District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

# State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 NMOCO Organ Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

# **Release Notification and Corrective Action**

			OPERA	TOR		Initia	l Report	X	Final	Report	
Name of Co		OD COM	ECIDIO	LOGY LLG	- 0	Contact R	obert A.	Schwe	ring, P.	E. Ope	erations Manager
RESOURCE DEVELOPMENT TECHNOLOGY, LLC Address: PO Box 1020, Morrison, CO 80465						Telephone No.: (303) 716-3200					
Facility Nan	ne:	Old Rock C		3011, CO 60403		Facility Typ					al. Oil Tank @ Well Site
Surface Own			Fe	ee Mineral O		Fee: Me				Lease N	
Surface Own	ilei.	. ,	1,0				*			Lease	io IVA
I In: 4 I attan	C-4:		I Danie			OF REI			F4/1	7	- C
Unit Letter "P"	Section 28	Township T 25 N	Range R 6 W	Feet from the 830'	FSL	South Line	Feet from 850'	m tne	FEL	Vest Line	County Rio Arriba
	APIN	lumber 30	- 039 - 2	0549 Datitud	e		Longit	tude			
						OF RELI					
Type of Relea	se: Oil S	pill from Tanl		TVAL.	UKE	Volume of		6.905	Bbl.	Volume R	Lecovered: 2.917 Bbl.
				lons of 30 Wt. Mot	or Oil	Date and H					Hour of Discovery:
				e site Compressor		Dial Oil de					essco Mechanic found the mess
				ock to feed oil to t		the late afte	ernoon on	8/10/2	007		Irs. on 8/11/2007. By then the
				n auxiliary oil tank led onto the motor		(overnite).			1	-	complete & dried-in to the soil. co notified RDT's Pumper @
& 18' x 10' P					SKIU					1500 Hou	rs.
Was Immedia	te Notice (		es 🔲 N	lo 🔀 Not Requi	red	If YES, To	Whom?				RCVD SEP 6 07 OIL CONS. DIV.
By Whom?	Robert A.					Date and H	lour:			<del> </del>	DIST. 3
Was a Watero		ched?				If YES, Vo				rcourse.	
		<u> </u>	Yes	No No		NONE:	NOT API	PLICAI	BLE.		
If a Watercou	rse was Im	pacted, Descr	ibe Fully.								
Describe Cau	se of Probl	em and Reme	dial Actio	NO	iver whe	delivered t	a oil oper	nad tha	valva on	the botton	n of the large 300 Gallon Oil
											Skid. Over the night the oil
											E when the 300 Gallon Oil
Tank is empt	ty it will b	e disconnecte	d from th	e system UNTIL	oil is de	livered. Wh	en the 30	0 Gallo	n Oil T	ank is con	nected then the smaller 15
										vill be give	n to the Delivery Personnel
				gure 1 describes g						the wellhe	ad location identified above.
											e 300 Bbl. Oil Tank @ the
wellsite. Th	e compress	sor & gravel p	ack was st	eam cleaned & po	wer was	hed & the re	sidual oily	y soapy	mix was	s put thru tl	he well-site separator. Some
oil escaped (e	st. @ 3.98	8 Bbl. MAXII	MUM) thr	the west side of t	he pit li	ner dike due	to an area	worn d	lown by	constant fo	ot traffic. The motor fan
				il over a roughly 5 d soil area & clear							already soaked into the soil
											uant to NMOCD rules and
regulations al	l operators	are required t	o report ai	nd/or file certain re	lease no	tifications a	nd perforn	n correc	tive acti	ons for rele	eases which may endanger
											eve the operator of liability
should their o	perations h	nave failed to	adequately	investigate and re	mediate	contaminati	on that po	se a thr	eat to gr	ound water	s, surface water, human health ompliance with any other
federal, state,				nance of a C-141 r	ероп ас	es not renev	e me oper	ator of	responsi	bility for co	ompliance with any other
· · · · · · · · · · · · · · · · · · ·	1	1/11		•			OIL	CON	SERV	ATION	DIVISION
Signature:	A	Cl	K p	weren							- che-l'a
Printed Name	:: Robert	A. Schwering	, P.E.			Approved by	District S	upervis	or: B	undon	For: Charlie Persin
Title:	Operati	ons Manager			A	Approval Dat	e: 9·6-	07	F	Expiration 1	Date:
E mail Add		@mind									
E-mail Addre	ss. <u>ras.fdl</u>	<u>wumaspring</u>	.com		—   ·	Conditions of	Approval	1:			Attached
Date: 8/3	30/2007		Phone:	(303) 716-3200	)						
<ul> <li>Attacl</li> </ul>	n Addition	nal Sheets If	Necessar	у			n de	1203	Kall .	6986	
							1/	BPO	720	0051	366

#### SUMMATION OF RELEASE: 8/30/2007:

RECOVERY OF OIL IN THE OIL TANK:

Top Gauge on 8/13/2007: 9' 3" = 185.00 Bbl. (Before put recovered oil in tank).

Top Gauge on 8/13/2007: 9' 4-3/4" = 187.92 Bbl. (After put recovered oil in tank).

Total Oil Recovered to Tank: 1-3/4" = 2.92 Bbl.

Total Oil Spilled: 290 Gallons = 6.91 Bbl.

Total Oil Recovered: = 2.92 Bbl.

MAXIMUM Oil Spilled Onto Dirt & Soaked-In: = 3.99 Bbl.

### DESCRIPTION OF AREA AFFECTED AND CLEAN-UP ACTION TAKEN: CONTINUED:

Art Sullivan, the RDT Pumper, supervised the clean-up operations. An Inland Trucking vacuum truck pulled on the free product (on RDT's 30-mil Liner) & placed it in the Site Oil Tank. This is reported above. NONE OF THE OIL SPILL SUCCEEDED IN GETTING OFF LOCATION ALTHOUGH SOME PENETRATED THE FILL SLOPE ON THE SOUTH SIDE OF THE LOCATION.

Compressco arrived Monday afternoon (8/13/2007) with a Power Washer & 200 Gallons of Potable Water & 5 Gallons of Soap. The compressor & the gravel pad on which the compressor sets were washed off & the soapy-oily wash water was vacuumed up & run thru the separator to the oil tank/water tank to separate. This recovery of oil was less than 1/8" in the oil tank (basically a Trace Amount) & deemed too small to measure. Compressco used 144 Duck Diapers (2' x 2' x 3/16" sorbent pads: est. recovered a pint to a quart of oil per diaper = 18-36 Gallons) to pick up additional free product within the bermed & lined compressor pad. Compressco properly disposed of the sorbent pads. Compressco spread 4 bags of Gator Remedial Bacterial Treatment within the compressor pad. Compressco also flagged the spill area for excavation.

On Tuesday, 8/14/2007, Lizard Production, LLC, excavated the oil-stained dirt outside of the Bermed & Lined Compressor Pad. The Motor Oil did not sink in far & the contaminated soil was readily apparent to the naked eye. Approx. 5.3 cu. yds. (143.25 cu. ft.) of oily soil was excavated by shovel & backhoe with the deepest contamination reaching approx. 6" depth in the clayey hard pan soil at this end of location.

The excavation was back-filled with clean fill from the edge of location. 100# of Hi-N2 Fertilizer was applied to the surface area of the spill after the clean fill was placed in the shallow excavations. The contaminated soil was spread over the existing Land Farm (165' x 45' x 18") and disced in along with 200# of Hi-N2 Fertilizer. The additional material was less than a ¼" thick when spread & raked across the Land Farm. The Land Farm was then tilled again.

The Land Farm at the site is from the earthen pit excavation closure project. The most recent sampling test indicated No Detectable BTEX & TPH @ Non-Detect on the North ½ & TPH @ 120 PPM on the South ½. The site standard to meet is TPH <100 PPM. RDT's plan is to re-test the Land Farm in Sept. 2007.

RA Schwering, PE & CES

Operations Manager: NM & WYO
Resource Development Technology, LLC

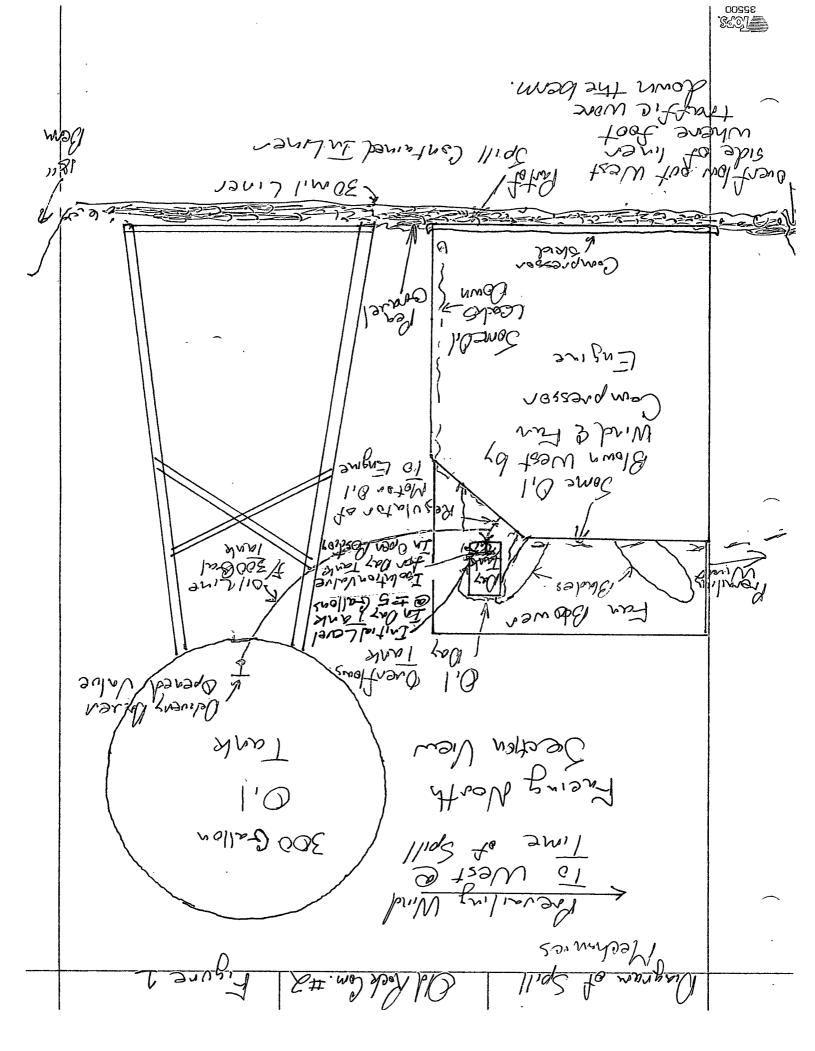
Attachments:

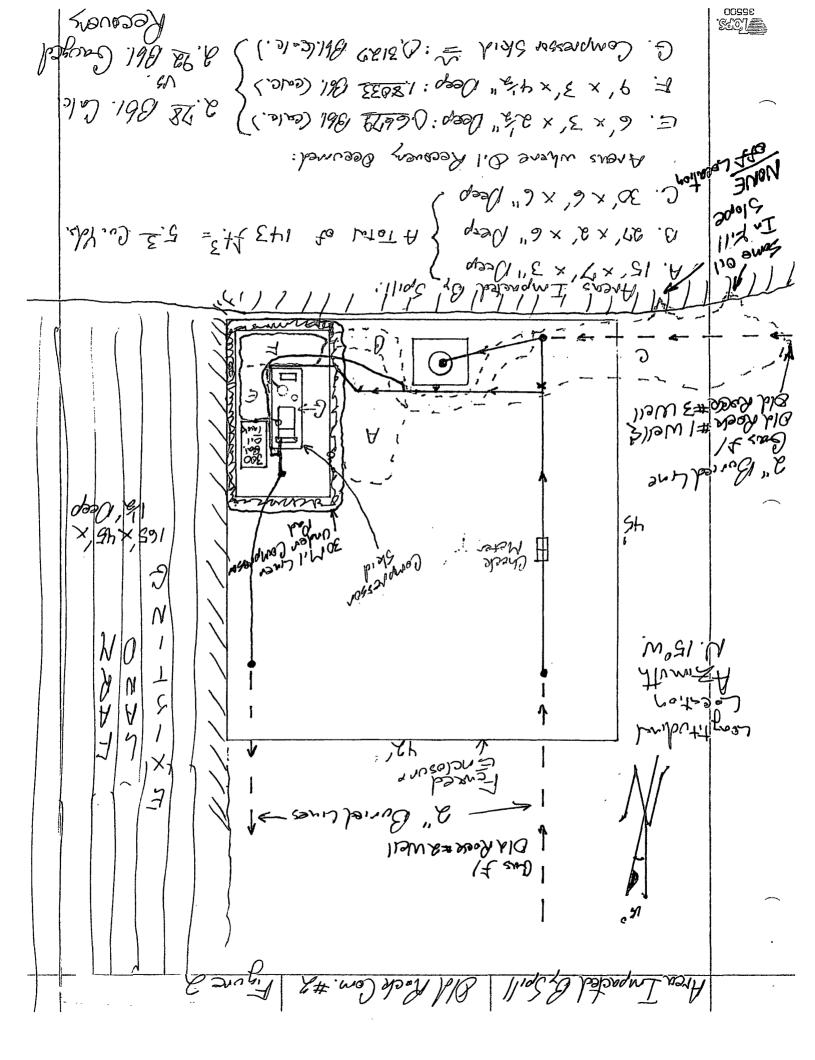
Figure 1: Diagram of Spill Mechanics
Figure 2: Area Impacted By Spill

Figure 3: Current Site Schematic

Table I: All Compressor Spill Calculations

Old Rock #2 Test Results: N ½ Land Farm: 8/13/2007 Old Rock #2 Test Results: S ½ Land Farm: 8/13/2007





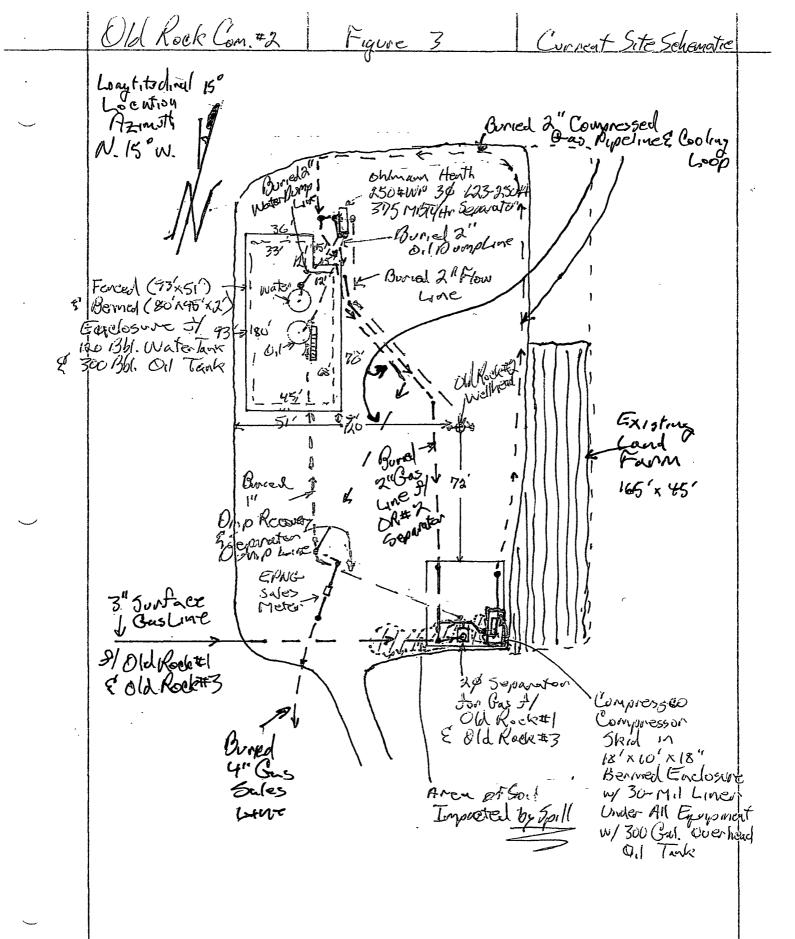


TABLE I: All Compressor Spill Calculations Oil Spill @ Compressor: 8/10/2007:

Spill	Spill	
Gallons	Barrels	
290	6.905	GROSS SPILL
	(2.917)	FLUID RECOVERY
<u></u>	3.988	MAXIMUM NET SPILL ON SOIL

	OIL RECOVERY: Confirmed by Strap:							
9' 3		Start in 300 Bbl. Oil Tank						
9' 4	-3/4"	End in 300 Bbl. Oil Tank						
1	1-3/4"	GAIN IN TANK VOLUME						
1.6	666667	Bbl./In.: 300 Bbl. Tank: 12' Diam.						
1 2	2.917	TOTAL STRAP OIL RECOVERY						
I								

CALCULAT	E OIL REC	OVERY:
Skid		
8.5	Feet	Length
34	Inches	Width
1.75	Inches	Height
3.512	Cu Ft	Volume
0.626	Bbl.	Volume
50%		Filled
0.3127697	Bbl.	Recovered
North Area	of Oil Reco	very on Pit Liner
6	Feet	
3	Feet	
2.5	Inches	Height
3.75	Cu Ft	Volume
0.668	Bbl.	Volume
South Area	of Oil Reco	very on Pit Liner
9	Feet	
3	Feet	
4.5	Inches	Height
10.125	Cu Ft	Volume
1.803	Bbl.	Volume
2.784	TOTAL CA	ALC OIL RECOVERY

AREA OF	IMPACTED S	OIL:						
See F								
	Length	Width	Depth	Cu. Ft.				
	Excavated	Excavated	Excavated					
	Feet	Feet	Inches					
Area A	15	7	3	26.25				
Area B	27	2	6	27.00				
Area C	30	6	6	90.00				
	Cu Ft Excava	ated		143.25				
	Cu Yd Excav	ated at		5.31				
	Inches On La	and Farm		0.231515				
	% of Land Fa	arm Soils		1.29%				
	Cu Ft Land F	arm						
	Land Farm Orig. Dimensions:							
	165'	Long						
	45'	Avg. Width						
	18"	Avg. Depth						

Green Analytical 75 Suttle Street Durango CO, 81303 Project: Resource Development

Project Number: GA07-104
Project Manager: Debbie Zufelt

Reported: 06/18/07 15:13

## OR2 N 1/2 LF T700760-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
		SunStar La	borator	ies, Inc.					
Purgeable Petroleum Hydrocarbons by EI	PA 80151	n							
C6-C12 (GRO)	ND	500	ug/kg	1	7061303	06/13/07	06/13/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		89.7 %	65-	135	"	"	"	"	,
Extractable Petroleum Hydrocarbons by 8	3015m								
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	7061302	06/13/07	06/14/07	EPA 8015m	
Surrogate: p-Terphenyl		67.3 %	65-	135	"	"	n	"	
Volatile Organic Compounds by EPA Met	thod 802	1B							
Benzene	ND	5.0	ug/kg	1	7061304	06/13/07	06/13/07	EPA 8021B	
Toluene	ND	5.0	"	**	n	11	"		
Ethylbenzene	ND	5.0	11	n	n	**	m	Ħ	
m,p-Xylene	ND	10	11		**	H	r	n	
o-Xylene	ND	5.0	11	n	"	и		11	•-
Surrogate: 4-Bromofluorobenzene		83.8 %	65-	-135	"	"	"	"	1

Parsed: TPHe N.O. < 100 PPM Site Standard Passed: BTEX@N.D. < 50 PPB Site Standard

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

July Bioston

Green Analytical

75 Suttle Street Durango CO, 81303 Project: Resource Development

Project Number: GA07-104

Reported: 06/18/07 15:13

Project Manager: Debbie Zufelt

OR2 S 1/2 LF T700760-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared_	Analyzed	Method	Notes
		SunStar L	aboratori	es, Inc.					
Purgeable Petroleum Hydrocarbo	ns by EPA 8015n	1							
C6-C12 (GRO)	ND	500	ug/kg	1	7061303	06/13/07	06/13/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		95.4 %	65-1	35	"	, "	"	"	
Extractable Petroleum Hydrocarl	oons by 8015m								
Diesel Range Hydrocarbons	120	5.0	mg/kg	1	7061302	06/13/07	06/14/07	EPA 8015m	D-02
Surrogate: p-Terphenyl		99.7%	65-1	35	"	"	n	. 11	
Volatile Organic Compounds by I	EPA Method 8021	В							
Benzene	ND	5.0	ug/kg	1	7061304	06/13/07	06/13/07	EPA 8021B	
Toluene	ND	5.0	**		r	Ħ	n	r r	
Ethylbenzene	ND	5.0	. #	"		n	"	#	
m,p-Xylene	ND	10	'n	**	•		*	#	
o-Xylene	ND ND	5.0	"	"	n	Ħ	**	11	
Surrogate: 4-Bromofluorobenzene		88.7 %	65-1	35	"	"	"	"	

Failed: TPH@ 120 PPM > 100 PPM Site Standard Passed: BIEX @ N.D. < 50 PPB Site Standard

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

District I + 1625 N. French Dr., Hobbs, NM 88240 District III
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

## State of New Mexico **Energy Minerals and Natural Resources**

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

NMOCO Copy Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

## Release Notification and Corrective Action

				EASC HOURIC						
), CO			<u>)PERA</u>	TOR				Final		
Name of Co		ODMENIT T	CCIDIO	OCV IIC	10	Contact Robert A. Schwering, P.E. Operations Manager				
RESOURCE DEVELOPMENT TECHNOLOGY, LLC  Address: PO Box 1020, Morrison, CO 80465						Telephone N	In : (202)	716-32	200	
Address: Facility Nar	no.	Old Rock C		SOII, CO 60403		Facility Typ				al. Oil Tank @ Well Site
racinty Nat	nc.	Old Rock C	υπ. π <i>z</i>			acinty Typ	c. Com	pressor	& 300 G	u. On rank (a) wen site
Surface Ow	ner:		Fe	e Mineral O	wner:	Fee: Mei	rion Minerals		Lease N	lo.: NA
	·	-				OF REI		ų.		
Unit Letter "P"	Section 28	Township T 25 N	Range R 6 W	Feet from the 830'	North/S FSL	South Line	Feet from the 850'	East/W FEL	est Line	County Rio Arriba
	API Number 30 – 039 - 20549 Latitude Longitude									
				NAT	URE	OF RELI	EASE			
		pill from Tank				Volume of	Release: 6.905	ВЫ.	Volume R	Recovered: 2.917 Bbl.
				lons of 30 Wt. Mo			our of Occurrence			Hour of Discovery:
				e site Compressor		I	livered the motor			essco Mechanic found the mess
				ock to feed oil to to n auxiliary oil tanl		(overnite).	rnoon on 8/10/2	007		Irs. on 8/11/2007. By then the complete & dried-in to the soil.
the unit which	h containec		Oil & spil	led onto the motor		(evermie).			•	sco notified RDT's Pumper @
Was Immedia	ate Notice		es 🗌 N	lo 🔀 Not Requi	ired	If YES, To	Whom?			
By Whom?	Robert A.	Schwering, P.I	Ξ.	····		Date and H	lour:			
Was a Water	course Rea					If YES, Volume Impacting the Watercourse.				
			Yes	⊠ No		NONE:	NOT APPLICA	BLE.		
If a Watercou	urse was In	pacted, Descr	ibe Fully.	NO		L		······································		
Tank BUT D	ID NOT cl	ose the isolation	on valve f	or the Lower Stan	ding 15	Gallon Day T	ank on the Comp	ressco C	Compressor	n of the large 300 Gallon Oil r Skid. Over the night the oil
										E when the 300 Gallon Oil nected then the smaller 15
										nected then the smaller 13
NOT to char	nge the pos	sition of any v	alves. Fi	gure 1 describes	graphica	ally how the	spill was caused		_	
										ead location identified above.
										e 300 Bbl. Oil Tank @ the he well-site separator. Some
oil escaped (	est. @ 3.98	8 Bbl. MAXII	AUM) thr	u the west side of	the pit li	ner dike due	to an area worn d	lown by	constant fo	oot traffic. The motor fan
blower/weste	rly winds t	hat night blew	leaking o	il over a roughly 5	50' x 8' :	soil area as th	ne oil was leaking	out. T	he oil was	already soaked into the soil
				ed soil area & clea						
										suant to NMOCD rules and eases which may endanger
nublic health	or the env	ironment. The	o report a	ce of a C-141 repo	ort by the	NMOCD m	au periorin correc arked as "Final R	eport" d	ous for rel oes not rel	ieve the operator of liability
should their	operations	have failed to	adequately	investigate and r	emediate	contaminati	on that pose a thr	eat to gr	ound water	r, surface water, human health
or the environ	nment. In		OCD accep							ompliance with any other
icuciai, state,	, or local la	ws and or regi	nations.	<del>/</del>	····		OII CON	CEDV	ATION	DIVISION
Signature:	Signature: OIL CONSERVATION DIVISION							DIVISION		
Printed Name	e:: Robert	A. Schwering	, P.E.			Approved by	District Supervis	or:		
Title:	Operati	ions Manager				Approval Dat	te:		Expiration	Date:
									_ T	
E-mail Addre	css: ras.ro	t@mindspring	.com			Conditions of	Approvai:			Attached
	30/2007	1	Phone:		0	·····				
<ul> <li>Attac</li> </ul>	n Additio	nal Sheets If	Necessar	ΓV						

RECOVERY OF OIL IN THE OIL TANK:

Top Gauge on 8/13/2007: 9' 3" = 185.00 Bbl. (Before put recovered oil in tank).

Top Gauge on 8/13/2007: 9' 4-3/4" = 187.92 Bbl. (After put recovered oil in tank).

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#### DESCRIPTION OF AREA AFFECTED AND CLEAN-UP ACTION TAKEN: CONTINUED:

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The excavation was back-filled with clean fill from the edge of location. 100# of Hi-N2 Fertilizer was applied to the surface area of the spill after the clean fill was placed in the shallow excavations. The contaminated soil was spread over the existing Land Farm (165' x 45' x 18") and disced in along with 200# of Hi-N2 Fertilizer. The additional material was less than a ¼" thick when spread & raked across the Land Farm. The Land Farm was then tilled again.

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RA Schwering, PE & CES

Operations Manager: NM & WYO
Resource Development Technology, LLC

Attachments:

Figure 1: Diagram of Spill Mechanics Figure 2: Area Impacted By Spill Figure 3: Current Site Schematic

Table I: All Compressor Spill Calculations

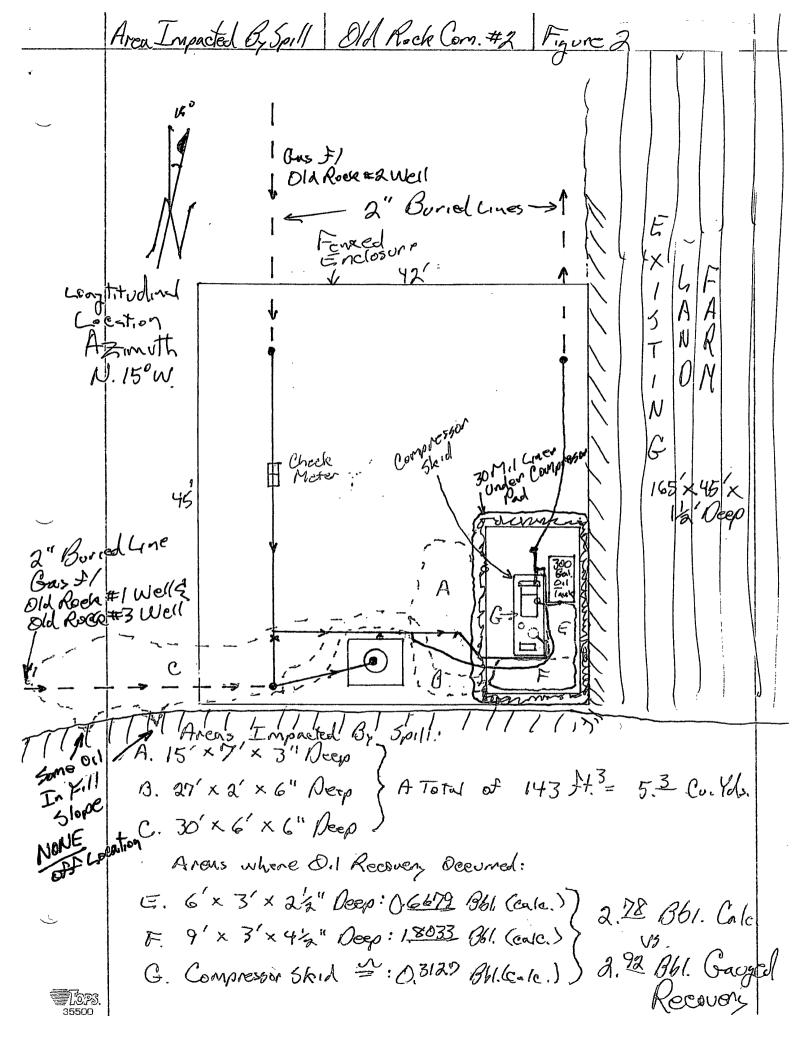
Old Rock #2 Test Results: N ½ Land Farm: 8/13/2007 Old Rock #2 Test Results: S ½ Land Farm: 8/13/2007

side of lines took of the side of lines took so the took of the ware the ware the beam. The beam. Spill Contained In Liner 17/8/ 12017 1'WOE-Compressor John de umag 15 OLD 1 SomeOil 3からい JOSSOND WOO Some Oil
Blown Mest by
Wird & Fur 1.0 Engine 1,8 vetoM to rotaluzas I so how how he 1000 Bul 1000 Bul 13 bed 23 12 Oct 1 2 ANK Bow ach 1 Day Task Swalthows 1'0 beneal University Tank Josephen Vien Rucing North 1'0 Phevaling Wind

13 West @

1 ine of Spill 300 Gallon Mayram of Spill Od Rock Com. #3 Figure 1

.&&][\_\_\_\_ .00338



Old Rock Com. #2 Figure 3 Current Site Schemotic Locational 15° Location 17° Azimith Buried 2" Compressed Cooking N. 15°W. Bur Hamp! ohlman Heath 250 #W1 3\$ 123-250 375 MITTY Hr Separato 1 Buried 2" Dumpline - Buried 2 1 Flow Ferced (93×51) water 3 Berned (80'195'x2) Love Equisor J/ 3/3/80' 120 Bbl. Water Tark 8 300 Bbl. Oil Tank 76 Existing 变态 Land Bural Farm Breed 165'x 45' DR#21 On p Roower Germater Seprator EPNG 3" Junface ડિય(૯> Meter 9/ Old Rock#1 8 Old Rock#3 24 Jeparator Jos Gas A/ Old Rock#1 Jumpresses Compresson E Old Rock #3 Skid in Brong 18'x10'x18" 4" Gus Benned Enclosing Gales Aren of Soit w/ 30-Mil Lines Under All Englowert w/300 Gal. Querhead Imported by Spill Lotte Oil Tank

TABLE I: All Compressor Spill Calculations Oil Spill @ Compressor: 8/10/2007:

Spill	Spill	
Gallons	Barrels	
290	6.905	GROSS SPILL
	(2.917)	FLUID RECOVERY
1	3.988	MAXIMUM NET SPILL ON SOIL

ΟĪ	L RECOV	ERY: Confirmed by Strap:
9'	3"	Start in 300 Bbl. Oil Tank
9'	4-3/4"	End in 300 Bbl. Oil Tank
	1-3/4"	GAIN IN TANK VOLUME
1	.6666667	Bbl./ln.: 300 Bbl. Tank: 12' Diam.
į		TOTAL STRAP OIL RECOVERY

CALCULAT	E OIL REC	OVERY:
Skid		
8.5	Feet	Length
34	Inches	Width
1.75	Inches	Height
3.512	Cu Ft	Volume
0.626	Bbl.	Volume
50%		Filled
0.3127697	Bbl.	Recovered
l		
North Area	of Oil Reco	very on Pit Liner
6	Feet	-
3	Feet	
2.5	Inches	Height
3.75	Cu Ft	Volume
0.668	Bbl.	Volume
South Area	of Oil Reco	overy on Pit Liner
9	Feet	
3	Feet	
4.5	Inches	Height
10.125	Cu Ft	Volume
1.803	Bbl.	Volume
j		
2.784	TOTAL C	ALC OIL RECOVERY

AREA OF IMPACTED SOIL:										
See Figure 2 & Figure 3:										
	Length	Width	Depth	Cu. Ft,						
	Excavated	Excavated	Excavated							
	Feet	Feet	Inches							
Area A	15	7	3	26.25						
Area B	27	2	6	27.00						
Area C	30	6	6	90.00						
	Cu Ft Excava	ated		143.25						
	Cu Yd Excav	rated		5.31						
	Inches On La	and Farm		0.231515						
	% of Land Fa	arm Soils		1.29%						
	Cu Ft Land F	arm								
	165'	Long	,							
	45'	Avg. Width	į.							
	18"	Avg. Depth								

Green Analytical

Project: Resource Development

75 Suttle Street Durango CO, 81303 Project Number: GA07-104 Project Manager: Debbie Zufelt **Reported:** 06/18/07 15:13

## OR2 N 1/2 LF T700760-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar La	aborator	ies, Inc.					
<b>Purgeable Petroleum Hydrocarbons</b>	by EPA 8015m	1							
C6-C12 (GRO)	ND	500	ug/kg	1	7061303	06/13/07	06/13/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		89.7 %	65-135		"	"	"	"	
Extractable Petroleum Hydrocarbon	s by 8015m								
Diesel Range Hydrocarbons	ND	5.0	mg/kg	1	7061302	06/13/07	06/14/07	EPA 8015m	
Surrogate: p-Terphenyl		67.3 %	65-	135	"	"	"	· #	
Volatile Organic Compounds by EP.	A Method 8021	В							
Benzene	ND	5.0	ug/kg	1	7061304	06/13/07	06/13/07	EPA 8021B	
Toluene	ND	5.0	**	n	"	•	n	**	
Ethylbenzene	ND	5.0	**	n	n	*	*	n	
m,p-Xylene	ND	10	**					H	
o-Xylene	ND	5.0	**	11	**		*	H	*-
Surrogate: 4-Bromofluorobenzene		83.8 %	65-135		"	#	"	n	4

Passed: TPHe N.O. < 100 PPM Site Standard Passed: BTEX@N.D. < 50 PPB Site Standard

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

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Green Analytical

Project: Resource Development

75 Suttle Street

Project Number: GA07-104

Reported:

Durango CO, 81303

Project Manager: Debbie Zufelt

06/18/07 15:13

## OR2 S 1/2 LF T700760-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		SunStar L	aboratori	es, Inc.					
Purgeable Petroleum Hydrocarbo	ons by EPA 8015n	1							
C6-C12 (GRO)	ND	500	ug/kg	1	7061303	06/13/07	06/13/07	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		95.4 %	65-135		"	"	"	"	
Extractable Petroleum Hydrocarl	oons by 8015m								
Diesel Range Hydrocarbons	120	5.0	mg/kg	1	7061302	06/13/07	06/14/07	EPA 8015m	D-02
Surrogate: p-Terphenyl		99.7 %	65-135		"	" "	. <i>n</i>		
Volatile Organic Compounds by I	EPA Method 8021	B							•
Benzene	ND	5.0	ug/kg	1	7061304	06/13/07	06/13/07	EPA 8021B	
Toluene	ND	5.0	"	•	11	Ħ	n	**	
Ethylbenzene	ND	5.0	**	9		"	"	•	
m,p-Xylene	ND	10	11		n		*	u	
o-Xylene	ND	5.0	**	**	**	11	н	"	••
Surrogate: 4-Bromofluorobenzene		88.7 %	65-135		"	n	"	n	

Failed: TPH@ 120 PPM > 100 PPM Site Standard
Passed: BIEX @ N.D. < 50 PPB Site Standard

SunStar Laboratories, Inc.

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