSPORTER TO SUNDANCE material represented by the dered by the above descri	L SHIPPED ACT OF 1976, AS 361.001, et seq. NG FLUIDS, MENT OR S SHIPPED WITH DELIVERED BY E SERVICES, IN this Transported bed shipper. T

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	ER/COMPANY: RICE		
LEASE NAME:	29- 2000		
RANSPORTER COMPAN		. TIME:	AM/PM
DATE: 2-19-99	VEHICLE NO .: # #000	DRIVER NO.:	
CHARGE TO:	νε		
	TYPE OF MATERIAL		•
<ul> <li>[] Production Water</li> <li>[] Tank Bottoms</li> <li>[] Other Material:</li> <li>Description:</li></ul>	[ ] Drilling Fluids Contaminated soil [ ] BS&W Content:	[] Completion Fluids [] C-117 No.: 10yds Backd	lill
IOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMP	CE SERVICES, INC.'S ACCEPTANCE OF T R REPRESENTS AND WARRANTS THAT T T FROM THE RESOURCE, CONSERVATION	HE MATERIALS SHIPPED WI THE WASTE MATERIAL SHIP	ITH THIS PED 1976, AS
		TH AND SAF CODE \$ 361.00	11 et seo
AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHE PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SUM THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO	, 40 U.S.C. § 6901, et seq., THE NM HEAL HERETO, BY VIRTUE OF THE EXEMPTIO R WASTE ASSOCIATED WITH THE EXPL NATURAL GAS OR GEOTHERMAL ENER VDANCE SERVICES, INC.'S ACCEPTANCI & REPRESENTS AND WARRANTS THAT C ORTER IS NOW DELIVERED BY TRANSPO	ORATION, DEVELOPMENT ( CGY. E OF THE MATERIALS SHIPP ONLY THE MATERIAL DELIV	JIDS, DR PED WITH PERED BY
AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHE PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SUN THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th Statement at the above describe	HERETO, BY VIRTUE OF THE EXEMPTIO R WASTE ASSOCIATED WITH THE EXPL NATURAL GAS OR GEOTHERMAL ENER NDANCE SERVICES, INC.'S ACCEPTANCI R REPRESENTS AND WARRANTS THAT C	N AFFORDED DRILLING FLU ORATION, DEVELOPMENT ( OGY. E OF THE MATERIALS SHIPP ONLY THE MATERIAL DELIV ORTER TO SUNDANCE SERV rial represented by this Tr by the above described sh	UIDS, DR PED WITH PERED BY PICES, INC.'S ansporter hipper. This

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Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 Nº 18481
LEASE OPERATOR/SHIPPER/COMPANY: Rice
LEASE NAME: F-29 SWD
TRANSPORTER COMPANY: R+E Trucking TIME: AM/PM
DATE: 2-19-99 VEHICLE NO .: # 1002 DRIVER NO .:
CHARGE TO: Rice
TYPE OF MATERIAL
[] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       I Contaminated soli       [] C-117 No.:         [] Other Material:       [] BS&W Content:       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Description: Ollyding 104ds Bachfill
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: Autor D. Farris
FACILITY REPRESENTATIVE: (SIGNATURE)
White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter Revised 12/27/95

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	P.O. Box 1737 ★ Eunice, NM 88 (505) 394-2511	⁸²³¹ N 2	18483
LEASE OPERATOR/SH	IPPER/COMPANY: Rice		·
LEASE NAME:	F-29 5WD	· •••	
TRANSPORTER COMP.		TIME:	AM/PM
DATE: 2-19-99	VEHICLE NO .: 106	DRIVER NO .:	
CHARGE TO: Ric	E		
	TYPE OF MATERIA	L	
[] Production Water [] Tank Bottoms [] Other Material:	[ ] Drilling Fluids [/ <del>]</del> Contaminated soil [ ] BS&W Content:	[ ] Completion Fluid	
Description: <u>Dily D</u>	int	20 yds Bac	k fil
	L [ ] BBLS: [1]Y DANCE SERVICES, INC.'S ACCEPTANCE OF PPER REPRESENTS AND WARRANTS THAT		
AS A CONDITION TO SUNE JOB TICKET, OPERATOR/SHI HEREWITH IS MATERIAL EX AMENDED FROM TIME TO T AND REGULATIONS RELATE PRODUCED WATERS, AND O PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPOR OPERATOR/SHIPPER TO TRA FACILITY FOR DISPOSAL. THIS WILL CERTIFY tha Statement at the above desi	DANCE SERVICES, INC.'S ACCEPTANCE OF	F THE MATERIALS SHIPPED T THE WASTE MATERIAL S TION AND RECOVERY ACT ALTH AND SAF. CODE § 36 FION AFFORDED DRILLING PENDRATION, DEVELOPMEN HERGY. ACE OF THE MATERIALS SH T ONLY THE MATERIAL DE SPORTER TO SUNDANCE SH Interial represented by this ed by the above described	HIPPED OF 1976, AS 1.001, et seq., FLUIDS, NT OR HIPPED WITH LIVERED BY ERVICES, INC.'S Transporter d shipper. This

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	Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511	€ Nº	18485
LEASE OPERATOR/SHIPPI	ER/COMPANY: RICE		
LEASE NAME: F 2	9 - SWD		
RANSPORTER COMPANY	: R.E Trucking	TIME:	AM/PM
DATE: 2 - 19 - 59 V		VER NO.:	
CHARGE TO: Ric			<u></u>
	TYPE OF MATERIAL		<u>.</u>
<ul> <li>[ ] Production Water</li> <li>[ ] Tank Bottoms</li> <li>[ ] Other Material:</li> <li>Description:</li></ul>	[] BS&W Content:	] Completion Fluids ] C-117 No.:	
	BBLS. [] YARD: [] YARD E SERVICES, INC.'S ACCEPTANCE OF THE M REPRESENTS AND WARRANTS THAT THE W	ATERIALS SHIPPED	
HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHER	FROM THE RESOURCE, CONSERVATION AN 40 U.S.C. § 6901, et seq., THE NM HEALTH AN ERETO, BY VIRTUE OF THE EXEMPTION AFF WASTE ASSOCIATED WITH THE EXPLORAT NATURAL GAS OR GEOTHERMAL ENERGY.	D RECOVERY ACT ( ID SAF. CODE § 361 ORDED DRILLING F	OF 1976, AS .001, et seq., FLUIDS,
THIS JOB TICKET, TRANSPORTER	DANCE SERVICES, INC.'S ACCEPTANCE OF T REPRESENTS AND WARRANTS THAT ONLY ' RTER IS NOW DELIVERED BY TRANSPORTER	THE MATERIAL DEL	IVERED BY
Statement at the above describe	above Transporter loaded the material re d location, and that it was tendered by th aterials were added to this load, and that	e above described	shipper. This
	or 3 France		
	N Correst Strating		

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LEASE OPERATOR/SHIPPER/COMPANY:       KICE         LEASE NAME:       F 29 SwD         TRANSPORTER COMPANY:       R+E Trucki'g         TIME:       AM/PM         DATE:       2-19 99         VEHICLE NO.:       # 1000         CHARGE TO:       Rice         TYPE OF MATERIAL         [] Production Water       [] Drilling Fluids         [] Tank Bottoms       [] Completion Fluids         [] Tank Bottoms       [] BS&W Content:         Description:       Digged         WOLUME OF MATERIAL [] BBLS.       :         [] YARD       D:         AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS         NOB 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.'S 6001, et seq., THE NM HEALTH AND SAF. CODE § 36101, et seq., THE NM HEALTH AND SAF. COPE § 36101, et seq., THE NM HEALTH AND SAF. COPE § 36101, et seq., THE MA HEALTH AND SAF. COPE § 36101, et seq., THE MA HEALTH AND SAF. COPE § 36101, et seq., THE MA HEALTH AND SAF. COPE § 36101, et seq., THE MA HEALTH AND SAF. COPE § 36101, et seq., THE MA HEALTH AND SAF. COPE § 36101, et seq., THE MA HEALTH AND SAF. COPE § 36101, et seq., THE MA HEALTH AND SAF. COPE § 36101, et seq., THE MA HEALTH AND SAF. COPE § 36101, et seq., THE MA HEALTH AND SAF. COPE § 36101, et seq., THE MA HEALTH AND S
TRANSPORTER COMPANY:       R E Trucki'g       TIME:       AM/PM         DATE:       2-19 99       VEHICLE NO.:       # 1000       DRIVER NO.:         CHARGE TO:       Rice         TYPE OF MATERIAL         (1) Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       ITContaminated soil       [] C-117 No.:       [] C-117 No.:         [] Other Material:       [] ES&W Content:       Dydds       Dydds         Description:       Myddiadd       Dydds       Dydds         //OLUME OF MATERIAL [] BBLS.         I ] YARD         As a CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS OB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED WITH THIS OB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED WITH THIS OB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED WITH THIS OB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED WITH THIS OB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED WITH THIS OB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED WITH THIS OB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED WITH THIS OB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED WITH THIS OB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THA
DATE: 2-19-99 VEHICLE NO.: # 1000 DRIVER NO.: CHARGE TO: Rice TYPE OF MATERIAL ] Production Water [] Drilling Fluids [] Completion Fluids [] Completion Fluids [] C-117 No.: ] Other Material: ] Other Material: Description: Duy data /OLUME OF MATERIAL [] BBLS. [] Completion Fluids [] C-117 No.: ] Other Material: Description: Duy data /OLUME OF MATERIAL [] BBLS. [] [] YARD [] As a CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS OB 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 MENDED FROM TIME TO TIME, 40 U.S.C. § 601, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS,
CHARGE TO:       Cice         TYPE OF MATERIAL         I production Water         ] Production Water       [] Drilling Fluids       [] Completion Fluids         ] Tank Bottoms       [] Contaminated soil       [] C-117 No.:         ] Other Material:       [] BS&W Content:       [] C-117 No.:         Description:
TYPE OF MATERIAL         [] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] C-117 No.:         [] Other Material:       [] B\$&W Content:       [] C-117 No.:         [] Other Material:       [] B\$&W Content:       [] C-117 No.:         Description:       Output       Output       Output         /OLUME OF MATERIAL [] BBLS.       :       [] YARD       :       []         As a CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS OB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED EXERUITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS IMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., ND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILL'ING FLUIDS,
[] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] C-117 No.:         [] Other Material:       [] BS&W Content:       [] C-117 No.:         Description:       Outdot       Dudds       Daddhill         //OLUME OF MATERIAL [] BBLS.       :       [] YARDO_:       []         AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS OB 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 DRILL'ING FLUIDS,
[] Tank Bottoms       [] Contaminated soil       [] C-117 No.:         [] Other Material:       [] BS&W Content:       [] C-117 No.:         Description:       Ouds       Backfill         VOLUME OF MATERIAL [] BBLS.       [] YARD       Image: [] YARD         AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS         OB 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 DRILL'ING FLUIDS,
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS OB 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 DRILL'ING FLUIDS,
RODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR RODUCTION 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 AS A CONDITION TO SUNDANCE SERVICES, INC. SACCEPTANCE OF THE MATERIALS SHIFFED 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: $\int OSE \ L - GAYTAN$
(SIGNATURE) FACILITY REPRESENTATIVE:

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	(505) 394-2511	<u>Nº</u>	18487
	9-500		<u> </u>
RANSPORTER COMPANY		TIME:	AM/PM
DATE: 2-19-89 1	VEHICLE NO .: # 1002	DRIVER NO.:	
CHARGE TO: R.CE	- 		
	TYPE OF MATERIA	L	<u> </u>
[] Production Water [] Tank Bottoms [] Other Material: Description:	[ ] Drilling Fluids Contaminated soil [ ] BS&W Content:	[ ] Completion Fluids [ ] C-117 No.:	
		10 yds Back	fil
OLUME OF MATERIAL [	] BBLS : [] Y	ARD 10 :	]
AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHEI PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SUN THIS JOB TICKET, TRANSPORTER	T FROM THE RESOURCE, CONSERVA 40 U.S.C. § 6901, et seq., THE NM HE HERETO, BY VIRTUE OF THE EXEMPT R WASTE ASSOCIATED WITH THE EX NATURAL GAS OR GEOTHERMAL EN IDANCE SERVICES, INC.'S ACCEPTAN REPRESENTS AND WARRANTS THA DRTER IS NOW DELIVERED BY TRAN	ALTH AND SAF. CODE § 361 FION AFFORDED DRILLING F EPLORATION, DEVELOPMEN VERGY. NCE OF THE MATERIALS SHI F ONLY THE MATERIAL DEI	001, et seq., ELUIDS, Γ OR PPED WITH IVERED BY
Statement at the above describe	e above Transporter loaded the ma ed location, and that it was tender naterials were added to this load, / 17114	ed by the above described	shipper. This
DRIVER: Hartan D, Fan			

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	ER/COMPANY: Rice		
LEASE NAME: F-2	9 SWD		
TRANSPORTER COMPANY	<u>^</u>	TIME:	AM/PM
DATE: 2-19-99 V	EHICLE NO .: 106	DRIVER NO.:	
CHARGE TO: Rice			
	TYPE OF MATERIA	L	
[] Production Water [] Tank Bottoms [] Other Material: Description: <u>oity</u> Dirt	[ ] Drilling Fluids [-] Contaminated soil [ ] BS&W Content:	[] Completion Flui [] C-117 No.:	
		<u> </u>	
VOLUME OF MATERIAL [ ]	BBLS : [4] Y	ARD 20 :	[]
AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TH	FROM THE RESOURCE, CONSERVAN 40 U.S.C. § 6901, et seg., THE NM HEA ERETO, BY VIRTUE OF THE EXEMPT	ALTH AND SAF. CODE § 36 TON AFFORDED DRILLING	OF 1976, AS 51.001, et seq., FLUIDS,
AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED THI PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR M ALSO AS A CONDITION TO SUNI THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPOR FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above described	FROM THE RESOURCE, CONSERVAT 40 U.S.C. § 6901, et seq., THE NM HEA	TION AND RECOVERY ACT ALTH AND SAF. CODE § 36 TON AFFORDED DRILLING PLORATION, DEVELOPME ERGY. TCE OF THE MATERIALS SI CONLY THE MATERIAL DI SPORTER TO SUNDANCE S terial represented by this ed by the above described	TOF 1976, AS 51.001, et seq., FLUIDS, NT OR HIPPED WITH ELIVERED BY ERVICES, INC.'S S Transporter d shipper. This
AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED THI PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR M ALSO AS A CONDITION TO SUNI THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPOR FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above described will certify that no additional mage	FROM THE RESOURCE, CONSERVAN 40 U.S.C. § 6901, et seq., THE NM HEA ERETO, BY VIRTUE OF THE EXEMPT WASTE ASSOCIATED WITH THE EXI NATURAL GAS OR GEOTHERMAL EN DANCE SERVICES, INC.'S ACCEPTAN REPRESENTS AND WARRANTS THAT RTER IS NOW DELIVERED BY TRANS above Transporter loaded the main d location, and that it was tendered	TION AND RECOVERY ACT ALTH AND SAF. CODE § 36 TON AFFORDED DRILLING PLORATION, DEVELOPME ERGY. TCE OF THE MATERIALS SI CONLY THE MATERIAL DI SPORTER TO SUNDANCE S terial represented by this ed by the above described	TOF 1976, AS 51.001, et seq., FLUIDS, NT OR HIPPED WITH ELIVERED BY ERVICES, INC.'S S Transporter d shipper. This

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	Sundance Services, In P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511	<u>№</u>	18490
LEASE OPERATOR/SHIPP	PER/COMPANY: Rice		
LEASE NAME: F	-29 SWD		
TRANSPORTER COMPAN		TIME:	AM/PM
DATE: 2-19-99	<b>S</b>	DRIVER NO.:	
CHARGE TO: RICE			
······································	TYPE OF MATERIAL		<u>.</u>
[ ] Production Water [ ] Tank Bottoms [ ] Other Material:	[ ] Drilling Fluids [ ] Contaminated soil [ ] BS&W Content:	[] Completion Fluids [] C-117 No.:	0
Description: <u>e, Ly Din</u>	<u>+</u>	yards Backf.	ill
JOB TICKET, OPERATOR/SHIPPE HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME AND REGULATIONS RELATED TI PRODUCED WATERS, AND OTHE	CE SERVICES, INC.'S ACCEPTANCE OF TH R REPRESENTS AND WARRANTS THAT TH PT FROM THE RESOURCE, CONSERVATION , 40 U.S.C. § 6901, et seq., THE NM HEALTI HERETO, BY VIRTUE OF THE EXEMPTION	E MATERIALS SHIPPED V E WASTE MATERIAL SH AND RECOVERY ACT C I AND SAF. CODE § 361. AFFORDED DRILLING F	IPPED DF 1976, AS 001, et seq., LUIDS,
	NATURAL GAS OR GEOTHERMAL ENERG	Υ.	
ALSO AS A CONDITION TO SUI THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSP		Y. DF THE MATERIALS SHIF LY THE MATERIAL DEL:	VERED BY
ALSO AS A CONDITION TO SUI THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSP FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th Statement at the above describ will certify that no additional to without incident. DRIVER: $\overline{SOSE}$	NATURAL GAS OR GEOTHERMAL ENERG NDANCE SERVICES, INC.'S ACCEPTANCE ( R REPRESENTS AND WARRANTS THAT ON	Y. DF THE MATERIALS SHII LY THE MATERIAL DEL TER TO SUNDANCE SER al represented by this T the above described	VERED BY VICES, INC.'S Fransporter shipper. This
ALSO AS A CONDITION TO SUI THIS JOB TICKET, TRANSPORTEN OPERATOR/SHIPPER TO TRANSP FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th Statement at the above describ will certify that no additional to without incident.	NATURAL GAS OR GEOTHERMAL ENERG NDANCE SERVICES, INC.'S ACCEPTANCE ( REPRESENTS AND WARRANTS THAT ON ORTER IS NOW DELIVERED BY TRANSPOR the above Transporter loaded the materia ed location, and that it was tendered by materials were added to this load, and	Y. DF THE MATERIALS SHII LY THE MATERIAL DEL TER TO SUNDANCE SER al represented by this T the above described	VERED BY VICES, INC.'S Fransporter shipper. This

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LEASE OPERATOR/SHIPPER/COMPANY: $M_i \leq \xi$ LEASE NAME: $F - 29$ SWD TRANSPORTER COMPANY: $M/E$ $T_{MCK}$ TIME: DATE: $2 - 19 - 99$ VEHICLE NO.: $38$ DRIVER NO.: CHARGE TO: $M_i \leq \xi$ TYPE OF MATERIAL [] Production Water [] Tank Bottoms [] Other Material: [] Other Material: [] Other Material: [] Other Material: [] Other Material: [] Other Material: [] Description: 10  yAId Backd VOLUME OF MATERIAL [] BBLS. 10  yAId Backd VOLUME OF MATERIAL [] BBLS. 10  yAId Backd VOLUME OF MATERIAL [] BBLS. 10  yAId Backd 10  yAId Backd Not compared to the services, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH 100 TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED WITH HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 197 AME NOBED FROM TIME TO TIME, 40 U.S.C. § 6001, et seq. THE IM HEALTH AND SAF. CODE § 361.001, et HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 197 AME NOBED FROM TIME TO TIME, 40 U.S.C. § 6001, et seq. THE NM HEALTH AND SAF. CODE § 361.001, et HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 197 AME NOBLETION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL SHIPPED THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT THE 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 THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERE OPERATOR/SHIPPER TO TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERE OPERATOR/SHIPPER TO TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERE OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL DELIVERED OPERATOR/SHIPPER TO TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERE OPERATOR/SHIPPER TO TRANS		Sundance Services, In P.O. Box 1737 ★ Eunice, NM 88231 (505) 394-2511		184
TRANSPORTER COMPANY: R/E TYUCKING       TIME:         DATE: 2 - 19 - 99 VEHICLE NO.: 38 DRIVER NO.:         CHARGE TO: R; C          TYPE OF MATERIAL         (I) Production Water         [] Production Water       [] Drilling Fluids         [] Tank Bottoms       [] Completion Fluids         [] Tank Bottoms       [] Completion Fluids         [] Other Material:       [] Drilling Fluids         [] Other Material:       [] BS&W Content:         Description:         I O YAI & Back J         VOLUME OF MATERIAL [] BBLS.         (] YARD         X (] YARD	LEASE OPERATOR/SHIPP	ER/COMPANY: A ZE		
DATE: 2 - 19 - 99 VEHICLE NO.: 38 DRIVER NO.:         CHARGE TO: R, C E         TYPE OF MATERIAL         [] Production Water         [] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] Completion Fluids         [] Other Material:       [] Contaminated soil       [] Completion Fluids         [] Other Material:       [] BB&W Content:       [] O yAIJ Backy         Description:         [] VARD D:       [] []         AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL SHIPPED WITH 1005 TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED WITH 1005 TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED WITH 1005 TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT ON AP RECOVERY ACT OF 197         AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL SHIPPED WITH 1005 TICKET, TRANSPORTER TO, DY 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 MATERIAL DELIVERE DEPERATOR/SHIPPER TO TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERE FACILITY FOR DISPOSAL.         THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporeaction of additional materials	LEASE NAME: F-2	9 SWD	· · · · · · · · · · · · · · · · · · ·	<u> </u>
DATE: 2 - 19 - 99 VEHICLE NO.: 38       DRIVER NO.:         CHARGE TO: A; C        TYPE OF MATERIAL         [] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] Completion Fluids         [] Other Material:       [] Drilling Fluids       [] Completion Fluids         [] Other Material:       [] BS&W Content:       [] Other Material:         Description:	TRANSPORTER COMPANY	1: RIE TYUCKING	TIME:	A
TYPE OF MATERIAL         [] Production Water       [] Drilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] Conterninated soil       [] Conterninated soil         [] Other Material:       [] BS&W Content:		-	DRIVER NO .:	
[] Production Water       [] Orlilling Fluids       [] Completion Fluids         [] Tank Bottoms       [] Contaminated soil       [] C.117 No.:       [] C.117 No.:         [] Other Material:       [] BS&W Content:	CHARGE TO: R; CE	-		
[] Other Material:       [] BS&W Content:         Description:		TYPE OF MATERIAL		
VOLUME OF MATERIAL [] BBLS: [] YARD: [] AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 197. AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR 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 THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERE OPERATOR/SHIPPER TO TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERE OPERATOR/SHIPPER TO TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERE OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICE: FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transp. Statement at the above described location, and that it was tendered by the above described shipp. will certify that no additional materials were added to this load, and that the material was delive without incident. DRIVER:	[] Tank Bottoms	[ ]/Contaminated soil	[] Completion Fluid [A C-117 No.:	\$13
VOLUME OF MATERIAL [] BBLS: [] YARD: []         AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 197. AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et 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 THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERE OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES FACILITY FOR DISPOSAL.         THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transportane to this load, and that the material was delive without incident.         DRIVER:	Description:		15.110	61
AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 197. AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCED OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERE OPERATOR/SHIPPER TO TRANSPORTER RIS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICE: FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transp Statement at the above described location, and that it was tendered by the above described shipped will certify that no additional materials were added to this load, and that the material was delive without incident. DRIVER: (SIGNATURE) FACILITY FORPRESENTATIVE:		/	UYAIA Ba	en fi
OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transp Statement at the above described location, and that it was tendered by the above described shippowill certify that no additional materials were added to this load, and that the material was delive without incident. DRIVER:	AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHE	ERETO, BY VIRTUE OF THE EXEMPTION R WASTE ASSOCIATED WITH THE EXPLO	NAFFORDED DRILLING DRATION, DEVELOPMEN	
Statement at the above described location, and that it was tendered by the above described shipped will certify that no additional materials were added to this load, and that the material was delive without incident.  DRIVER: Solve of the tender of the tender of the tender of the tender of tende		IDANCE SERVICES, INC.'S ACCEPTANCE	OF THE MATERIALS SH	T OR IPPED W
(SIGNATURE) FACILITY REPRESENTATIVE: Donald Deschur	THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO	IDANCE SERVICES, INC.'S ACCEPTANCE REPRESENTS AND WARRANTS THAT O	OF THE MATERIALS SH NLY THE MATERIAL DE	T OR IPPED W LIVERED
	THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPORTER FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above describe will certify that no additional re	IDANCE SERVICES, INC.'S ACCEPTANCE REPRESENTS AND WARRANTS THAT OF ORTER IS NOW DELIVERED BY TRANSPO e above Transporter loaded the mater ed location, and that it was tendered b	OF THE MATERIALS SH NLY THE MATERIAL DE RTER TO SUNDANCE SE ial represented by this by the above described	IT OR IPPED W LIVERED ERVICES, Transpo shipper
	THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPORTER FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above describe will certify that no additional re without incident.	IDANCE SERVICES, INC.'S ACCEPTANCE REPRESENTS AND WARRANTS THAT OF ORTER IS NOW DELIVERED BY TRANSPO e above Transporter loaded the mater ed location, and that it was tendered b	OF THE MATERIALS SH NLY THE MATERIAL DE RTER TO SUNDANCE SE ial represented by this by the above described	IT OR IPPED W LIVERED ERVICES, Transpo shipper

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	Sundance Services, P.O. Box 1737 * Eunice, NM 8 (505) 394-2511	5 PA 4	1849
LEASE OPERATOR/SHIPP	PER/COMPANY: RICE		
LEASE NAME: F-29	'SWD		
	Y: AFE Trucking	TIME:	AM/P
	VEHICLE NO .: 1002	DRIVER NO.:	
CHARGE TO: R, CE			
	TYPE OF MATERIA	 \L	·
[] Production Water [] Tank Bottoms [] Other Material:	<ul> <li>[ ] Drilling Fluids</li> <li>[ ) Contaminated soil</li> <li>[ ] BS&amp;W Content:</li> </ul>	[ ] Completion Flui [りC-117 No.:/	ds, Y
Description: Oily Di	Ž	10 1	- 11
		you Back for	
HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHE	R REPRESENTS AND WARRANTS THA PT FROM THE RESOURCE, CONSERVA , 40 U.S.C. § 6901, et seq., THE NM HE HERETO, BY VIRTUE OF THE EXEMP R WASTE ASSOCIATED WITH THE EX NATURAL GAS OR GEOTHERMAL EN	ATION AND RECOVERY ACT EALTH AND SAF. CODE § 36 TION AFFORDED DRILLING KPLORATION, DEVELOPMEN	OF 1976, AS 51.001, et seq., FLUIDS,
	NDANCE SERVICES, INC.'S ACCEPTAI	NCE OF THE MATERIALS SI	
OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL.	REPRESENTS AND WARRANTS THA ORTER IS NOW DELIVERED BY TRAN		ELIVERED BY
FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th Statement at the above describe will certify that no additional r		NSPORTER TO SUNDANCE S aterial represented by this red by the above described	ELIVERED BY ERVICES, INC Transporter d shipper. Th
FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th Statement at the above describe	ORTER IS NOW DELIVERED BY TRAN e above Transporter loaded the ma ed location, and that it was tender	NSPORTER TO SUNDANCE S aterial represented by this red by the above described	ELIVERED BY ERVICES, INC Transporter d shipper. Th
FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th Statement at the above describe will certify that no additional r without incident. DRIVER: WILL OF TOTAL (SIGNATURE) FACILITY REPRESENTATIVE:	ORTER IS NOW DELIVERED BY TRAN e above Transporter loaded the ma ed location, and that it was tender	NSPORTER TO SUNDANCE S aterial represented by this red by the above described	ELIVERED BY ERVICES, INC Transporter d shipper. Ti

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	Sundance Services, P.O. Box 1737 * Eunice, NM 88		
	(505) 394-2511	<u>Nº</u>	1849
LEASE OPERATOR/SH	HIPPER/COMPANY: A,'CE	́ т	
LEASE NAME: F-2	29 5WD		
TRANSPORTER COMP	ANY: Ade Trucking	TIME:	AM/P
	VEHICLE NO.:/000	DRIVER NO.:	·
CHARGE TO: Aic	ε		
	TYPE OF MATERIAI		
[] Production Water [] Tank Bottoms [] Other Material:	[ ] Drilling Fluids [ )} Contaminated soll [ ] BS&W Content:	[ ] Completion Fluid [ ] C-117 No.:/-	ls
Description: <u>aily E</u>	Pint	10 your Back	fill
			r 1
AS A CONDITION TO SUNI JOB TICKET, OPERATOR/SHI HEREWITH IS MATERIAL EX AMENDED FROM TIME TO 1	DANCE SERVICES, INC.'S ACCEPTANCE OF IPPER REPRESENTS AND WARRANTS THAT EMPT FROM THE RESOURCE, CONSERVAT TIME, 40 U.S.C. § 6901, et seq., THE NM HEA	THE MATERIALS SHIPPED THE WASTE MATERIAL SI TON AND RECOVERY ACT ALTH AND SAF. CODE § 361	HIPPED OF 1976, AS 1.001, et seq.,
AS A CONDITION TO SUNE JOB TICKET, OPERATOR/SHI HEREWITH IS MATERIAL EX AMENDED FROM TIME TO T AND REGULATIONS RELATE PRODUCED WATERS, AND C PRODUCTION OF CRUDE OII ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPOL	DANCE SERVICES, INC.'S ACCEPTANCE OF IPPER REPRESENTS AND WARRANTS THAT EMPT FROM THE RESOURCE, CONSERVAT	THE MATERIALS SHIPPED THE WASTE MATERIAL SI TON AND RECOVERY ACT ALTH AND SAF. CODE § 361 ION AFFORDED DRILLING PLORATION, DEVELOPMEN ERGY. CE OF THE MATERIALS SH ONLY THE MATERIAL DEI	WITH THIS HIPPED OF 1976, AS 1.001, et seq., FLUIDS, TOR HIPPED WITH LIVERED BY
AS A CONDITION TO SUNE JOB TICKET, OPERATOR/SHI HEREWITH IS MATERIAL EX AMENDED FROM TIME TO T AND REGULATIONS RELATE PRODUCED WATERS, AND C PRODUCTION OF CRUDE OII ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPON OPERATOR/SHIPPER TO TRA FACILITY FOR DISPOSAL. THIS WILL CERTIFY the Statement at the above des	DANCE SERVICES, INC.'S ACCEPTANCE OF IPPER REPRESENTS AND WARRANTS THAT EMPT FROM THE RESOURCE, CONSERVAT TIME, 40 U.S.C. § 6901, et seq., THE NM HEA ED THERETO, BY VIRTUE OF THE EXEMPT DTHER WASTE ASSOCIATED WITH THE EXI L OR NATURAL GAS OR GEOTHERMAL EN SUNDANCE SERVICES, INC.'S ACCEPTAN RTER REPRESENTS AND WARRANTS THAT	THE MATERIALS SHIPPED THE WASTE MATERIAL SH ION AND RECOVERY ACT ALTH AND SAF. CODE § 361 ION AFFORDED DRILLING PLORATION, DEVELOPMEN ERGY. CE OF THE MATERIALS SH ONLY THE MATERIAL DEL PORTER TO SUNDANCE SE There is a source of the source o	WITH THIS HIPPED OF 1976, AS 1.001, et seq., FLUIDS, it OR HIPPED WITH LIVERED BY ERVICES, INC. Transporter I shipper. Thi
AS A CONDITION TO SUME JOB TICKET, OPERATOR/SHI HEREWITH IS MATERIAL EX AMENDED FROM TIME TO T AND REGULATIONS RELATE PRODUCED WATERS, AND C PRODUCTION OF CRUDE OII ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPOI OPERATOR/SHIPPER TO TRA FACILITY FOR DISPOSAL. THIS WILL CERTIFY tha Statement at the above des will certify that no addition without incident.	DANCE SERVICES, INC.'S ACCEPTANCE OF IPPER REPRESENTS AND WARRANTS THAT EMPT FROM THE RESOURCE, CONSERVAT TIME, 40 U.S.C. § 6901, et seq., THE NM HEA ED THERETO, BY VIRTUE OF THE EXEMPT DTHER WASTE ASSOCIATED WITH THE EXIL OR NATURAL GAS OR GEOTHERMAL EN SUNDANCE SERVICES, INC.'S ACCEPTAN RTER REPRESENTS AND WARRANTS THAT INSPORTER IS NOW DELIVERED BY TRANS at the above Transporter loaded the main cribed location, and that it was tendered	THE MATERIALS SHIPPED THE WASTE MATERIAL SH ION AND RECOVERY ACT ALTH AND SAF. CODE § 361 ION AFFORDED DRILLING PLORATION, DEVELOPMEN ERGY. CE OF THE MATERIALS SH ONLY THE MATERIAL DEL PORTER TO SUNDANCE SE There is a source of the source o	WITH THIS HIPPED OF 1976, AS 1.001, et seq., FLUIDS, it OR HIPPED WITH LIVERED BY ERVICES, INC. Transporter I shipper. Thi
AS A CONDITION TO SUME JOB TICKET, OPERATOR/SHI HEREWITH IS MATERIAL EX AMENDED FROM TIME TO T AND REGULATIONS RELATE PRODUCED WATERS, AND C PRODUCTION OF CRUDE OII ALSO AS A CONDITION TC THIS JOB TICKET, TRANSPOI OPERATOR/SHIPPER TO TRA FACILITY FOR DISPOSAL. THIS WILL CERTIFY tha Statement at the above des will certify that no addition without incident.	DANCE SERVICES, INC.'S ACCEPTANCE OF IPPER REPRESENTS AND WARRANTS THAT EMPT FROM THE RESOURCE, CONSERVAT TIME, 40 U.S.C. § 6901, et seq., THE NM HEA ED THERETO, BY VIRTUE OF THE EXEMPT DTHER WASTE ASSOCIATED WITH THE EXIL OR NATURAL GAS OR GEOTHERMAL EN SUNDANCE SERVICES, INC.'S ACCEPTAN RTER REPRESENTS AND WARRANTS THAT INSPORTER IS NOW DELIVERED BY TRANS at the above Transporter loaded the main cribed location, and that it was tendered	THE MATERIALS SHIPPED THE WASTE MATERIAL SH ION AND RECOVERY ACT ALTH AND SAF. CODE § 361 ION AFFORDED DRILLING PLORATION, DEVELOPMEN ERGY. CE OF THE MATERIALS SH ONLY THE MATERIAL DEL PORTER TO SUNDANCE SE There is a source of the source o	WITH THIS HIPPED OF 1976, AS 1.001, et seq., FLUIDS, it OR HIPPED WITH LIVERED BY ERVICES, INC. Transporter I shipper. Thi

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	Sundance Services, P.O. Box 1737 * Eunice, NM 88 (505) 394-2511	2731	<b>∖</b> ⁰ 18495
LEASE OPERATOR/SHIPP			1
	29 SWD		
TRANSPORTER COMPANY		TIME:	AM/PM
DATE: 2-19-99 V		DRIVER NO.:	
CHARGE TO:	<i>io</i> k		
/) <u>ce</u>	TYPE OF MATERIA	L	
[ ] Production Water [ ] Tank Bottoms [ ] Other Material:	[ ] Drilling Fluids [ ] Contaminated soil [ ] BS&W Content:	[ ] Completion [ ] C-117 No.:	Fluids
Description: Oily Dirt		20 yarda B	ackfill
JOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR I ALSO AS A CONDITION TO SUM THIS JOB TICKET, TRANSPORTER	E SERVICES, INC.'S ACCEPTANCE OF REPRESENTS AND WARRANTS THAT FROM THE RESOURCE, CONSERVAT 40 U.S.C. § 6901, et seq., THE NM HEZ ERETO, BY VIRTUE OF THE EXEMPT R WASTE ASSOCIATED WITH THE EX NATURAL GAS OR GEOTHERMAL EN DANCE SERVICES, INC.'S ACCEPTAN REPRESENTS AND WARRANTS THAT	THE WASTE MATER TION AND RECOVERY ALTH AND SAF. CODE TON AFFORDED DRIL PLORATION, DEVELO TERGY. ICE OF THE MATERIA TONLY THE MATERIA	IAL SHIPPED ACT OF 1976, AS § 361.001, et seq., LING FLUIDS, PMENT OR LS SHIPPED WITH AL DELIVERED BY
FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above describe will certify that no additional m without incident. DRIVER: (SIGNATURE) FACILITY REPRESENTATIVE:	PRTER IS NOW DELIVERED BY TRANS above Transporter loaded the ma d location, and that it was tendered exaterials were added to this load, of Control R. Ores SIGNATURE	terial represented by ed by the above desc	this Transporter bribed shipper. This
White-Sundance Canary-Sundance Acct#1 1 Revised 12/27/95			

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	P.O. Box 1737 ★ Eunice, NM (505) 394-2511	88231 NO	18496
LEASE OPERATOR/SHIPPE	ER/COMPANY: Rice		
LEASE NAME: F-	29 SWD		
TRANSPORTER COMPANY	R-ETrucking	TIME:	AM/PM
DATE: 2-19-99 V	VEHICLE NO.: 38	DRIVER NO .:	
CHARGE TO: Rice			
	TYPE OF MATERIA	AL	· ·
[] Production Water [] Tank Bottoms [] Other Material:	[ ] Drilling Fluids [ ] Contaminated soil [ ] BS&W Content:	[ ] Completion Fluid [ ] C-117 No.:	^{ds} 17
Description: <u>orLJDirt</u>	-	10 yards Bac	b1:11
		~~~~~~	
VOLUME OF MATERIAL []	BBLS: [1	YARD:	[]
JOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED THI PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR M ALSO AS A CONDITION TO SUNI THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO	E SERVICES, INC.'S ACCEPTANCE (REPRESENTS AND WARRANTS TH/ FROM THE RESOURCE, CONSERV. 40 U.S.C. § 6901, et seq., THE NM H ERETO, BY VIRTUE OF THE EXEMI & WASTE ASSOCIATED WITH THE E NATURAL GAS OR GEOTHERMAL E DANCE SERVICES, INC.'S ACCEPTA REPRESENTS AND WARRANTS THA ORTER IS NOW DELIVERED BY TRA	AT THE WASTE MATERIAL S ATION AND RECOVERY ACT EALTH AND SAF. CODE § 36 PTION AFFORDED DRILLING EXPLORATION, DEVELOPMEN ENERGY. ANCE OF THE MATERIALS SH AT ONLY THE MATERIAL DE	SHIPPED OF 1976, AS 51.001, et seq., FLUIDS, NT OR HIPPED WITH ELIVERED BY
JOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED THI PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR N ALSO AS A CONDITION TO SUNI THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above described	REPRESENTS AND WARRANTS THA FROM THE RESOURCE, CONSERV. 40 U.S.C. § 6901, et seq., THE NM H ERETO, BY VIRTUE OF THE EXEMI WASTE ASSOCIATED WITH THE E NATURAL GAS OR GEOTHERMAL E DANCE SERVICES, INC.'S ACCEPTA REPRESENTS AND WARRANTS THA	AT THE WASTE MATERIAL S ATION AND RECOVERY ACT EALTH AND SAF. CODE § 36 PTION AFFORDED DRILLING EXPLORATION, DEVELOPMEN ENERGY. ANCE OF THE MATERIALS SH AT ONLY THE MATERIAL DE NSPORTER TO SUNDANCE S Paterial represented by this ered by the above described	SHIPPED OF 1976, AS S1.001, et seq., FLUIDS, NT OR HIPPED WITH ELIVERED BY ERVICES, INC.'S S Transporter d shipper. This
JOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED THI PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR M ALSO AS A CONDITION TO SUNI THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above described will certify that no additional m without incident. DRIVER:	REPRESENTS AND WARRANTS THA FROM THE RESOURCE, CONSERV. 40 U.S.C. § 6901, et seq., THE NM H ERETO, BY VIRTUE OF THE EXEMINATION WASTE ASSOCIATED WITH THE ENATURAL GAS OR GEOTHERMAL EN DANCE SERVICES, INC.'S ACCEPTA REPRESENTS AND WARRANTS THAT PATER IS NOW DELIVERED BY TRANS et above Transporter loaded the m d location, and that it was tende	AT THE WASTE MATERIAL S ATION AND RECOVERY ACT EALTH AND SAF. CODE § 36 PTION AFFORDED DRILLING EXPLORATION, DEVELOPMEN ENERGY. ANCE OF THE MATERIALS SH AT ONLY THE MATERIAL DE NSPORTER TO SUNDANCE S Paterial represented by this ered by the above described	SHIPPED OF 1976, AS S1.001, et seq., FLUIDS, NT OR HIPPED WITH ELIVERED BY ERVICES, INC.'S S Transporter d shipper. This

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N2	Sundance Services, P.O. Box 1737 ★ Eunice, NM 8 (505) 394-2511	8231	<u>9</u> 1849
LEASE OPERATOR/SHIP	PPER/COMPANY: Rice		
LEASE NAME:	-29-5WD		
TRANSPORTER COMPA	NY: R-ETrucking	TIME:	AM/P
DATE: 2-19-99	VEHICLE NO .: 1000	DRIVER NO.:	
CHARGE TO: Ric	e		
	TYPE OF MATERIA	\L	· ·
[] Production Water [] Tank Bottoms [] Other Material:	[] Drilling Fluids [] Contaminated soil [] BS&W Content:	[] Completion F [] C-117 No.: _	Fluids
Description: Oily Oi	nt	10 yds B	2.11.5
	I BBLS. Image: Imag		
AS A CONDITION TO SUNDA JOB TICKET, OPERATOR/SHIPP HEREWITH IS MATERIAL EXEN AMENDED FROM TIME TO TIM AND REGULATIONS RELATED PRODUCED WATERS, AND OTH PRODUCTION OF CRUDE OIL C ALSO AS A CONDITION TO S THIS JOB TICKET, TRANSPORT OPERATOR/SHIPPER TO TRANS FACILITY FOR DISPOSAL. THIS WILL CERTIFY that Statement at the above descr	NCE SERVICES, INC.'S ACCEPTANCE O	F THE MATERIALS SHIP T THE WASTE MATERIA TION AND RECOVERY A CALTH AND SAF. CODE TION AFFORDED DRILLI (PLORATION, DEVELOPI VERGY. NCE OF THE MATERIAL T ONLY THE MATERIAL ISPORTER TO SUNDANC CALT AND SUNDANC	AL SHIPPED ACT OF 1976, AS § 361.001, et seq., ING FLUIDS, MENT OR S SHIPPED WITH DELIVERED BY E SERVICES, INC this Transporter ibed shipper. Th

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LEASE OPERATOR/SHIPPE	R/COMPANY: Rice	· · · · · · · · · · · · · · · · · · ·	
LEASE NAME: F - 7	9 SWN		· · · · · · · · · · · · · · · · · · ·
TRANSPORTER COMPANY:		TIME:	AM/PN
DATE: 2-19-99 VI	- Tucking	DRIVER NO.:	
CHARGE TO: Riche			
CHANGE TO. MICHE			
	TYPE OF MATERIAI		
[] Production Water [] Tank Bottoms	[] Drilling Fluids [4 Contaminated soil	[] Completion Fig [] C-117 No.:	uide.
[] Other Material:	[] BS&W Content:	[]0-117 No	
Description: Oily Orn			2.1.1.01
<u></u>		10 yds 13	achie
		ARD 10 :	
			r 1
	SERVICES, INC.'S ACCEPTANCE OF	THE MATERIALS SHIPP	
AS A CONDITION TO SUNDANCE JOB TICKET, OPERATOR/SHIPPER I HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, 4 AND REGULATIONS RELATED THE PRODUCED WATERS, AND OTHER		THE MATERIALS SHIPPI THE WASTE MATERIAL TON AND RECOVERY AC ALTH AND SAF. CODE § ION AFFORDED DRILLIN PLORATION, DEVELOPM	SHIPPED CT OF 1976, AS 361.001, et seq., G FLUIDS,
AS A CONDITION TO SUNDANCE JOB TICKET, OPERATOR/SHIPPER I HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, 4 AND REGULATIONS RELATED THE PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR N ALSO AS A CONDITION TO SUND THIS JOB TICKET, TRANSPORTER F	SERVICES, INC.'S ACCEPTANCE OF REPRESENTS AND WARRANTS THAT FROM THE RESOURCE, CONSERVAT 40 U.S.C. § 6901, et seq., THE NM HEA ERETO, BY VIRTUE OF THE EXEMPTI WASTE ASSOCIATED WITH THE EXI	THE MATERIALS SHIPPI THE WASTE MATERIAL TON AND RECOVERY AC ALTH AND SAF. CODE § ION AFFORDED DRILLIN PLORATION, DEVELOPM ERGY. CE OF THE MATERIALS	SHIPPED CT OF 1976, AS 361.001, et seq., G FLUIDS, ENT OR SHIPPED WITH DELIVERED BY
AS A CONDITION TO SUNDANCE JOB TICKET, OPERATOR/SHIPPER I HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, 4 AND REGULATIONS RELATED THE PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR N ALSO AS A CONDITION TO SUND THIS JOB TICKET, TRANSPORTER F OPERATOR/SHIPPER TO TRANSPOF FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above described	E SERVICES, INC.'S ACCEPTANCE OF REPRESENTS AND WARRANTS THAT FROM THE RESOURCE, CONSERVAT 40 U.S.C. § 6901, et seq., THE NM HEA ERETO, BY VIRTUE OF THE EXEMPTI WASTE ASSOCIATED WITH THE EXH IATURAL GAS OR GEOTHERMAL ENI DANCE SERVICES, INC.'S ACCEPTANC REPRESENTS AND WARRANTS THAT	THE MATERIALS SHIPPI THE WASTE MATERIAL TION AND RECOVERY AC ALTH AND SAF. CODE § ION AFFORDED DRILLIN PLORATION, DEVELOPM ERGY. CE OF THE MATERIALS ONLY THE MATERIAL I SPORTER TO SUNDANCE terial represented by the terial yepresented by the	SHIPPED CT OF 1976, AS 361.001, et seq., G FLUIDS, ENT OR SHIPPED WITH DELIVERED BY SERVICES, INC. is Transporter ed shipper. This
AS A CONDITION TO SUNDANCE JOB TICKET, OPERATOR/SHIPPER I HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, 4 AND REGULATIONS RELATED THE PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR N ALSO AS A CONDITION TO SUND THIS JOB TICKET, TRANSPORTER F OPERATOR/SHIPPER TO TRANSPOF FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above described will certify that no additional man without incident. DRIVER: (SIGNATURE)	E SERVICES, INC.'S ACCEPTANCE OF REPRESENTS AND WARRANTS THAT FROM THE RESOURCE, CONSERVAT 40 U.S.C. § 6901, et seq., THE NM HEA ERETO, BY VIRTUE OF THE EXEMPTI WASTE ASSOCIATED WITH THE EXH IATURAL GAS OR GEOTHERMAL ENI OANCE SERVICES, INC.'S ACCEPTANE REPRESENTS AND WARRANTS THAT RTER IS NOW DELIVERED BY TRANS above Transporter loaded the mail I location, and that it was tendere	THE MATERIALS SHIPPI THE WASTE MATERIAL TION AND RECOVERY AC ALTH AND SAF. CODE § ION AFFORDED DRILLIN PLORATION, DEVELOPM ERGY. CE OF THE MATERIALS ONLY THE MATERIAL I SPORTER TO SUNDANCE terial represented by the terial yepresented by the	SHIPPED CT OF 1976, AS 361.001, et seq., G FLUIDS, ENT OR SHIPPED WITH DELIVERED BY SERVICES, INC. is Transporter ed shipper. This

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P.O. Box 173	Services, Ine 7 * Eunice, NM 88231 05) 394-2511		18500
LEASE OPERATOR/SHIPPER/COMPANY:	Rice		
LEASE NAME: F-29 SW	D	····	
TRANSPORTER COMPANY: R-ETri	12 King	TIME:	AM/PM
DATE: 2-19-99 VEHICLE NO .:		RIVER NO.:	-
CHARGE TO: Rice	-	·	
ТҮРЕ С	F MATERIAL		
[] Production Water [] Drilling Fl [] Tank Bottoms [] Contamina [] Other Material: [] BS&W Co	uids ated soil ntent:	[] Completion.Flu [] C-117 No.:	uids 20
Description: Oilg Dint		204 do Ba	ukfill
VOLUME OF MATERIAL [] BBLS.	_: [1YARD	<u>20</u> :	[]
AS A CONDITION TO SUNDANCE SERVICES, INC.'S JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND HEREWITH IS MATERIAL EXEMPT FROM THE RESO AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, e AND REGULATIONS RELATED THERETO, BY VIRTU PRODUCED WATERS, AND OTHER WASTE ASSOCIAT PRODUCTION OF CRUDE OIL OR NATURAL GAS OR	WARRANTS THAT THE URCE, CONSERVATION a seq., THE NM HEALTH E OF THE EXEMPTION A TED WITH THE EXPLOR GEOTHERMAL ENERGY	E WASTE MATERIAL AND RECOVERY AC AND SAF. CODE § AFFORDED DRILLIN ATION, DEVELOPM	L SHIPPED CT OF 1976, AS 361.001, et seq., IG FLUIDS, ENT OR
ALSO AS A CONDITION TO SUNDANCE SERVICES, THIS JOB TICKET, TRANSPORTER REPRESENTS AND OPERATOR/SHIPPER TO TRANSPORTER IS NOW DEL FACILITY FOR DISPOSAL.	WARRANTS THAT ONL	Y THE MATERIAL I	DELIVERED BY
THIS WILL CERTIFY that the above Transport Statement at the above described location, and the will certify that no additional materials were add without incident.	hat it was tendered by	the above describ	ed shipper. This
FACILITY REPRESENTATIVE:	2 Robertson		
White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Revised 12/27/95	Gold-Transporter		

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Sundance Services, Inc P.O. Box 1737 ★ Eunice, NM 88231 (505) 394-2511 Nº 18506
LEASE OPERATOR/SHIPPER/COMPANY:
LEASE NAME: F-29 SWD
TRANSPORTER COMPANY: R.E. Trucking TIME: AM/PM
DATE: 2-22-99 VEHICLE NO.: 38 DRIVER NO.:
CHARGE TO:
TYPE OF MATERIAL
[] Production Water [] Drilling Fluids [] Completion Fluids [] Tank Bottoms [] Contaminated soll [] C-117 No.: [] Other Material: [] BS&W Content:
Description: Dily dirt 10y/s bock fill
VOLUME OF MATERIAL [] BBLS: YARD 20 : []
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: CSIGNATURE)
White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter Revised 12/27/95

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	P.O. Box 1737 ★ Eunice, NM 88231 (505) 394-2511	N⁰	18507
EASE OPERATOR/SHIPP	ER/COMPANY: Rice		
EASE NAME: F-29	SWD		
TRANSPORTER COMPANY	1: R.E. & Trucking	TIME:	AM/PM
DATE: 2-22-59	-	IVER NO.:	
CHARGE TO: Rice			
	TYPE OF MATERIAL		
] Production Water] Tank Bottoms] Other Material:	[] Drilling Fluids [] Contaminated soil [] BS&W Content:	[] Completion Fluid [] C-117 No.:	\$ 23
Description: <u>Oily di</u>		byls back	fi//
		· · · · · · · · · · · · · · · · · · ·	
AS A CONDITION TO SUNDANC	CE SERVICES, INC.'S ACCEPTANCE OF THE M R REPRESENTS AND WARRANTS THAT THE W	IATERIALS SHIPPED VASTE MATERIAL SI	HIPPED
NOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHEN PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SUN THIS JOB TICKET, TRANSPORTER DPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above describe will certify that no additional n without incident.	E SERVICES, INC.'S ACCEPTANCE OF THE M	ATERIALS SHIPPED VASTE MATERIAL SI ND RECOVERY ACT ND SAF. CODE § 361 FORDED DRILLING FION, DEVELOPMEN THE MATERIALS SH THE MATERIAL DEI R TO SUNDANCE SE represented by this the above described	WITH THIS HIPPED OF 1976, AS 1.001, et seq., FLUIDS, T OR IPPED WITH LIVERED BY RVICES, INC.'S Transporter shipper. This
AS A CONDITION TO SUNDANC OB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHEL PRODUCTION OF CRUDE OIL OR ALSO AS A CONDITION TO SUN THIS JOB TICKET, TRANSPORTER DPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above describe will certify that no additional n without incident. DRIVER: (SIGNATURE) FACILITY REPRESENTATIVE:	CE SERVICES, INC.'S ACCEPTANCE OF THE M R REPRESENTS AND WARRANTS THAT THE W T FROM THE RESOURCE, CONSERVATION AN 40 U.S.C. § 6901, et seq., THE NM HEALTH A HERETO, BY VIRTUE OF THE EXEMPTION AF R WASTE ASSOCIATED WITH THE EXPLORAT NATURAL GAS OR GEOTHERMAL ENERGY. NDANCE SERVICES, INC.'S ACCEPTANCE OF R REPRESENTS AND WARRANTS THAT ONLY ORTER IS NOW DELIVERED BY TRANSPORTE e above Transporter loaded the material r ed location, and that it was tendered by th	ATERIALS SHIPPED VASTE MATERIAL SI ND RECOVERY ACT ND SAF. CODE § 361 FORDED DRILLING FION, DEVELOPMEN THE MATERIALS SH THE MATERIAL DEI R TO SUNDANCE SE represented by this the above described	WITH THIS HIPPED OF 1976, AS 1.001, et seq., FLUIDS, T OR IPPED WITH LIVERED BY RVICES, INC.'S Transporter shipper. This

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	Sundance Services, In P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511	c.∰ Nº	18508
LEASE OPERATOR/SHIPP	PER/COMPANY: Rice		<u> </u>
LEASE NAME: F-29	SWD		
	Y: R.E. Trucking	TIME:	AM/PM
		DRIVER NO.:	
CHARGE TO:		······································	
	TYPE OF MATERIAL		
[] Production Water[] Tank Bottoms[] Other Material:	[] Drilling Fluids [] Contaminated soil [] BS&W Content:	[] Completion Fluid [] C-117 No.:	2/
Description: Oily diz	\pm	30	1 word
<u> </u>	<u></u>	20 yds £	GCK +ill
VOLUME OF MATERIAL [] BBLS:YARD	20 .	r 1
AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHE PRODUCTION OF CRUDE OIL OR	, 40 U.S.C. § 6901, et seq., THE NM HEALTH HERETO, BY VIRTUE OF THE EXEMPTION R WASTE ASSOCIATED WITH THE EXPLOR NATURAL GAS OR GEOTHERMAL ENERGY	AFFORDED DRILLING I ATION, DEVELOPMEN	FLUIDS,
THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th Statement at the above describe will certify that no additional n without incident.	NDANCE SERVICES, INC.'S ACCEPTANCE C REPRESENTS AND WARRANTS THAT ONI ORTER IS NOW DELIVERED BY TRANSPOR e above Transporter loaded the materia ed location, and that it was tendered by naterials were added to this load, and t	Y THE MATERIAL DEI TER TO SUNDANCE SE l represented by this the above described	LIVERED BY RVICES, INC.'S Transporter shipper. This
THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th Statement at the above describe will certify that no additional r without incident. DRIVER: (SIGN/TURE) FACILITY REPRESENTATIVE:	R REPRESENTS AND WARRANTS THAT ONI ORTER IS NOW DELIVERED BY TRANSPOR e above Transporter loaded the materia ed location, and that it was tendered by	Y THE MATERIAL DEI TER TO SUNDANCE SE l represented by this the above described	LIVERED BY RVICES, INC.'S Transporter shipper. This

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L	<u> </u>	Sundance Servic P.O. Box 1737 ★ Eunice, 1 (505) 394-2511	2,0169	N⁰	18509
L	EASE OPERATOR/SHIP	PPER/COMPANY:	>		
LI	EASE NAME:	29 5415			
T	RANSPORTER COMPAN	NY: R.E. Truckin	T	IME:	AM/PM
D	ATE: 2-22-99	VEHICLE NO .: 1000	DRIVER	NO.:	
C	HARGE TO:				
		TYPE OF MATE	RIAL		<u> </u>
ĺ	Production Water Tank Bottoms Other Material: Description:/	[] Drilling Fluids [] Contaminated soll [] BS&W Content:	[]C-1	mpletion Fluids 17 No.: 20 Oyd <u>s</u> 60	24
JO HE AN AN	B TICKET, OPERATOR/SHIPP REWITH IS MATERIAL EXEM MENDED FROM TIME TO TIM ID REGULATIONS RELATED	[] BBLS: NCE SERVICES, INC.'S ACCEPTAN PER REPRESENTS AND WARRANTS MPT FROM THE RESOURCE, CONSI 1E, 40 U.S.C. § 6901, et seq., THE NI THERETO, BY VIRTUE OF THE EX HER WASTE ASSOCIATED WITH TH	THAT THE WASTE ERVATION AND RE M HEALTH AND SA EMPTION AFFORD	IALS SHIPPED MATERIAL SF COVERY ACT (NF. CODE § 361 ED DRILLING F	IIPPED OF 1976, AS .001, et seq., FLUIDS,
PR // TH OP	ODUCTION OF CRUDE OIL O ALSO AS A CONDITION TO SU IS JOB TICKET, TRANSPORTI	UNDANCE SERVICES, INC.'S ACCE ER REPRESENTS AND WARRANTS SPORTER IS NOW DELIVERED BY 7	AL ENERGY PTANCE OF THE M THAT ONLY THE M	IATERIALS SHI MATERIAL DEI	PPED WITH IVERED BY
Ste wi	tement at the above descri	the above Transporter loaded th ibed location, and that it was te l materials were added to this lo	ndered by the abo	ove described	shipper. This
DR	IVER: Luis & Mo	index			
	CILITY REPRESENTATIVE				

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	Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511	Nº Nº	18511
LEASE OPERATOR/SHIPPI	ER/COMPANY: Rice		
LEASE NAME: F- 2		***** ***	
TRANSPORTER COMPANY	R. E. Trucking	TIME:	AM/PM
DATE: 9-22-99 V		ER NO.:	
CHARGE TO: Ricc	2		
	TYPE OF MATERIAL		
[] Production Water [] Tank Bottoms [] Other Material:	[] BS&W Content:	Completion Fluid C-117 No.:	<u>.</u>
Description: \mathcal{O} , $\mathcal{L}_{\mathcal{I}}$, $\mathcal{D}_{\mathcal{I}}$,	10	yds Buc	KFILL
VOLUME OF MATERIAL []			[]
JOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME,	E SERVICES, INC.'S ACCEPTANCE OF THE MAT REPRESENTS AND WARRANTS THAT THE WA FFROM THE RESOURCE, CONSERVATION AND 40 U.S.C. § 6901, et seq., THE NM HEALTH AND	STE MATERIAL SH RECOVERY ACT	HIPPED OF 1976, AS
PRODUCED WATERS, AND OTHER	ERETO, BY VIRTUE OF THE EXEMPTION AFFO R WASTE ASSOCIATED WITH THE EXPLORATIO NATURAL GAS OR GEOTHERMAL ENERGY.		FLUIDS,
PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR I ALSO AS A CONDITION TO SUM THIS JOB TICKET, TRANSPORTER	R WASTE ASSOCIATED WITH THE EXPLORATIO	N, DEVELOPMEN E MATERIALS SH E MATERIAL DEI	FLUIDS, T OR IPPED WITH LIVERED BY
PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR I ALSO AS A CONDITION TO SUN THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above described	R WASTE ASSOCIATED WITH THE EXPLORATIO NATURAL GAS OR GEOTHERMAL ENERGY. DANCE SERVICES, INC.'S ACCEPTANCE OF TH REPRESENTS AND WARRANTS THAT ONLY TH	N, DEVELOPMEN E MATERIALS SH E MATERIAL DEI O SUNDANCE SE resented by this above described	FLUIDS, T OR IPPED WITH LIVERED BY RVICES, INC.'S Transporter 'shipper. This
PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR I ALSO AS A CONDITION TO SUN THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above described will certify that no additional m	R WASTE ASSOCIATED WITH THE EXPLORATIO NATURAL GAS OR GEOTHERMAL ENERGY. DANCE SERVICES, INC.'S ACCEPTANCE OF TH REPRESENTS AND WARRANTS THAT ONLY TH ORTER IS NOW DELIVERED BY TRANSPORTER the above Transporter loaded the material rep of location, and that it was tendered by the	N, DEVELOPMEN E MATERIALS SH E MATERIAL DEI O SUNDANCE SE resented by this above described	FLUIDS, T OR IPPED WITH LIVERED BY RVICES, INC.'S Transporter 'shipper. This

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S S	undance Services, P.O. Box 1737 * Eunice, NM 88 (505) 394-2511		N₽	18513
LEASE OPERATOR/SHIPPER/	COMPANY: Rice			
LEASE NAME: F-2	9 SWO			
TRANSPORTER COMPANY:	R-E Trucking	TIM	E:	AM/PM
DATE: 2-22-99 VEH	\sim	DRIVER N	10.:	
CHARGE TO: Rice	-			
	TYPE OF MATERIA			
[] Production Water [] Tank Bottoms [] Other Material:	[] Dritting Fluids [-] Contaminated soil [] BS&W Content:	[] Comp [] C-117	bletion Fluids 7 No.:	2?
Description: Oily Dirt	/	10 yara	ls Bac	teill
VOLUME OF MATERIAL [] BE	BLS: [1]Y	ARD	_:(1
AS A CONDITION TO SUNDANCE SE JOB TICKET, OPERATOR/SHIPPER REF HEREWITH IS MATERIAL EXEMPT FR AMENDED FROM TIME TO TIME, 40 U AND REGULATIONS RELATED THERE PRODUCED WATERS, AND OTHER WA PRODUCTION OF CRUDE OIL OR NAT ALSO AS A CONDITION TO SUNDAN THIS JOB TICKET, TRANSPORTER REF	PRESENTS AND WARRANTS THAT OM THE RESOURCE, CONSERVAT J.S.C. § 6901, et seq., THE NM HEA TO, BY VIRTUE OF THE EXEMPT ASTE ASSOCIATED WITH THE EXT URAL GAS OR GEOTHERMAL EN ICE SERVICES, INC.'S ACCEPTAN	THE WASTE M TON AND RECO ALTH AND SAF. ION AFFORDED PLORATION, DE ERGY. CE OF THE MA	IATERIAL SH OVERY ACT (CODE § 361. DRILLING F EVELOPMENT TERIALS SHI	IPPED DF 1976, AS 001, et seq., ILUIDS, I OR PPED WITH
OPERATOR/SHIPPER TO TRANSPORTE FACILITY FOR DISPOSAL.	ER IS NOW DELIVERED BY TRANS	PORTER TO SU	NDANCE SEI	VICES, INC.'S
THIS WILL CERTIFY that the above statement at the above described lowill certify that no additional mater without incident.	ocation, and that it was tendere	d by the above	e described	shipper. This
DRIVER: JUIS & Min (SIGNATURE) FACILITY REPRESENTATIVE:	elly Roch			
White-Sundance Canary-Sundance Acct#1 Pink- Revised 12/27/95	Sundance Acct#2 Gold-Transporter		۳۱ 	

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	Sundance Services P.O. Box 1737 * Eunice, NM (505) 394-2511	
LEASE OPERATOR/SHIPPE	ER/COMPANY: Rie 4	2
LEASE NAME: F. 2	7 SWD	
TRANSPORTER COMPANY	R.E. Truck,	TIME: AM/PM
DATE: 2-22-99 V		DRIVER NO.:
CHARGE TO: Rig &	2	
	TYPE OF MATERIA	AL
[] Production Water [] Tank Bottoms [] Other Material:	 [] Drilling Fluids [] Contaminated soil [] BS&W Content: 	[] Completion Fluids 25 [] C-117 No.:25
Description: $\underline{\partial}iL_{Y}$, $\underline{\partial}i$	<u>~1</u>	10 yds BeckFill
VOLUME OF MATERIAL []	BBLS: 🕅	YARD _/O: []
JOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED THI PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR N ALSO AS A CONDITION TO SUNI THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above described	REPRESENTS AND WARRANTS TH. FROM THE RESOURCE, CONSERV 40 U.S.C. § 6901, et seq., THE NM H ERETO, BY VIRTUE OF THE EXEMI WASTE ASSOCIATED WITH THE E NATURAL GAS OR GEOTHERMAL E DANCE SERVICES, INC.'S ACCEPTA REPRESENTS AND WARRANTS THA REPRESENTS AND WARRANTS THA RTER IS NOW DELIVERED BY TRA above Transporter loaded the m d location, and that it was tende	OF THE MATERIALS SHIPPED WITH THIS AT THE WASTE MATERIAL SHIPPED ATION AND RECOVERY ACT OF 1976, AS EALTH AND SAF. CODE § 361.001, et seq., PTION AFFORDED DRILLING FLUIDS, EXPLORATION, DEVELOPMENT OR ENERGY. ANCE OF THE MATERIALS SHIPPED WITH AT ONLY THE MATERIAL DELIVERED BY NSPORTER TO SUNDANCE SERVICES, INC.'S material represented by this Transporter ered by the above described shipper. This , and that the material was delivered
FACILITY REPRESENTATIVE:	Randy I Robert	Jos
White-Sundance Canary-Sundance Acct#1 F Revised 12/27/95	Pink-Sundance Acct#2 Gold-Transporter	

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	Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 Nº 18516
	LEASE OPERATOR/SHIPPER/COMPANY: Rice
	LEASE NAME: F-29 SWD
	TRANSPORTER COMPANY: R. E. Environmental TIME: AM/PM
	DATE: 2-2-44 VEHICLE NO.: DRIVER NO.:
	CHARGE TO: RICE
	TYPE OF MATERIAL
	[] Production Water [] Drilling Fluids [] Completion Fluids [] Tank Bottoms [] Contaminated soil [] C-117 No.??2 [] Other Material: [] BS&W Content:
	Description: Oilydirt 10 yards Backfill
	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

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	Sundance Services, Inc P.O. Box 1737 ★ Eunice, NM 88231 (505) 394-2511	Nº 18517
LEASE OPERATOR/SHIP	PER/COMPANY: Rica	·
LEASE NAME: F	29 5WD	
TRANSPORTER COMPAN	NY: R.F. Trucking TIME	: AM/PM
DATE: 2-22-97	VEHICLE NO .: /OOO DRIVER NO	D.:
CHARGE TO: Rice		·
	TYPE OF MATERIAL	
[] Production Water [] Tank Bottoms [] Other Material:		etion Fluids $\#3$
Description: $\mathcal{O}'_{\mathcal{L}} \cup \mathcal{D}'_{\mathcal{L}}$	10 yard	BackFill
JOB TICKET, OPERATOR/SHIPPE HEREWITH IS MATERIAL EXEM AMENDED FROM TIME TO TIMI AND REGULATIONS RELATED T PRODUCED WATERS, AND OTH PRODUCTION OF CRUDE OIL OF ALSO AS A CONDITION TO SU	NCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS ER REPRESENTS AND WARRANTS THAT THE WASTE MA IPT FROM THE RESOURCE, CONSERVATION AND RECOV E, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. C THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED D IER WASTE ASSOCIATED WITH THE EXPLORATION, DEV R NATURAL GAS OR GEOTHERMAL ENERGY. JNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATE	TERIAL SHIPPED TERY ACT OF 1976, AS CODE § 361.001, et seq., ORILLING FLUIDS, ELOPMENT OR
OPERATOR/SHIPPER TO TRANSI FACILITY FOR DISPOSAL.	ER REPRESENTS AND WARRANTS THAT ONLY THE MAT PORTER IS NOW DELIVERED BY TRANSPORTER TO SUN The above Transporter loaded the material represente	DANCE SERVICES, INC.'S
OPERATOR/SHIPPER TO TRANSI FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above described		DANCE SERVICES, INC.'S d by this Transporter described shipper. This

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	Sundance Services, In P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511	nc. ● Nº	18519
LEASE OPERATOR/SHIPPE	RICOMPANY: Rice		
LEASE NAME: F-29	SWP		
TRANSPORTER COMPANY:	R.E Truckir	CI TIME:	AM/PM
DATE: 2-22-99 VE	HICLE NO .: 16 4	DRIVER NO.:	
CHARGE TO: RICE	-		
<u></u>	TYPE OF MATERIAL		
 Production Water Tank Bottoms Other Material: 	 [] Drilling Fluids [X] Contaminated soil [] BS&W Content: 	[] Completion Fluid ∭ C-117 No.: —	<u>ل</u> و
	2	JOYDS B	schFill
VOLUME OF MATERIAL []	3BLS: 🕅 YAR	1 : <u>C</u>	1
JOB TICKET, OPERATOR/SHIPPER R HEREWITH IS MATERIAL EXEMPT F AMENDED FROM TIME TO TIME, 40 AND REGULATIONS RELATED THEF PRODUCED WATERS, AND OTHER V PRODUCTION OF CRUDE OIL OR NA ALSO AS A CONDITION TO SUNDA	SERVICES, INC.'S ACCEPTANCE OF TH EPRESENTS AND WARRANTS THAT TH FROM THE RESOURCE, CONSERVATION 0 U.S.C. § 6901, et seq., THE NM HEALT RETO, BY VIRTUE OF THE EXEMPTION WASTE ASSOCIATED WITH THE EXPLO ATURAL GAS OR GEOTHERMAL ENERG ANCE SERVICES, INC.'S ACCEPTANCE	IE WASTE MATERIAL SH AND RECOVERY ACT (H AND SAF. CODE § 361 AFFORDED DRILLING F RATION, DEVELOPMEN' Y. OF THE MATERIALS SHI	IIPPED DF 1976, AS .001, et seq., FLUIDS, f OR PPED WITH
	EPRESENTS AND WARRANTS THAT ON TER IS NOW DELIVERED BY TRANSPOI		
Statement at the above described	above Transporter loaded the material location, and that it was tendered betrials were added to this load, and	y the above described	shipper. This
FACILITY REPRESENTATIVE:	MATURE)		
(Car			11

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N. No.	Sundance Services, P.O. Box 1737 * Eunice, NM 84 (505) 394-2511		1852
LEASE OPERATOR/SH	IPPER/COMPANY: Rize		
LEASE NAME: F -	29 SWD	· · · · · · · · · · · · · · · · · · ·	
TRANSPORTER COMPA	ANY: RE Trucking	TIME:	AM/
DATE: 2-22-99	VEHICLE NO .: 100 2	DRIVER NO .:	
CHARGE TO: R'_{i}	40		
	TYPE OF MATERIA	L	
[] Production Water [] Tank Bottoms [] Other Material:	[] Drilling Fluids [// Contaminated soil [] BS&W Content:	[] Completion Fluid	s
Description: <u>O'Ly</u>	l'nt	10 yards Bac	KEIL
JOB TICKET, OPERATOR/SHIP HEREWITH IS MATERIAL EXE AMENDED FROM TIME TO TI AND REGULATIONS RELATED PRODUCED WATERS, AND OT PRODUCTION OF CRUDE OIL	ANCE SERVICES, INC.'S ACCEPTANCE OF PPER REPRESENTS AND WARRANTS THA' EMPT FROM THE RESOURCE, CONSERVA' IME, 40 U.S.C. § 6901, et seq., THE NM HE, D THERETO, BY VIRTUE OF THE EXEMPT THER WASTE ASSOCIATED WITH THE EX OR NATURAL GAS OR GEOTHERMAL EN	F THE WASTE MATERIAL SI TION AND RECOVERY ACT ALTH AND SAF. CODE § 361 TON AFFORDED DRILLING PLORATION, DEVELOPMEN ERGY.	HIPPED OF 1976, AS 1.001, et seq FLUIDS, T OR
THIS JOB TICKET, TRANSPOR	SUNDANCE SERVICES, INC.'S ACCEPTAN TER REPRESENTS AND WARRANTS THAT NSPORTER IS NOW DELIVERED BY TRAN	ONLY THE MATERIAL DE	LIVERED BY
			RVICES, IN
Statement at the above desc	t the above Transporter loaded the ma cribed location, and that it was tendered al materials were added to this load, o D, Tavius Road to the standard to the	ed by the above described	Transpor shipper.

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🛞 ^S	Sundance Services, P.O. Box 1737 ★ Eunice, NM 8 (505) 394-2511	9231	N⁰	18523
LEASE OPERATOR/SHIPPER	COMPANY: Rice			
LEASE NAME: F-29	SWA			
TRANSPORTER COMPANY:	R-ETructing	TIME:		AM/PM
DATE: 2-22-99 VE		DRIVER NO .:		<u></u>
CHARGE TO: Rige	-			
	TYPE OF MATERIA	.L		•
[] Production Water [] Tank Bottoms [] Other Material:	[] Drilling Fluids [4] Contaminated soll [] BS&W Content:	[] Completio [] C-117 No.	n Fluids :	3/
Description: <u>oily Dirt</u>	-	20 yards B	ack	2/26
VOLUME OF MATERIAL [] B	BLS: [47	rard <u>20</u> :]]
AS A CONDITION TO SUNDANCE S JOB TICKET, OPERATOR/SHIPPER RE HEREWITH IS MATERIAL EXEMPT FF AMENDED FROM TIME TO TIME, 40 AND REGULATIONS RELATED THERI PRODUCED WATERS, AND OTHER W PRODUCTION OF CRUDE OIL OR NAT ALSO AS A CONDITION TO SUNDAL THIS JOB TICKET, TRANSPORTER RE OPERATOR/SHIPPER TO TRANSPORT FACILITY FOR DISPOSAL.	PRESENTS AND WARRANTS THA ROM THE RESOURCE, CONSERVA U.S.C. § 6901, et seq., THE NM HE ETO, BY VIRTUE OF THE EXEMP ASTE ASSOCIATED WITH THE EX IURAL GAS OR GEOTHERMAL EN NCE SERVICES, INC.'S ACCEPTAN PRESENTS AND WARRANTS THA	T THE WASTE MATE TION AND RECOVER ALTH AND SAF. COL TION AFFORDED DRI (PLORATION, DEVEL) VERGY. VCE OF THE MATERI T ONLY THE MATERI	RIAL SH Y ACT (DE § 361. LLING F OPMENT ALS SHII (AL DEL	IPPED DF 1976, AS 001, et seq., LUIDS, `OR PPED WITH IVERED BY
THIS WILL CERTIFY that the ab Statement at the above described la will certify that no additional mate without incident. DRIVER: (SIGNATURE) FACILITY REPRESENTATIVE:	ocation, and that it was tender	ed by the above des	scribed	shipper. This
White-Sundance Canary-Sundance Acct#1 Pink Revised 12/27/95	-Sundance Acct#2 Gold-Transporter			

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-	P.O. Box 1737 ★ Eunice, NM 88231		
	(505) 394-2511	<u>N</u> 2	18524
LEASE OPERATOR/SHI	PPER/COMPANY: Rice	· •••	
LEASE NAME: F	-29 SWD		
TRANSPORTER COMPA	NY: R-ETrucking	TIME:	AM/PM
DATE: 2-22-99	VEHICLE NO .: 1000 DRIV	VER NO.:	
CHARGE TO: Ric	<		
	TYPE OF MATERIAL		
[] Production Water [] Tank Bottoms [] Other Material:	[] Drilling Fluids [[] Contaminated soil [[] BS&W Content:] Completion Fluid] C-117 No.:	3
Description: <u>oily</u> D	int ID.	, and s Rac	kf'LL
		<i>,</i>	
AS A CONDITION TO SUNDA	ANCE SERVICES, INC.'S ACCEPTANCE OF THE MA	ATERIALS SHIPPED	
JOB TICKET, OPERATOR/SHIP HEREWITH IS MATERIAL EXE AMENDED FROM TIME TO TH AND REGULATIONS RELATED PRODUCED WATERS, AND OT PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO S THIS JOB TICKET, TRANSPORT OPERATOR/SHIPPER TO TRAN FACILITY FOR DISPOSAL. THIS WILL CERTIFY that Statement at the above descu will certify that no additional		ATERIALS SHIPPED ASTE MATERIAL SH D RECOVERY ACT (ID SAF. CODE § 361 ORDED DRILLING H ON, DEVELOPMEN' HE MATERIALS SHI THE MATERIAL DEI TO SUNDANCE SE Presented by this e above described	WITH THIS HIPPED OF 1976, AS .001, et seq., FLUIDS, T OR HPPED WITH LIVERED BY RVICES, INC.'S Transporter shipper. This
AS A CONDITION TO SUNDA JOB TICKET, OPERATOR/SHIP HEREWITH IS MATERIAL EXE AMENDED FROM TIME TO TH AND REGULATIONS RELATED PRODUCED WATERS, AND OT PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO S THIS JOB TICKET, TRANSPORT OPERATOR/SHIPPER TO TRAN FACILITY FOR DISPOSAL. THIS WILL CERTIFY that Statement at the above description	ANCE SERVICES, INC.'S ACCEPTANCE OF THE MAPER REPRESENTS AND WARRANTS THAT THE WA MPT FROM THE RESOURCE, CONSERVATION ANI ME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AN D THERETO, BY VIRTUE OF THE EXEMPTION AFF 'HER WASTE ASSOCIATED WITH THE EXPLORATI OR NATURAL GAS OR GEOTHERMAL ENERGY. SUNDANCE SERVICES, INC.'S ACCEPTANCE OF TH TER REPRESENTS AND WARRANTS THAT ONLY T ISPORTER IS NOW DELIVERED BY TRANSPORTER the above Transporter loaded the material re ribed location, and that it was tendered by the	ATERIALS SHIPPED ASTE MATERIAL SH D RECOVERY ACT (ID SAF. CODE § 361 ORDED DRILLING H ON, DEVELOPMEN' HE MATERIALS SHI THE MATERIAL DEI TO SUNDANCE SE Presented by this e above described	WITH THIS HIPPED OF 1976, AS .001, et seq., FLUIDS, T OR HPPED WITH LIVERED BY RVICES, INC.'S Transporter shipper. This

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LEASE OPERATOR/SHIPPER/COMPANY: L'CE LEASE NAME: C-29-500 TRANSPORTER COMPANY: L'E Trucking TIME: AM/PN DATE: 2-22-99 VEHICLE NO.: A.S. DATE: 2-22-99 VEHICLE NO.: A.S. DATE: 2-22-99 VEHICLE NO.: A.S. CHARGE TO: C.C. TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Tank Bottoms [] Cantaminated soil [] Other Material: U.S. Description: Mydub Optimize Services, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB FCK TOPERATOR/SHIPPER PERESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL [] BBLS. [] YARD AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER PERESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL [] BBLS. [] YARD AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS	St St	Undance Services, I P.O. Box 1737 * Eunice, NM 8823 (505) 394-2511		Nº	18525
LEASE NAME: F: 29-Stop) TRANSPORTER COMPANY: R + E Trucking TIME: AM/PN DATE: 2-D 9 (VEHICLE NO.: F DRIVER NO.: CHARGE TO: R : C C TYPE OF MATERIAL I Completion Fluids I Completi	LEASE OPERATOR/SHIPPER/	A			
TRANSPORTER COMPANY: R + E Trucking TIME: AM/PN DATE:				<u></u>	
DATE: 2-22-97 (VEHICLE NO.: 4-54 DRIVER NO.: CHARGE TO: C.C. TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Completion Fluids. [] Tank Bottoms Contaminated soil [] C-117 No.: 3-54 [] Other Material: Description: As a CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS 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 SHIPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND AFCOVERY 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, PRODUCCED 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 MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPP		- A		 !	AM/PM
CHARGE TO: C.C. TYPE OF MATERIAL [] Production Water [] Orilling Fluids [] Completion Fluids [] Tank Bottoms Cantaminated soil [] C-117 No.:	00	n /	/ !!		
TYPE OF MATERIAL [] Production Water [] Orilling Fluids [] Completion Fluids [] Tank Bottoms [] Contaminated soil [] C-117 No.:] C-117 No.: [] Other Material: [] Completion Fluids [] C-117 No.:] C-117 No.: Description:		<u>FJ</u>			
[] Production Water [] Drilling Fluids [] Completion Fluids [] Tank Bottoms [] Cher Material: [] Contaminated soil [] C-117 No.: Description: Description: [] Outer Material: [] BS&W Content: Description: Outer Material: [] YARD [] C-117 No.: Material: [] BBLS. [] YARD [] C-117 No.: Material: [] BBLS. [] YARD [] Completion Fluids VOLUME OF MATERIAL [] BBLS. [] YARD [] [] Completion Fluids 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 MATERIAL SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO	CITAILLE TO: RICC				
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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		[] BS&W Content:	-, - ,		
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DRIVER Office Office (SIGNATURE) Kanay Revenue FACILITY REPRESENTATIVE: Kanay Revenue (SIGNATURE) (SIGNATURE)	JOB TICKET, OPERATOR/SHIPPER REP HEREWITH IS MATERIAL EXEMPT FRO AMENDED FROM TIME TO TIME, 40 U AND REGULATIONS RELATED THERET PRODUCED WATERS, AND OTHER WA PRODUCTION OF CRUDE OIL OR NATU ALSO AS A CONDITION TO SUNDANT THIS JOB TICKET, TRANSPORTER REPI OPERATOR/SHIPPER TO TRANSPORTER FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Statement at the above described low will certify that no additional materia without incident. DRIVER: (SIGNATURE) FACILITY REPRESENTATIVE:	RESENTS AND WARRANTS THAT T OM THE RESOURCE, CONSERVATIO S.C. § 6901, et seq., THE NM HEAL TO, BY VIRTUE OF THE EXEMPTIO STE ASSOCIATED WITH THE EXPL JRAL GAS OR GEOTHERMAL ENER CE SERVICES, INC.'S ACCEPTANCE RESENTS AND WARRANTS THAT O R IS NOW DELIVERED BY TRANSPO WE Transporter loaded the mater cation, and that it was tendered ials were added to this load, and where the tendered to the standard for the tendered to the standard to the standard for the tendered to the standard to the sta	HE WASTE MA N AND RECOV TH AND SAF. (N AFFORDED I DRATION, DEV GY. OF THE MATI NLY THE MAT DRTER TO SUN ial represente by the above	ATERIAL SH VERY ACT (CODE § 361 DRILLING H VELOPMEN' ERIALS SHI ERIAL DEI DANCE SE Ad by this described	HIPPED OF 1976, AS .001, et seq., FLUIDS, T OR HPPED WITH LIVERED BY RVICES, INC.'S Transporter shipper. This

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	Sundance Services, P.O. Box 1737 * Eunice, NM 8 (505) 394-2511		18526
LEASE OPERATOR/SHIPP	PER/COMPANY: Ric	E	<u></u>
LEASE NAME: $F-2$	9-Swl		
TRANSPORTER COMPAN	Y: RJE	TIME:	AM/PM
DATE: 2-22-99	VEHICLE NO .: # 1002	DRIVER NO.:	
CHARGE TO:	1.8		
[] Tank Bottoms [] Other Material: Description:	BS&W Content:	[] C-117 No.: #	chfil
JOB TICKET, OPERATOR/SHIPPEH HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHE] BBLS. : [] CE SERVICES, INC.'S ACCEPTANCE O R REPRESENTS AND WARRANTS THA PT FROM THE RESOURCE, CONSERVA 40 U.S.C. § 6901, et seq., THE NM HE HERETO, BY VIRTUE OF THE EXEMP ER WASTE ASSOCIATED WITH THE EX NATURAL GAS OR GEOTHERMAL EN	OF THE MATERIALS SHIPPED AT THE WASTE MATERIAL SH ATION AND RECOVERY ACT (EALTH AND SAF. CODE § 361 TION AFFORDED DRILLING F XPLORATION, DEVELOPMEN	11PPED DF 1976, AS .001, et seq., FLUIDS,
	NDANCE SERVICES, INC.'S ACCEPTA	NCE OF THE MATERIALS SHI	
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THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th Statement at the above describ- will certify that no additional r without incident.	R REPRESENTS AND WARRANTS THA	NCE OF THE MATERIALS SHI IT ONLY THE MATERIAL DEL NSPORTER TO SUNDANCE SE aterial represented by this red by the above described	IVERED BY RVICES, INC.'S Transporter shipper. This
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	Sundance Services, In P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 R/COMPANY: R	s, Inc.	18527
LEASE NAME: 5-29 TRANSPORTER COMPANY: DATE: 2-22-59 VE	HICLE NO .: V	TIME:	AM/PM
CHARGE TO: K, CP			
	TYPE OF MATERIAL	IAL	
[] Production Water [] Tank Bottoms [] Other Material: Description: Octoor Jone Jone Jone Jone Jone Jone Jone Jone	[] Drilling Fluids PC Contaminated soil [] BS&W Content:	[] Completion Fluids JXC-117 No.:	ົ
VOLUME OF MATERIAL [] BBLS	BBLS: Ka	YARD 20 :	
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.	SERVICES, INC.'S ACCEPTANCE REPRESENTS AND WARRANTS TH FROM THE RESOURCE, CONSERV 10 U.S.C. § 6901, el seq., THE NM I IRETO, BY VIRTUE OF THE EXEM WASTE ASSOCIATED WITH THE WASTE ASSOCIATED WITH THE	OF THE MATERIALS SHIPPED HAT THE WASTE MATERIAL SI VATION AND RECOVERY ACT HEALTH AND SAF. CODE § 361 IPTION AFFORDED DRILLING I EXPLORATION, DEVELOPMEN ENERGY.	WITH THIS HIPPED OF 1976, AS 001, et seq FLUIDS, T OR
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.	ANCE SERVICES, INC.'S ACCEPT REPRESENTS AND WARRANTS TH RTER IS NOW DELIVERED BY TRA	ANCE OF THE MATERIALS SH HAT ONLY THE MATERIAL DEI ANSPORTER TO SUNDANCE SE	IPPED WITH LIVERED BY RVICES, IN
THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transports Statement at the above described location, and that it was tendered by the above described shipper. will certify that no additional materials were added to this load, and that the material was delivered without incident.	THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter atement at the above described location, and that it was tendered by the above described shipper. The fill certify that no additional materials were added to this load, and that the material was delivered ithout incident.	material represented by this lered by the above described 4, and that the material was	Transporter shipper. This delivered
FACILITY REPRESENTATIVE:	SIGNATURE (SIGNATURE)	R	
White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter			

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wonte-Subgarce Canary-Subgarce Accie/ Fink-Subuance Accie/ Gold-Transporter		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.	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.	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 DERLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXEMPTION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.	VOLUME OF MATERIAL [] BBLS: [/] VARD: []	Fluids	CHARGE TO: K, Ca TYPE OF MATERIAL	LEASE NAME: 1-24 2010 TRANSPORTER COMPANY: RE, Truching TIME: AM/PM DATE: 2-22-54 VEHICLE NO.: 1000 DRIVER NO.:		• • • • • • • • • • • • • • • • • • •
Revised 12/27/95	DRIVER: UNA I M SIGNATURE FACILITY REPRESENTATIVE: SIGNATURE (SIGNATURE) SIGNATURE	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.	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.	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 SOLUTION, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.	VOLUME OF MATERIAL [] BBLS: [/ YARD ///] :	[] Production Water [] Drilling Fluids [] Completion Fluids [] Tank Bottoms [] Contaminated soil [] C-117 No.: [] Other Material: [] BS&W Content:	CHARGE TO: R, C	TRANSPORTER COMPANY: REF South Warrow TIME:	7	• • • • Sundance Services, Inc. • • • • • • • • • • • • • • • • • • •

•	Sundance Services, I P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511		18529
LEASE OPERATOR/SHIPPE	R/COMPANY: RICE		· · · · · · · · · · · · · · · · · · ·
LEASE NAME: F-29	1-SWD		
TRANSPORTER COMPANY:	R+E Truekine	TIME:	AM/PN
DATE: 2-22-99 VE	HICLE NO .: # 1002	DRIVER NO.:	
CHARGE TO: Rice	-		
	TYPE OF MATERIAL		
[] Production Water [] Tank Bottoms [] Other Material: Description:	[] Drilling Fluids 	[] Completion Flu [] C-117 No.:	
VOLUME OF MATERIAL [] E		RD:	[]
AS A CONDITION TO SUNDANCE JOB TICKET, OPERATOR/SHIPPER R HEREWITH IS MATERIAL EXEMPT F AMENDED FROM TIME TO TIME, 40 AND REGULATIONS RELATED THEF PRODUCED WATERS, AND OTHER V	BBLS: [] YAF SERVICES, INC.'S ACCEPTANCE OF TH EPRESENTS AND WARRANTS THAT T FROM THE RESOURCE, CONSERVATION U.S.C. § 6901, et seq., THE NM HEALT RETO, BY VIRTUE OF THE EXEMPTION WASTE ASSOCIATED WITH THE EXPLO ATURAL GAS OR GEOTHERMAL ENER	HE MATERIALS SHIPPE HE WASTE MATERIAL N AND RECOVERY AC TH AND SAF. CODE § 3 N AFFORDED DRILLING DRATION, DEVELOPME	D WITH THIS SHIPPED T OF 1976, AS 61.001, et seq., 3 FLUIDS,
AS A CONDITION TO SUNDANCE JOB TICKET, OPERATOR/SHIPPER R HEREWITH IS MATERIAL EXEMPT F AMENDED FROM TIME TO TIME, 40 AND REGULATIONS RELATED THEF PRODUCED WATERS, AND OTHER Y PRODUCTION OF CRUDE OIL OR NA ALSO AS A CONDITION TO SUNDA THIS JOB TICKET, TRANSPORTER R	SERVICES, INC.'S ACCEPTANCE OF THE EPRESENTS AND WARRANTS THAT T FROM THE RESOURCE, CONSERVATIO OU.S.C. § 6901, et seq., THE NM HEALT RETO, BY VIRTUE OF THE EXEMPTION WASTE ASSOCIATED WITH THE EXPLO	HE MATERIALS SHIPPE HE WASTE MATERIAL N AND RECOVERY AC TH AND SAF. CODE § 3 N AFFORDED DRILLING DRATION, DEVELOPME GY. OF THE MATERIALS S NLY THE MATERIAL D	D WITH THIS SHIPPED T OF 1976, AS 61.001, et seq., 3 FLUIDS, ENT OR SHIPPED WITH ELIVERED BY
AS A CONDITION TO SUNDANCE JOB TICKET, OPERATOR/SHIPPER R HEREWITH IS MATERIAL EXEMPT F AMENDED FROM TIME TO TIME, 40 AND REGULATIONS RELATED THEF PRODUCED WATERS, AND OTHER V PRODUCTION OF CRUDE OIL OR NA ALSO AS A CONDITION TO SUNDA THIS JOB TICKET, TRANSPORTER RE OPERATOR/SHIPPER TO TRANSPORT FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the a Statement at the above described will certify that no additional man without incident.	SERVICES, INC.'S ACCEPTANCE OF T EPRESENTS AND WARRANTS THAT T FROM THE RESOURCE, CONSERVATIO U.S.C. § 6901, et seq., THE NM HEAL RETO, BY VIRTUE OF THE EXEMPTION WASTE ASSOCIATED WITH THE EXPLO ATURAL GAS OR GEOTHERMAL ENER ANCE SERVICES, INC.'S ACCEPTANCE EPRESENTS AND WARRANTS THAT O	HE MATERIALS SHIPPE HE WASTE MATERIAL N AND RECOVERY AC TH AND SAF. CODE § 3 N AFFORDED DRILLING DRATION, DEVELOPME GY. OF THE MATERIALS S NLY THE MATERIALS S NLY THE MATERIAL D DRTER TO SUNDANCE S ial represented by thi by the above describe	D WITH THIS SHIPPED T OF 1976, AS 61.001, et seq., 3 FLUIDS, ENT OR SHIPPED WITH ELIVERED BY SERVICES, INC.'S is Transporter ed shipper. This
AS A CONDITION TO SUNDANCE JOB TICKET, OPERATOR/SHIPPER R HEREWITH IS MATERIAL EXEMPT F AMENDED FROM TIME TO TIME, 40 AND REGULATIONS RELATED THEF PRODUCED WATERS, AND OTHER Y PRODUCTION OF CRUDE OIL OR NA ALSO AS A CONDITION TO SUNDA THIS JOB TICKET, TRANSPORTER R OPERATOR/SHIPPER TO TRANSPOR FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the a Statement at the above described	SERVICES, INC.'S ACCEPTANCE OF TH EPRESENTS AND WARRANTS THAT T FROM THE RESOURCE, CONSERVATIO D U.S.C. § 6901, et seq., THE NM HEALT RETO, BY VIRTUE OF THE EXEMPTION WASTE ASSOCIATED WITH THE EXPLO ATURAL GAS OR GEOTHERMAL ENER ANCE SERVICES, INC.'S ACCEPTANCE EPRESENTS AND WARRANTS THAT O TER IS NOW DELIVERED BY TRANSPO above Transporter loaded the mater location, and that it was tendered	HE MATERIALS SHIPPE HE WASTE MATERIAL N AND RECOVERY AC TH AND SAF. CODE § 3 N AFFORDED DRILLING DRATION, DEVELOPME GY. OF THE MATERIALS S NLY THE MATERIALS S NLY THE MATERIAL D DRTER TO SUNDANCE S ial represented by thi by the above describe	D WITH THIS SHIPPED T OF 1976, AS 61.001, et seq., 3 FLUIDS, ENT OR SHIPPED WITH ELIVERED BY SERVICES, INC.'S is Transporter ed shipper. This

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	Sundance Services, Inc P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511	Nº	18530
LEASE OPERATOR/SHIP	PER/COMPANY: Rice		
LEASE NAME: F-29	-540		
TRANSPORTER COMPAN	Y: R. E Envirponental	TIME:	AM/PM
DATE: 2-22-99	F 1	RIVER NO.:	
CHARGE TO:		· ·	
	TYPE OF MATERIAL		
[] Production Water [] Tank Bottoms [] Other Material: Description:	[] Drilling Fluids PC Contaminated soil [] BS&W Content:	[] Completion Fluids	40 (Rack 61
		•	
AS A CONDITION TO SUNDAN JOB TICKET, OPERATOR/SHIPPE HEREWITH IS MATERIAL EXEMI AMENDED FROM TIME TO TIME AND REGULATIONS RELATED T PRODUCED WATERS, AND OTHE	CE SERVICES, INC.'S ACCEPTANCE OF THE R REPRESENTS AND WARRANTS THAT THE PT FROM THE RESOURCE, CONSERVATION A 5, 40 U.S.C. § 6901, et seq., THE NM HEALTH HERETO, BY VIRTUE OF THE EXEMPTION A ER WASTE ASSOCIATED WITH THE EXPLORA	MATERIALS SHIPPED WASTE MATERIAL SH AND RECOVERYACT (AND SAF. CODE § 361 AFFORDED DRILLING H ATION, DEVELOPMEN'	HIPPED OF 1976, AS .001, et seq., FLUIDS,
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White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter Revised 12/12/195	DRIVER: July 201	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?	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.	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 DALLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NÁTURAL GAS OR GEOTHERMAL ENERGY.	VOLUME OF MATERIALT] BBLS: IN VARD 20 . []	[] Production Water [] Drilling Fluids [] Completion, Fluids [] Tank Bottoms [] Contaminated soil [] C-117 No.:: Fluids [] Other Material: [] BS&W Content: [] Description: [] L.L.L.L.L.L.L.L.L.L.L.L.L.L.L.L.L.L.L.	TYPE OF MATERIAL	CHARGE TO: K.C.	TRANSPORTER COMPANY: Kt E Enulling Time: AM/PM	LEASE NAME: J-JS-SWD J.C.		Sundance Services, Inc. P.O. Box 1737 ★ Emilee, NM 88231 (505) 394-2511 N2 18532
White Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter Revised 12/27/95	PRIVER: Hundan 9 Joria ISTONATURE FACILITY REPRESENTATIVE: A Lever S. J. Level	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. Th will certify that no additional materials were added to this load, and that the material was delivered without incident.	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.	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, CONERRYATION 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 EXEMPTION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.		[] Production Water [] Drilling Fluids [] Completion Fluids [] Tank Bottoms K] Contaminated soil M C-117 No.: # / A [] Other Material: [] BS&W Content:	TYPE OF MATERIAL	CHARGE TO: C. C.	TRANSPORTER COMPANY: $4 \leq \sum_{u,v,v \in n} \sqrt{u}$ TIME: AM/PM DATE: 22 24 VEHICLE NO.: 700 DRIVER NO.:	LEASE NAME: F-24. SUID	LEASE OPERATOR/SHIPPER/COMPANY: R, C.	Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 N. 2 18533



NEW MEXICO EVERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

May 22, 1999

<u>CERTIFIED MAIL</u> <u>RETURN RECEIPT NO.</u> Z 357 870 128

Carolyn Doran Haynes Rice Operating Company 122 West Taylor Hobbs, NM 88240

Re: Closure Plan for Below-Ground Redwood Tank Excavation and Emergency Overflow Pit (H-64) at SWD F-29 SW/4 Sec 29-Ts18s-R38e Lea County, NM

Dear Ms. Haynes:

Per our telephone conversations on May 12, 1999 The New Mexico Oil Conservation Division (NMOCD) understands that Rice Operating Company's (ROC) previous submittals were actually closure plans for NMOCD approval rather than request for closure, plus the fact that ROC does not intend to have a sub-surface vault design at this location. The NMOCD apologizes for this mis-communication and understands that both the Below-Ground Redwood Tank Excavation and Emergency Overflow Pit (H-64) will be one project since they are on the same contiguous site.

In order to properly evaluate ROC's request the NMOCD requires the additional information for the two closure plans listed below:

Emergency Overflow Pit (H-64);

- 1. Previous samples appeared to have been collected three feet below the bottom of the excavated pit. OCD considers this valuable information in demonstrating vertical extent, but will require actual sidewall and bottom samples to demonstrate the remaining levels of contaminants.
 - Therefore ROC is required to sample, test, and provide to NMOCD the analytical results for each side wall and bottom of the excavated areas. The samples taken shall be tested for BTEX (8021), TPH and Chlorides. Composite samples will be allowed if there are no obvious hot spots. TPH methods can be EPA 418.1, or 8015 if both GRO and DRO are ran. All sampling and testing shall be per approved EPA methods and procedures.
- 2. ROC will notify the OCD Santa Fe office and the OCD District office at least 48 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples during OCD's normal business hours.

Ms. Haynes: Z 357 870 128 May 22, 1999 Page 2

Below-Ground Redwood Tank Excavation:

The New Mexico Oil Conservation Division (NMOCD) is in receipt of Rice Operating Company's (ROC) letter dated March 17, 1999 requesting approval to install a liner to prevent future infiltration from leaching remaining valoes zone water contaminants into under-lying shallow ground water. In order to properly evaluate ROC's request the NMOCD requires the following information:

- 1. Please provide a topographic plot plan drawing of the site defining the areal extent of the contamination and vertical cross-sections showing the isoconcentration values of the remaining contaminants i.e. BTEX, TPH and Chlorides in the vadose zone. Please calculate the estimated remaining mass of these contaminants and report this value in pounds (lbs).
- 2. Please provide to NMOCD the engineering data sheets or product bulletins for the proposed liner. Please provide the engineering design, the effective life of the liner, installation drawing and selection criteria for the liner.
- 3. Please explain how ROC will address lateral migration of moisture under the liner. NMOCD's concern is that possible horizontal infiltration (absorption) may occur due to moisture run-on/off.
- 4. Please provide a plan describing how the buried liner and contaminated soils below the liner will be protected in the foreseeable future. Please include a plan as to how future owners of the property will be advised of the buried material, i.e. deed recording, permanent markers, etc. Please provide proof of ownership of the property.
- 5. Please include a groundwater sampling plan describing how ROC will monitor the groundwater in order to ensure that remaining contaminants will not cause the groundwater standards to be exceeded in the foreseeable future.

If you require any further information or assistance please do not hesitate to write or call me at (505-827-7155).

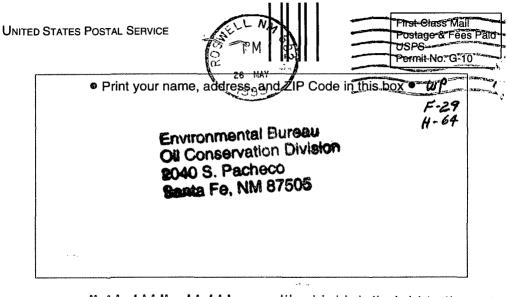
Sincerely Yours,

am 1

Wayne Price-Pet. Engr. Spec. Environmental Bureau

cc: OCD Hobbs Office

the reverse side?	SENDERS Complete items 1 applyor 2 for additional services. Complete items 3, 44 and 4b. Print your name and address on the reverse of this form southar we card to you. Attach this form to the front of the mailpiece, or on the back if space permit. Write "Return Receipt Requested" on the mailpiece below the article Write "Return Receipt Requested" on the mailpiece below the article	e does not e number.	I also wish to receive the following services (for an extra fee): 1.
E	The Return Receipt will show to whom the article was delivered an delivered.	o ine dale	Consult postmaster for fee.
RN ADDRESS completed o	3. Article Addressed to: RICE OPERATING CO. 122 WEST TAYLOR HOBBS, NM 88240 ALL: CARILYN HAYNES	4b. Service 22 Registere Express I Return Ret 7. Date of De	7 870 128 Type Image: Constrained in the second sec
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NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

May 5, 1999

<u>CERTIFIED MAIL</u> <u>RETURN RECEIPT NO. Z 559 573 594</u>

Carolyn Doran Haynes Rice Operating Company 122 West Taylor Hobbs, NM 88240

Re: Closure Plan Below-Ground Redwood Tank Excavation SWD F-29 SW/4 Sec 29-Ts18s-R38e Lea County, NM

Dear Ms. Haynes:

The New Mexico Oil Conservation Division (NMOCD) is in receipt of Rice Operating Company's (ROC) letter dated March 17, 1999 and letter dated April 23, 1999 concerning the above captioned facility requesting approval to install a liner and subsurface vault to prevent future infiltration from leaching remaining vadose zone water contaminants into under-lying shallow ground water. The March 17, 1999 report revealed volatile organics (OVM) and TPH levels remaining in the vadose zone exceeding the values allowed in the guidelines, therefore ROC's request is hereby denied.

ROC shall submit a plan for NMOCD approval addressing how the remaining water contaminants in the vadose zone will be remediated. NMOCD requires submittal by June 25, 1999.

NMOCD defers commit at this time on the subsurface vault design. NMOCD Environmental Bureau will be evaluating this issue to determine if a Rule 711 permit is required.

If you require any further information or assistance please do not hesitate to write or call me at (505-827-7155).

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Sincerely Yours,

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Wayne Price-Pet. Engr. Spec. Environmental Bureau

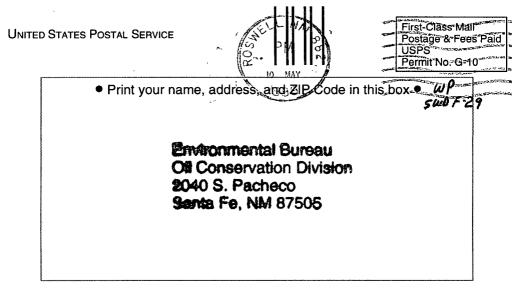
cc: OCD Hobbs Office Martyne Kieling-OCD SF LELE EON: 5/12/79 WP, RA, BO ZITH C HAYDES! F-29 NOT to AB CLOSED BY GENERIC PLAN! OCN ZICC ISSUE REQUEST FOR ADDITIOCHT INFORMATION!

CALLED BACK S/12/99 2:40 pm f BULL INCLUDE H-64 Pit ALSO!

rse slae?	SENDER: Complete items 1 and/or 2 for additional services. Complete items 3, 4a, and 4b. Print your name and address on the reverse of this form so that we card to you.	ćan return this	l also wish to rece following services extra fee):	
level	Attach.this form to the front of the mailpiece; or on the back if space permit;		1. 🗖 Addresse	e's Address
ē	 Write "Return Receipt Requested" on the mailpiece below the article The Return Receipt will show to whom the article was delivered and 		2. 🛛 Restricted	d Delivery
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5	6. Signature: (Addressee or Agent)			•
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-	PS Form 3811, December 1994		Domestic Retu	rn Receipt

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Harlahandalahallaan katalahalah

RICE *Operating Company*

122 West Taylor • Hobbs, NM 88240 Phone: (505) 393-9174 • Fax: (505) 397-1471 RECEIVED

APR 2 / 1999

Environmental Bureau Oil Conservation Division

March 17, 1999

Ms. Donna Williams State of NM Energy and Minerals Dept. Oil Conservation Division P. O. Box 1980 Hobbs, NM 88240

Re: Closure Plan: Emergency Pit and Below-Ground Redwood Tank Excavation, SWD F-29 SW/4, S29, T18S, R38E, Lea County, NM

Dear Ms. Williams:

On January 25, and February 19, 1999, Rice Operating Company applied for closure of the Emergency Pit at the above referenced location and was informed in a telephone conversation with you and a separate telephone conversation with Mr. Wayne Price (Feb 23, 1999) that the redwood tank excavation site had to be included in the Emergency Pit Closure request. Because the Emergency Pit has already been revised and re-submitted for closure (February 19), this plan includes only the redwood tank site.

Rice Operating Company prepared a work plan to determine the vertical extent of TPH and chloride impact to the vadose zone at the redwood tank excavation. On March 6, 1999, the chloride concentration of soil was delineated in the vadose zone that was directly beneath the redwood tanks (removed January, 1999.) The Hobbs District I Office of OCD was notified 48 hours in advance, and Mr. Wayne Price visited the site to witness boring, sampling, and testing operations while in progress.

The ground water in this area was determined by this boring to be 50 feet from surface grade. Attached are the March 6, 1999, drilling logs with applicable subsurface lithology, analyticals, and remarks. The total boring depth was 36 feet for the East boring and 50 feet for the West boring. Chlorine levels in the soil boring samples were field tested as were OVM levels. Chlorides, TPH, BTEX were tested at Cardinal Laboratory for both soils and groundwater. Laboratory results and chains-of-custody are attached.

The chlorides and BTEX levels of the groundwater indicate that the groundwater has not been adversely impacted by the migration of salt water. However the West area vadose zone contains a high level of TPH (3660ppm) within 10 feet of groundwater. Chlorides are <250ppm at 10 feet above groundwater. The East area of the excavation tested <100ppm TPH and <250ppm Chlorides 20 feet above groundwater. Results are summarized below.

SAMPLE ID	DEPTH	OVM	CHLC	RIDE	ТРН
SAMELE ID	DEI III		FIELD	LAB	
West BH B-1	40-41 feet	1125	440	206	3660
West BH B-1	45-46 feet	61	150	158	70.8
East BH B-2	30-31 feet	41	275	95	48.0
East BH B-2	35-36 feet	33	100	63	465*
East BH B-2	35.5 feet				117
Groundwater	50 feet		150	194	BTEX<10

Table 1: Facility F-29 Analytical Results in PPM of Boring Sampling March 5, 1999

*This value is believed to be an anomaly. A reserve sample at 35' was tested for confirmation.

The boring in the West area of the excavation was cased and developed in order to test the groundwater. The East boring was filled with bentonite. ~ 2

Recommendation for Risk Assessment:

Considering the concentration of TPH and chlorides in the vadose zone:

- A. > 250ppm chlorides and > 100ppm TPH within 50 feet of groundwater
- B. Normal rainfall level could conceivably afford the possibility of chlorides and TPH leaching into the groundwater during the next 10,000 years.
- C. Rice Operating proposes to eliminate the progression of moisture and therefore chlorides and TPH to groundwater by installing a buried, impervious layer of 40-mil polyethylene fabric over the affected area (90' X 65'). The ground under the fabric will be padded with rock-free sand and graded to allow moisture flow away from the area.
- D. The liner will be covered and packed with a layer of rock-free sand, and then the excavation will be backfilled with clean caliche.
- E. The surface above the liner will be defined by concrete markers at the center and corners, with an identification etched in the center marker.
- F. The completed well in the West area of the excavation will be regularly tested to monitor the Chloride and TPH levels of the ground water.

Rice Operating Company submits this additional information pursuant to NMOCD's request and petitions for closure plan approval for the facility at F-29. Attached is a copy of the February 19, 1999 Emergency Pit Closure request made by F. Wesley Root, including the previously submitted analytical data.

If this closure plan is acceptable, the impenetrable layer will be installed and then the Pit Remediation and Closure form will be completed and submitted. No further work will be performed at this site until the NMOCD responds to this request. This facility is located on a well-traveled road and is highly visible. Rice Operating appreciates timely consideration in this matter.

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If you have any questions, please call.

Carolyn Doren Harper

Carolyn Doran Haynes Operations Engineer

Enclosures: Drilling Log Laboratory Results and Chains-of-Custody Pit Inventory Form

Cc: KH, file

V

122 W Hobbs, Nev Phone: (5	rating Company Vest Taylor w Mexico 88240 505) 393-9174	SWD Farility F-29 29-T18S-R38E	Well Depth:	Boring De	144 11 4 4 1 4 4	
Hobbs, Nev Phone: (5	w Mexico 88240	23-1103-NJOE	60'	60'	Well Material: Sch 40 PVC	Construction:
	SUST 493-9174 1	Lea Co. New Mexico	Casing Length: 30'/40' GS	Boring Dia 6"		Grouted Bentonite plug
	05) 397-1471		Screen Length: 20'	Drilling Me Air Rota	thod: Slot Size:	-
DEPTH (Feet)	SUBSUR	FACE LITHOLOGY	Sample Type	OVM (ppm)	REMARKS	Boring
10	Bottom of Excava	ation at 10' BGS	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
11	Gray- brown, fine-	grained, calcareous sand (caliche)	-			
— 12 - — ·13	Indurated light brow	wn calcareous sand (caliche)	-			
14	·	· · · · · · · · · · · · · · · · · · ·	_			
15	Light brown calcare	eous sand (caliche)	Split-Spoon	242	• Chloride – 800 ppm	
16 17	Englite of o will output			Γ		
18						
- 19						
20 21			Split-Spoon	452	• Chloride – 800 ppm	
22						
— 23						
— 24 — 25						
- 26			Split-Spoon	456	• Chloride – 1700 ppm	
- 27						
28 29	Indurated silicaous		-			
				241		
J,	Light red-brown cal	Icareous sand (SM)	Split-Spoon	241	• Chloride – 700 ppm	
— 32 — 33						
- 34	<u> </u>	········	_			
35 1 36	Light gray limeston	e interbedded with sand stringers	Split-Spoon	549		
37						
- 38			- 			
39 ₁ 40	Brown fine grain sli	ghtly calcareous sand	Split Speep	1125	• Chloride – 440 ppm	
— 40 — 41			Split-Spoon	1125	 ♦ Chloride – 206 ppm ♦ TPH – 3660 ppm 	
- 42	Sand interbedded		-		rr	
	w/ gray limestone	 Field Test Laboratory Result 				
45	stringers	Cement Grout	Split-Spoon	61	 Chloride – 150 ppm Chloride – 158 ppm 	
- 46					◆ TPH – 70.8 ppm	
	Brown fine grain slightly calcareous	Bentonite Seal				
	sand (SM)	Sand Pack	<u> </u>	L		
50		0.02 Screen	Split-Spoon	4	DTW 50' @ 15:30	

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DRILL	ING LOG	Site Name (Location	Well No. B-2	Date Drille 3-5-9		Driller: C. Harrison	Logged by: FWR
	erating Company	SWD Facility F-29	Well Depth:	Boring Sa		Well Material:	Construction:
Hobbs, N	West Taylor ew Mexico 88240	29-T18S-R38E Lea Co. New Mexico	Casing Length:	Boring Dia	meter:	Casing Size:	Plugged with Bentonite
	(505) 393-9174 505) 397-1471		Screen Length:	Drilling Me		Slot Size:	-
				Air Rota	· · · · ·		
DEPTH (Feet)		RFACE LITHOLOGY	Sample Type	OVM (ppm)	F	REMARKS	Boring
10	Bottom of Excav	ation at 10' BGS	-				
11	Light Gray silty ca	liche					
· 13							
14			Split-Spoon	443]		
- 16				Т	l		
17							
18							
20			Split-Spoon	236	1		
21	Light gray calcared Silty, fine grained	ous sand (caliche)	Spin Spoon	230			
22	Shty, the fidned						
23							
<u> </u>					Į		
26			Split-Spoon	371			
27					ſ		
28							
29					• Chlor	ide – 275 ppm	
30 31			Split-Spoon	41	+ Chlo	ride – 95 ppm	
32					◆ TPH	– 48 ppm	
- 33	Light red-brown ca	lcareous sand (SM)					
- 34	Fine grained.				• Chlor	ida 100 mm	
35			Split-Spoon	33		ide – 100 ppm ride – 63 ppm	
	D.#	+ 20 D00				– 117 ppm	
	Bottom of boring a	130 BUS					
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40				*	1997 - 1997 1997 - 19	·.	
41							
42 43		<i>i</i>					
						eld Test	
45					♦ La	boratory Result	
- 46						Bentonite Seal	
47							
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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: F. WESLEY ROOT 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 03/08/99 Reporting Date: 03/09/99 Project Number: NOT GIVEN Project Name: SWD WELL F-29 Project Location: 29-T195-R38E, LEA CO. NM Sampling Date: 03/05/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: BC/AH

LAB NUMBER SAMPLE ID	TPH (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE:	03/08/99	03/08/99
H4049-1 B-1 (40-41')	3660	206
H4949-2 B-1 (45-46')	70.8	158
H4049-3 B-2 (15-16')	10400	665
H4049-4 B-2 (30-31')	48.0	95
H4049-5 B-2 (35-36')	465	63
Quality Control	244	1335
True Value QC	240	1319
% Recovery	102	101
Relative Percent Difference	3.2	1.5
METHODS: EPA 600/4-79-02	418.1	325.3

MAR RICE OPERATING HOBBS, MM

*Analyses performed on 1:4 w:v aqueous extracts.

Date

H4049-1.XLS

PLEASE NOTE: Llability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising. whether based in contract or torr, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thiny (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 profils incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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: F.WESLEY ROOT 122 W. TAYLOR HOBBS, NM 88240 FAX TO:

Receiving Date: 03/05/99 Reporting Date: 03/06/99 Project Owner: RICE OPERATING Project Name: SWD F-29 Project Location: 29-T18S-R38E, LEA CO., NM Sampling Date: 03/05/99 Sample Type: GROUNDWATER Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: BC

				ETHYL	TOTAL
LAB NO. SAMPLE ID	Cl	BENZENE	TOLUENE	BENZENE	XYLENES
	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
ANALYSIS DATE:	03/05/99	03/05/99	03/05/99	03/05/99	03/05/99
H4046-1 B-1	194	<0.002	<0.002	<0.002	<0.006
			L		
			· · · · · · · · · · · · · · · · · · ·	-	
Quality Control	1335	0.089	0,095	0.092	0.276
True Value QC	1319	0.100	0.100	0.100	0.300
% Recovery	101	88.9	94.6	91.5	92.0
Relative Percent Difference	1.5	3.5	4.6	4.0	5.1

METHODS: CI- Std. Methods 4500-CI'B; BTEX - EPA SW-846 8260

Bury up La Cashe

H4046.XLS

PLEASE NOTE: Liability 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 negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thinty (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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240 (915) 673-7001 Fax (915) 673-7020 (505) 303 2326 Fax (505) 202 2320

Company Name.	×		393-2326 Fa	(505) 393-2326 Fax (505) 393-2476		Page of	
company Name.	UPARATINY	LONDANY			7	ANALYSIS REOUEST	Γ
Project Manager:	1		BILL TO) PO#:			T
Address: 122	West TAYLOR		Company: Â/<́∉	Rice OPERATING	5		
City: Habbs		88240	Attn: F, W	1 2			•
Phone #: 505	393-9174		Address: /	Address: 122 West TaxLap	9		
Fax #:			City: Habbs	45			
Project #:	Project Owner: /	Rice Operating	State: \mathcal{NM}	1 Zip: 88240	10		
Project Name: S	SWA F-29		¥	505-393-9174			
Project Location: 2	29-7185-A38E, Lea Ca,	o, NM	Fax #:				
FOR LAB USE ONLY		MATRIX	PRES.	SAMPLING	 		
LAB I.D.	Sample I.D.		нек : : / Соог :ID: .Нек :		BTEX biaoldo		
1-94 WAH	B~1		TO ⊃A ∃⊃I <i>7</i>	DATE TIN 225-99 17:1			
		4-		-			
) /~었	6 V	2	3-5-79 17:15	5		
PLEASE NOTE: Liability and Dar analyses. Ail claims including thos	PLEASE NOTE: Liability and Damagee. Cardinate statisty and client's exclusive remedy for any claim arising whether based in contract or tont, shall be imited to the amout paid by the client for the analyses. At claims including those for neglopones and any other cause whateboower shall be downed way within and whether these most or the most	iedy for any claim arising whether base shall be doemed walvod wiess made i	d in contract or tort, si multipo and received	half be limited to the amount p by Cardinal within 30 days	ald by the client for the	Torms and Conditions: interest will be charged on all accounts more than	7
service. In no event shall Cardina affiliates or successors arising out	service. In no event shall Cardnal be liable for inclosinal or consequential damages, including without limitation, business interuptions, loss of use, or loss of profits incurred by calent, its subcladaries, aniliates or successors and sing out of or related to the performance of services thereunder by Cardnal, regardess of whether such claim is based upon any of the above stated reasons or hitemate	including without Imitation, busineas in Inder by Cardinal, regardess of wheth	demuptions, loss of use er such claim is based	o, or loss of profits incurred by upon any of the above stated	ner comprendent of the applicable y ckent, its subsidianes, freasons or otherwise.	30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.	
Sampler Relinquish	ed: Date: 3-5-0	۲۹۹ Received By:		Phone	Phone Result D Yes D No Additional Fax #	onal Fax #:	ſ
P. Wheley	Rof Time: 17:4	'45 '45		Fax Result REMARKS	: D Yes		
Relinquished By.	Date:	Received By: (Lab	Lab Staff)		-		
	Time:	KAN PL	1 Par	10			
Delivered Bv: (Circle One)	ircle One)	SampleCondit		CKED BY:		•	
Sampler - UPS - Bi	Bus - Other:	Cool Intact IX Yes X Yes		(Initials)			

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

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<u> </u>
P () Box 1980
Hobbs, NM 88241-1980
District 11 - (505) 748-1283
all S. Firm
A NM 88210
District [1] - (505) 334-6178
1000 Rio Brazos Road
ATTec. NM 87410
District IV - (505) 827-7131

New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Submit Original Plus I Copy to Santa Fr

Originated 6/27/97

PIT INVENTORY FORM

Operator:				
Address: 122 WEST TAYLOR				
HOBBS NM 88240				
Phone Number: (505) 393-9174				
Previous Operator(s): Hobbs Salt Water Disposal System				
Is the pit permitted: Yes 🗌 No 📾				
Unit Letter: F Section: 29 Township: 185 Range: 38E				
County: Lea				
Location Name Rice_Operating Company Salt Water Disposal F-29 Well				
Number of wells to the pit: <u>Truck terminal</u> (varies)				
Are the wells to the pit operated by one operator \mathbb{X}^{k} or multiple operators \Box				
Total daily volume (in barrels) to the pit:				
Pit Type: <u>2 - below ground Redwood terminal tank</u> (Emergency, Production, Workover, Reserve/Drilling(greater than 6 months old), Flare, Blowdown, Seperator, Dehydrator, Line Drip, BS&W/Tank Bottoms, Compressor, Pigging, Washdown, or other)				
What types of wastes are accepted in the pit (Exempt, Non-exempt, Both, None): Exempt (production test)				
Pit age (years):				
Is the pit lined 🖾 or unlined 🗌				
Type of liner (None, Synthetic, Clay) : Redwood tanks on concrete pad				
Is leak detection present: Yes No Observation boxes around tanks				
Is the pit netted: Yes 🎦 No 🗌 Covered with Redwood top				
Pit dimensions (LxWxD): 28" dia x 8" HT				
CERTIFICATION				
I hereby certify that the information submitted is true and correct to the best of my knowledge and belief.				
Name Roger Hall Title Operations Engineer				
SignatureRogen Itall Date: 10/31/97				

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indst i · (505) 393-6161		New Mexic	10	Originated 6/27/97
0. Ban 1980 John: NM 88241-1980	Energy Minerals an	nd Natural R	lesources Department	
District [] - (505) 748-1283		onservation		
runia. NM 28210 District [[] - (505) 334-6178	—	a Fe, New Mexic		Submit Original
000 Rio Benzos Rosd stec. NM 87410 histrict IV - (505) 827-7131		(505) 827-713	1	Plus I Copy to Santa Fe
	4)(19)(2013年2月2日)(1919年1月1日)(191			an Theorem 2008 - Belair at Roy Tale (and the State Res
		NVENTORY	FORM	
Operator:	RICE OPERATING COMP	ANY		
Address:	122 WEST TAYLOR			
	Hobbbs, New Mexico			·
Phone Number:	(505) 393-9174	-		· · · ·
Previous Operator(s):	Hobbs Salt Water I	Disposal Sy	stem	
Is the pit permitted:	Yes 🕅 No 🗌			
Unit Letter: F Section	n:29 Township: 185	Range: 38	<u> </u>	
	Lea County			
Location Name:	F-29 Salt Water Disp	oosal Syster	n Well	
Number of wells to th	e pit:	_		
Are the wells to the pi	t operated by one operator 🕅	(or multiple ope	rators	
Total daily volume (in	barrels) to the pit:No	one		
Pit Type:	Emergency			
(Emergency, Production, W Line Drip, BS&W/Tank Bo	brkover. Reserve/Drilling(greater that atoms. Compressor. Pipping. Washdo	us 6 months old).A wa, or other)	are, Blowdown, Seperator, Dehyda	3104
-	accepted in the pit (Exemp		Both North Exempt(proc	luction water)
	35	an on eachper		<u></u>
Is the pit lined or				
• · · ·			3 - 22	· .
- · ·	(nthetic, Clay) : <u>None</u>	······		
Is leak detection preser	nt: Yes 🗌 No 🐼			
Is the pit netted: Yes				
Pit dimensions (LxWxI	D): <u>63' X 29' X 3'</u>			
CERTIFICATION				
. nereby certify that the	information submitted is true	e and correct to t	the best of my knowledge an	d belief.
Name	Roger Hall	Title:	Operations Engi	neer
Signature7t	von Hall	Date	10/28/97	
			1 /	

Submit 4 Copies to Appropraite District Office	Energy, Minerals and	r New Mexico Natural Resources Department	Form C-134 Aug. 1, 1989
District Office <u>DISTRICT I</u> P.O. Box 1980, Hobba, NM 88241-1980	OIL CONSER'	VATION DIVISION Box 2088	
<u>DISTRICT II</u> P.O. Drawer DD, Artesia, NM 88211-0719	Santa Fe, New	Mexico 87504-2088	Permit No. H-64
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410			(For Division Use Only)
		TION TO DIVISION O ule 8(b), Rule 105(b), Rul	RDER R-8952 le 312(h), Rule 313, or Rule711(I)
Operator Name: Rice Engine	ering Corporat	ion	······
Operator Address: 122 W. Tay	lor, Hobbs, Ne	w Mexico 88240	
Lease or Facility NameSWD_We	11 F-29	Location_	<u>F 29 185 38</u> F
Size of pit or tank: 63'x29'x3	' deep, approx	. 1000 bbls.	Ut. Ltr. Sec. Twp. Rge
Operator requests exception from the	e requirement to screer	, net or cover the pit or tank	at the above-described facility.
The pit or tank is not	t hazardous to migrator	v waterfowl. Describe comp	letely the reason pit is non-hazardous
	-		r well remedial work.
		sies saen as majo	i well lemental work,
<u>Normally kept emp</u>	ty		
1) If any oil or hydrocarbo	ons should reach this fa	cility give method and time r	required for removal:
Method: Vacuum tr	ruck		
	t hrs. of disco	overv	
-			
	ns reach the above-de ice of the OCD with 24	scribed facility the operator is hours.	s required to notify the
Operator proposes the	following alternate prot	ective measures:	
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
CERTIFICATION BY OPERATOR: 1 knowledge and belief.	hereby certify that the i	nformation given above is tru	ue and complete to the best of my
Signature <u>S.A. Hakta</u>	Title	Division Manager	Date July 25, 1990
Printed Name S. A. Haktani			3-9174
Philed NameS. A. Haktani	.1		5-91/4
OR OIL CONSERVATION DIVISION	IUSE		
Date Facility Inspected 8290		Approved by	
Inspected by Din who	4 ,	Title	
	\	Date	JE 11 1 1990

PICE Operating Company

122 West Taylor • Hobbs, New Mexico 88240 Phone: (505)393-9174 • Fax: (505) 397-1471

February 19, 1999

Ms. Donna Williams State of New Mexico Energy and Minerals Department Oil Conservation Division P. O. Box 1980 Hobbs, NM 88240

Re: Closure Plan Emergency Overflow Pit (Permit No. H-64) Salt Water Disposal Well No. F-29 Southwest 1/4, Section 29 of T18S R38E, Lea County, New Mexico

Ms. Williams:

Rice Operating Company (Rice) requests that the New Mexico Oil Conservation Division (OCD) approve this closure plan for the emergency overflow pit located at the above listed facility. The pit will be closed in accordance with the conditions specified in your letter dated February 4, 1999 and the Unlined Surface Impoundment Closure Guidelines published by the OCD.

Target Chloride Level

Based on conversations with Mr. Roger Anderson, Environmental Bureau Chief, OCD, it is Rice's understanding that a target level of 250 ppm (mg/l) has been established for delineation of chloride impact to the vadose zone as a result of operations regulated by the OCD.

Determination of General Site Characteristics

A field survey of the pit and surrounding area was conducted to determine the wellhead protection area and distance to the nearest surface water body.

No private domestic water source was identified within 200 feet of the pit.

No water wells were identified within 200 feet of the pit.

No surface bodies of water or groundwater discharge sites (seeps, springs, marshes, or swamps) were identified within 1,000 feet of the pit.

Depth to ground water at the site is estimated to be 45 feet below ground surface based on information obtained from the New Mexico State Engineers Office in Roswell, New Mexico.

Soil Remediation Levels

The total ranking score and corresponding recommended soil remediation levels pursuant to Section II A of the Closure Guidelines are as follows:

CRITERIA	APPLICABLE STANDARD	SCORE
Depth to ground water	Less than 50 feet	20
Well head protection	Greater than 1,000 feet from water source	
	Greater than 200 feet from private water source	0
Surface water bodies		0
TOTAL RANKING SC	ORE	20

ANALYTICAL PARAMETER	REMEDIATION LEVEL	
Benzene	10 ppm*	
BTEX (benzene, toluene, ethylbenzene, and xylenes)	50 ppm*	
TPH (total petroleum hydrocarbon)100 ppm**		
* A field soil vapor headspace measurement of 100 ppm ma of the benzene and BTEX concentration limits pursuant to Se	•	

** TPH Remediation Level = 100 ppm plus background concentration

Initial Assessment

The emergency pit was visually inspected for evidence of hydrocarbon impact. A small area in the north end of the pit exhibited moderate surface staining. The stained area was excavated and the soil was staged on location pending transport to an OCD permitted facility for disposal.

Three soil samples were collected to verify that the emergency pit meets the remediation levels. The samples were split into two portions. One portion was field screened for soil vapor headspace using a HNU DL-101 photoionizer detector (PID) pursuant to Section II.B.1 of the closure guidelines. The remaining sample portion was submitted to Cardinal Laboratories for TPH analysis using EPA Method 8015M. In addition, the samples were analyzed for chloride concentrations using EPA Method 325.3. Field headspace readings and analytical results are presented in the following table.

SAMPLE ID	OVM	CHLORIDE	TOTAL PETROLEUM	
			HYDROCARBONS	
PBN	6 ppm	79 ppm	59.9 ppm	
PBS	3 ppm	79 ppm	30.7 ppm	
PBC < 1 ppm - 30.2 ppm				
PBN = composite sar	nple from the bo	ttom of the excavation	on in the north end of the pit (3.5 feet below pit bottom)	
PBS = sample from t	he bottom of the	trench in the south e	end of the pit (3.5 feet below pit bottom)	
PBC = composite san	uple of the mater	ial forming the botto	om and sides of the pit	

Summary

- Field headspace results measured levels well below 100 ppm and will be substituted for BTEX analysis. Soil TPH concentrations are below the remediation level of 100 ppm. Soil Chloride levels ranged from 79 to 111 ppm and are below the target chloride level of 250 ppm.
- The site assessment activities verify that the vertical and horizontal extent of impact has been delineated and that the remaining hydrocarbon concentrations meet the remediation standards for closure pursuant to the Unlined Surface Impoundment Closure Guidelines.

Conclusion

Based on the information presented, the pit is in compliance with OCD closure regulations. Rice will initiate closure activities upon receipt of written OCD approval of this plan. Closure activities include filling the pit with clean material purchased from a caliche pit and transporting the excavated material (approximately 40 loose cubic yards) to the Parabo Disposal Facility operated by Sundance Services, Inc. for disposal.

Once all closure activities have been completed, Rice will submit a Pit Remediation and Closure Report to the OCD. The report will include copies of the laboratory results, chains-of-custody, and disposition of any wastes generated.

If you have any questions, please call me at (505) 393-9174.

Sincerely,

F. Wesley Root

F. Wesley Root Projects Manager

Cc: CH, File



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: F. WESLEY ROOT 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 03/08/99 Reporting Date: 03/09/99 Project Number: NOT GIVEN Project Name: SWD WELL F-29 Project Location: 29-T195-R38E, LEA CO. NM Sampling Date: 03/05/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: BC

				ETHYL	TOTAL
	•	BENZENE	TOLUENE	BENZENE	XYLENES
LAB NO.	SAMPLE ID	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
ANALYSIS	DATE	03/08/99	03/08/99	03/08/99	03/08/99
H4049-1	B-1 (40-41')	0.003	0.005	0.007	0.124
H4049-3	B-2 (15-16')	<0.002	<0.002	0.090	0.097
Quality Contr	rol	0.089	0.098	0.095	0.286
True Value C	QC	0.100	0.100	0.100	0.300
% Recovery		89.1	98.1	94.6	95.2
Relative Perce	cent Difference	0.3	3.6	3.3	3.4

METHOD: EPA SW-846 8260

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<u>3/9/19</u>

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RICE OPERATING HOBBS, NM

1999

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ARDINAL LABORATORIES, INC. 2111 Beechwood, Abilene, TX 79603

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101 East Marland Hobbs NM 882

	(915) 673-7001 Fax (915)	673-7020	(505) 393-2326 Fax (505) 393-2476			Page of	
	ce Operation Co.				ANA		
Project Manager: F	Wesley Root		BULTO Po #:				
Address: 122 West	St TAYLOR		Company:				
City: Hobbs	State:///ŋ Zip:	p: 88240	Attn:	'- 			
Phone #: 505-393	13-9174		Address:				
Fax #: 505-397	1241-5		City:			·	
Project #:	Project Owner:	r: Rice Operation	State: Zip:			· · · ·	
Project Name: SWD	Well F-29		#				
Project Location: 2.9	-T195- R38E, Lea	A Co. NM		<u>_</u> _			
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14	B-2 (30-31')	611		۲ ۲			
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F /1/2. C. X	X	Time: 1.2 1.94 Received BV:	Phone Result Fax Result:	(es	No Additional Fax #: No	Fax #:	
Relinquished By:	Date:	Received By: (Lab Staff)	.ab Staff)				
1	Time:	Smill	HLAPlach.				
	(Circle One)	Sample Condition	CH CH		-		
Sampler - UPS - Bus	Other:		(initials)				
† Cardinal cannot	t accept verbal changes	Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.	es to 915-673-7020.				



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: F. WESLEY ROOT-122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 03/10/99 Reporting Date: 03/11/99 Project Owner: RICE OPERATING Project Name: SWD WELL F-29 Project Location: 29-T19S-R38E, LEA CO., NM Analysis Date: 03/11/99 Sampling Date: 03/05/99 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: BC

MAR

5 1999

CE OPERATING HOBES, NM

-1

LAB NUMBER SAMPLE ID

TPH (mg/Kg)

H4056-1	B-2 (35.5')	117
Quality Control	<u></u>	244
True Value QC	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	240
% Recovery		102
Relative Percent D	ifference	3.2

METHOD: EPA 600/4-79-020 418.1

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Date

Date

H4056.XLS

PLEASE NOTE: Liability 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 negligence 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 hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

ARDINAL LABORATORIES INC.	UNU			CHAIN-OF-CU	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	YSIS REQUE	H
2111 Beechwood, Abilene, TX 79603			Mariand, Hobbs, NM 88240				
(915) 673-7001 Fax		(505) 393-2326 Fax (505) 393-2476)5) 393-2476 '		Pa	Page / of /	
				4	ANALYSIS REOUEST		Γ
Project Manager: F. Wester Rait		BILL TO	PO #:		ł.		Τ
Address: 122 West TAYOR		Company:					
City: <i>H</i> ['] ₀ <i>665</i> State: <i>M</i> _M Zip: <i>88240</i>		Attn:					
Phone #: 505-393- 9/74		Address:					
Fax #: 505-397-1471		City:					
Project #: Project Owner: $Rice O_p$	OPERATion.	State:	Zlp:				(
Project Name: どんひ んんしん F-29		Phone #:					Ø
Project Location: 29-7195-838E, Lea Co, NM		Fax #:					
FOR LAB USE ONLY	MATRIX	PRES.	SAMPLING				
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† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.



122 West Taylor • Hobbs, New Mexico 88240 Phone: (505)393-9174 • Fax: (505) 397-1471

February 19, 1999

Ms. Donna Williams State of New Mexico Energy and Minerals Department Oil Conservation Division P O. Box 1980 Hobbs, NM 88240

RECEIVEL MAR 2 3 1999 Environmental Bureau Oil Conservation Division

Re: Closure Plan Emergency Overflow Pit (Permit No. H-64) Salt Water Disposal Well No. F-29 Southwest 1/4, Section 29 of T18S R38E, Lea County, New Mexico

Ms. Williams:

Rice Operating Company (Rice) requests that the New Mexico Oil Conservation Division (OCD) approve this closure plan for the emergency overflow pit located at the above listed facility. The pit will be closed in accordance with the conditions specified in your letter dated February 4, 1999 and the Unlined Surface Impoundment Closure Guidelines published by the OCD.

Target Chloride Level

Based on conversations with Mr. Roger Anderson, Environmental Bureau Chief, OCD, it is Rice's understanding that a target level of 250 ppm (mg/l) has been established for delineation of chloride impact to the vadose zone as a result of operations regulated by the OCD.

Determination of General Site Characteristics

A field survey of the pit and surrounding area was conducted to determine the wellhead protection area and distance to the nearest surface water body.

No private domestic water source was identified within 200 feet of the pit. No water wells were identified within 200 feet of the pit.

No surface bodies of water or groundwater discharge sites (seeps, springs, marshes, or swamps) were identified within 1,000 feet of the pit.

Depth to ground water at the site is estimated to be 45 feet below ground surface based on information obtained from the New Mexico State Engineers Office in Roswell, New Mexico.



The total ranking score and corresponding recommended soil remediation levels pursuant to Section II A of the Closure Guidelines are as follows:

CRITERIA	APPLICABLE STANDARD	SCORE
Depth to ground water	Less than 50 feet	20
Well head protection	Greater than 1,000 feet from water source	
- -	Greater than 200 feet from private water source	0
Surface water bodies		0
TOTAL RANKING SC	CORE	20

ANALYTICAL PARAMETER	REMEDIATION LEVEL		
Benzene	10 ppm*		
BTEX (benzene, toluene, ethylbenzene, and xylenes)	50 ppm*		
TPH (total petroleum hydrocarbon)100 ppm**			
 A field soil vapor headspace measurement of 100 ppm ma of the benzene and BTEX concentration limits pursuant to S ** TPH Remediation Level = 100 ppm plus background content 	ection II.B.1, Closure Guidelines		

Initial Assessment

The emergency pit was visually inspected for evidence of hydrocarbon impact. A small area in the north end of the pit exhibited moderate surface staining. The stained area was excavated and the soil was staged on location pending transport to an OCD permitted facility for disposal.

Three soil samples were collected to verify that the emergency pit meets the remediation levels. The samples were split into two portions. One portion was field screened for soil vapor headspace using a HNU DL-101 photoionizer detector (PID) pursuant to Section II.B.1 of the closure guidelines. The remaining sample portion was submitted to Cardinal Laboratories for TPH analysis using EPA Method 8015M. In addition, the samples were analyzed for chloride concentrations using EPA Method 325.3. Field headspace readings and analytical results are presented in the following table.

SAMPLE ID	OVM	CHLORIDE	TOTAL PETROLEUM HYDROCARBONS		
PBN	6 ppm	79 ppm	59.9 ppm		
PBS	3 ppm	79 ppm	30.7 ppm		
PBC <1 ppm 111 ppm 30.2 ppm					
PBS = sample from	the bottom of the	trench in the south of	on in the north end of the pit (3.5 feet below pit bottom) end of the pit (3.5 feet below pit bottom) om and sides of the pit		

Summary

- Field headspace results measured levels well below 100 ppm and will be substituted for BTEX analysis. Soil TPH concentrations are below the remediation level of 100 ppm. Soil Chloride levels ranged from 79 to 111 ppm and are below the target chloride level of 250 ppm.
- The site assessment activities verify that the vertical and horizontal extent of impact has been delineated and that the remaining hydrocarbon concentrations meet the remediation standards for closure pursuant to the Unlined Surface Impoundment Closure Guidelines.

Conclusion

Based on the information presented, the pit is in compliance with OCD closure regulations. Rice will initiate closure activities upon receipt of written OCD approval of this plan. Closure activities include filling the pit with clean material purchased from a caliche pit and transporting the excavated material (approximately 40 loose cubic yards) to the Parabo Disposal Facility operated by Sundance Services, Inc. for disposal.

Once all closure activities have been completed, Rice will submit a Pit Remediation and Closure Report to the OCD. The report will include copies of the laboratory results, chains-of-custody, and disposition of any wastes generated.

If you have any questions, please call me at (505) 393-9174.

Sincerely,

7. Wesley Root

F. Wesley Root Projects Manager

Cc: CH, File





NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

CONSERVATION DIVISION DISTRICT I HOBBS PO BOX 1980, Hobbs, NM 88241 (505) 393-6161 FAX (505) 393-0720

Jennifer A. Salisbury CABINET SECRETARY

February, 4 1999

Wesley Root RICE Operating Company 122 West Taylor Hobbs, New Mexico 882240

RE: Closure Plan Emergency Overflow Pit (Permit No. H-64) Salt Water Disposal Well No. F-29, Southwest ¼, Section 29, T18S, R38E, Lea County, New Mexico

Dear Mr. Root,

The New Mexico Oil Conservation Division (OCD) has reviewed Rice Engineering Corporation's (RICE) January 25, 1999 "Closure Plan" of the emergency overflow pit at the above listed facility. The above referenced closure plan is **unapproved** until the following information is received by the OCD Hobbs District Office.

- 1. A summary of the laboratory analytical data pertaining to the TPH results given in the correspondence dated January 25, 1999 and the associated quality assurance/quality control (QA/QC) requirements.
- 2. A summary of the laboratory analytical data on chlorides from the excavated area and associated QA/QC requirements.

If you require any further information or assistance please do not hesitate to write or call me at (505-393-6161 ext..113).

Sinecrely,

Donna Williams-Environmental Engineer

CC: Wayne Price; Chris Williams

ICE Operating Company

aleman W.

122 West Taylor • Hobbs, New Mexico 88240 Phone: (505)393-9174 • Fax: (505) 397-1471

January 25, 1999

Mr. Chris Williams State of New Mexico Energy and Minerals Department Oil Conservation Division P. O. Box 1980 Hobbs, NM 88240

Re: Closure Plan Emergency Overflow Pit (Permit No. H-64) Salt Water Disposal Well No. F-29 Southwest 1/4, Section 29 of T18S R38E, Lea County, New Mexico

Mr. Williams:

Rice Operating Company (Rice) requests that the New Mexico Oil Conservation Division (OCD) approve closure of the emergency overflow pit at the above listed facility. The pit will be closed in accordance with the Unlined Surface Impoundment Closure Guidelines published by the OCD, dated February 1993.

The pit is an unlined emergency overflow pit, approximately 63 feet long by 29 feet wide by 3 feet deep, associated with a salt water disposal well facility. The facility is located outside the city limits of Hobbs and is surrounded by unimproved pastureland.

Determination of General Site Characteristics

A field survey of the pit and surrounding area was conducted to determine the wellhead protection area and distance to the nearest surface water body.

No private domestic water ource was identified within 200 feet of the pit

No water wells were identified within 200 feet of the pit.

No surface bodies of water or groundwater discharge sites (seeps, springs, marshes, or swamps) were identified within 1,000 feet of the pit.

Depth to ground water at the site is estimated to be 45 feet below ground surface based on information obtained from the New Mexico State Engineers Office in Roswell, New Mexico.



Soil Remediation Levels

The total ranking score and corresponding recommended soil remediation levels pursuant to Section II A of the Closure Guidelines are as follows:

CRITERIA	APPLICABLE STANDARD	SCORE
Depth to ground water	Less than 50 feet	20
Well head protection	Greater than 1,000 feet from water source	
-	Greater than 200 feet from private water source	0
Surface water bodies	· · · · · · · · · · · · · · · · · · ·	0
TOTAL RANKING SCORE		20

ANALYTICAL PARAMETER	REMEDIATION LEVEL	
Benzene	10 ppm*	
BTEX (benzene, toluene, ethylbenzene, and xylenes)	50 ppm*	
TPH (total petroleum hydrocarbon)	100 ppm**	
 * A field soil vapor headspace measurement of 100 ppm may be substituted for laboratory analysis of the benzene and BTEX concentration limits pursuant to Section II.B.1, Closure Guidelines ** TPH Remediation Level = 100 ppm plus background concentration 		

Initial Assessment

The emergency pit was visually inspected for evidence of hydrocarbon impact. A small area in the north end of the pit exhibited moderate surface staining. The stained area was excavated and the soil was staged on location pending transport to an OCD permitted facility for disposal.

Three soil samples were collected to verify that the emergency pit meets the remediation levels. The samples were split into two portions. One portion was field screened for soil vapor headspace using a HNU DL-101 photoionizer detector (PID) pursuant to Section II.B.1 of the closure guidelines. The remaining sample portion was submitted to Cardinal Laboratories for TPH analysis (EPA Method 8015M). Field headspace readings and analytical results are presented in the following table.

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SAMPLE ID	PID	TOTAL PETROLEUM HYDROCARBONS
PBN	- 6 ppm =	59.9 ppm
PBS	3 ppm	30.7 ppm
PBC	< 1 ppm	30.2 ppm
PBN = composite sa	mple from the bot	tom of the excavation in the north end of the pit (3.5 feet below pit bottom)
PBS = sample from	the bottom of the	trench in the south end of the pit (3.5 feet below pit bottom)
PBC = composite sat	mple of the materi	al forming the bottom and sides of the pit



Summary

- Field headspace results measured levels well below 100 ppm and will be substituted for BTEX analysis. Soil TPH concentrations were below the remediation level of 100 ppm
- The site assessment activities verify that the vertical and horizontal extent of impact has been delineated and that the remaining hydrocarbon concentrations meet the remediation standards for closure pursuant to the Unlined Surface Impoundment Closure Guidelines.

Conclusion

Based on the information presented, the pit is in compliance with OCD closure regulations. Rice has scheduled closure activities to be completed in February 1999. Closure activities include filling the pit with clean material purchased from a caliche pit and transporting the excavated material (approximately 40 loose cubic yards) to the Parabo Disposal Facility operated by Sundance Services, Inc. for disposal.

Once all closure activities have been completed, Rice will submit a Pit Remediation and Closure Report to the OCD. The report will include copies of the laboratory results, chains-of-custody, and disposition of any wastes generated.

If you have any questions, please call me at (505) 393-9174.

Sincerely,

7. Wesley Port

F. Wesley Root Projects Manager

Cc: KH CH File





Price, Wayne

From:	Price, Wayne
Sent:	Saturday, March 27, 1999 12:13 PM
To:	Williams, Donna
Cc:	Williams, Chris
Subject:	Rice Oper. Co. Closure plans for Tk's & Pits

OCD SF has sent Rice a requirement letter to close all of these type of facilities! Therefore Donna the H-64 site will be included in this process.

We will require Rice to Notify you on all of these closures so you may go out and witness !

Please call Rice and tell them that OCD SF will Handle the H-64 closure plan that Rice sent You!

Thanks!