

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

Form C-144
June 1, 2004

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

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action. Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: Four Corners Exploration Co c/o D.J. Simmons, Inc. Telephone: 505 326- 3753 e-mail address: rgriffec@djsimmonsinc.com

Address: 1009 Ridgeway Pl Suite 200, Farmington, New Mexico 87401

Facility or well name: Lybrook #4 API #: 30-039-24022 U/L or Qtr/Qtr K Sec 3 T 23N R 7 W

County: Rio Arriba Latitude 36.25145 Longitude 107.56349 NAD: 1927 ☒ 1983 ☐ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

RCVD SEP 24 '07

Pit	Below-grade tank	
Type Drilling ☐ Production ☐ Disposal ☐ Workover ☒ Emergency ☐ Lined ☐ Unlined ☒ Liner type: Synthetic ☐ Thickness ____ mil Clay ☐ Pit Volume <u>N/A</u> bbl	Volume ____ bbl Type of fluid: <u>OIL CONS. DIV.</u> Construction material: <u>DIST. 3</u> Double-walled, with leak detection? Yes ☐ If not, explain why not.	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points)
	100 feet or more	(0 points) (0)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points)
	No	(0 points) (0)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points)
	1000 feet or more	(0 points) (0)
Ranking Score (Total Points)		(0)

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: One Pit Lybrook #4 pit.

Lybrook #4 Sample location map for pit closure

Lybrook #4 Lab analysis for pit closure

Lybrook #4 Location is outside the define area

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: August 21, 2006

Printed Name/ Title: Craig D. Starkey Signature

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval.

Deputy Oil & Gas Inspector,

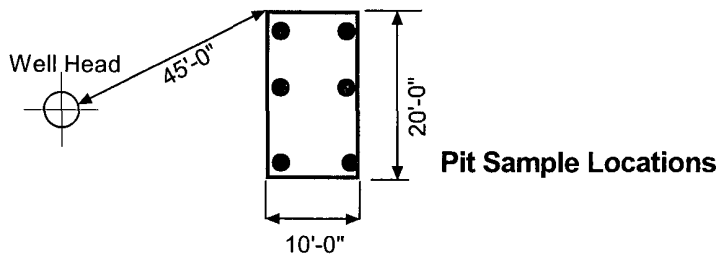
Printed Name/Title

District #3

Signature

Date:

OCT 16 2007



Legend	
●	Sample Locations

Four Corners Exploration Co. c/o D.J. Simmons, Inc.

1009 Ridgeway Place, Suite 200, Farmington, New Mexico 87401
Telephone 505 326 3753 Fax 505 327 4659

**Pit Closure sample
Location Map
Lybrook # 4**

1570' FSL x 2390' FWL
Sec 3, T23N, R7W
Rio Arriba County, NM
Prepared by cds 08/8/06

CLIENT: D.J. Simmons Company
 Work Order: 0608019
 Project: Lybrook #4

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015DR2_S

Sample ID: MBLK_060828A	SampType: MBLK	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 8/24/2006	Run ID: GC-2_060828A						
Client ID: ZZZZZ	Batch ID: R8424	TestNo: SW8015B		Analysis Date: 8/28/2006	SeqNo: 117972						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C10-C28	ND	25.0									
Surr: o-Terphenyl	31.81	0	43	0	74	35	128	0	0		

Sample ID: LCS_060828	SampType: LCS	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 8/24/2006	Run ID: GC-2_060828A						
Client ID: ZZZZZ	Batch ID: R8424	TestNo: SW8015B		Analysis Date: 8/28/2006	SeqNo: 117974						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C10-C28	525.3	25.0	502	0	105	80	120	0	0		
Surr: o-Terphenyl	33.85	0	43	0	78.7	35	128	0	0		

Sample ID: 0608018-001AMS	SampType: MS	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 8/24/2006	Run ID: GC-2_060828A						
Client ID: ZZZZZ	Batch ID: R8424	TestNo: SW8015B		Analysis Date: 8/28/2006	SeqNo: 117976						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C10-C28	436.3	25.0	502	16.72	83.6	70	130	0	0		
Surr: o-Terphenyl	31.29	0	43	0	72.8	35	128	0	0		

Sample ID: 0608019-001AD	SampType: DUP	TestCode: 8015DR2_S	Units: mg/Kg	Prep Date: 8/24/2006	Run ID: GC-2_060828A						
Client ID: Workover Pit	Batch ID: R8424	TestNo: SW8015B		Analysis Date: 8/28/2006	SeqNo: 117978						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C10-C28	ND	25.0	0	0	0	0	0	0	0	12	
Surr: o-Terphenyl	27.1	0	43	0	63	35	128	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

612 E. Murray Drive
Farmington, NM 87499

Off: (505) 327-1072
FAX: (505) 327-1496



P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

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Date: 30-Aug-06

CLIENT: D.J. Simmons Company
Project: Lybrook #4
Lab Order: 0608019

CASE NARRATIVE

Samples were analyzed using the methods outlined in one or more of the following references:
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.
Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, March 1983.
Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992.
Methods for the Determination of Metals in Environmental Samples, Supplement I, EPA-600/R-94/111,
May 1994.

Any quality control and/or data qualifiers associated with this laboratory order will be flagged in the analytical result page(s), the quality control summary report(s) or the sample receipt checklist.

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Off: (505) 368-4065

ANALYTICAL REPORT

Date: 30-Aug-06

CLIENT: D.J. Simmons Company
Work Order: 0608019
Project: Lybrook #4
Lab ID: 0608019-001A

Client Sample Info: Lybrook #4
Client Sample ID: Workover Pit
Collection Date: 8/18/2006 3:30:00 PM
Matrix: SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B		Analyst: jem		
T/R Hydrocarbons: C10-C28	ND	25.0		mg/Kg	1	8/28/2006
Surr: o-Terphenyl	71.5	35-128		%REC	1	8/28/2006
GASOLINE RANGE ORGANICS		SW8015B (SW5035A)		Analyst: jem		
T/R Hydrocarbons: C6-C10	ND	2.50		mg/Kg	25	8/29/2006
Surr: Trifluorotoluene	58.6	57-122		%REC	25	8/29/2006
AROMATIC VOLATILES BY GC/PID		SW8021B (SW5035A)		Analyst: jem		
Benzene	ND	2.0		µg/Kg	1	8/28/2006
Ethylbenzene	ND	2.0		µg/Kg	1	8/28/2006
m,p-Xylene	ND	4.0		µg/Kg	1	8/28/2006
o-Xylene	ND	2.0		µg/Kg	1	8/28/2006
Toluene	ND	2.0		µg/Kg	1	8/28/2006
Surr: 1,4-Difluorobenzene	117	75-120		%REC	1	8/28/2006
Surr: 4-Bromochlorobenzene	127	50-140		%REC	1	8/28/2006
Surr: Fluorobenzene	116	70-120		%REC	1	8/28/2006

Qualifiers: ND - Not Detected at the Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted precision limits
E - Value above Upper Quantitation Limit - UQL

Page 1 of 1

MAINTAINING HARMONY BETWEEN MAN AND HIS ENVIRONMENT

CLIENT: D.J. Simmons Company
Work Order: 0608019
Project: Lybrook #4

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GRO_S

Sample ID: MB_1355	SampType: MBLK	TestCode: 8015GRO_S	Units: mg/Kg	Prep Date: 8/24/2006	Run ID: GC-1B_060829A						
Client ID: ZZZZZ	Batch ID: 1355	TestNo: SW8015B	(SW5035A)	Analysis Date: 8/29/2006	SeqNo: 117999						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C6-C10	0.6128	2.50									J
Surr: Trifluorotoluene	1.477	0	2.5	0	59.1	57	122	0	0		

Sample ID: LCS_060829A	SampType: LCS	TestCode: 8015GRO_S	Units: mg/Kg	Prep Date:	Run ID: GC-1B_060829A						
Client ID: ZZZZZ	Batch ID: 1355	TestNo: SW8015B	(SW5035A)	Analysis Date: 8/29/2006	SeqNo: 118001						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C6-C10	23.54	2.50	25	0.6128	91.7	80	120	0	0		
Surr: Trifluorotoluene	2.125	0	2.5	0	85	57	122	0	0		

Sample ID: 0608019-001AMS	SampType: MS	TestCode: 8015GRO_S	Units: mg/Kg	Prep Date:	Run ID: GC-1B_060829A						
Client ID: Workover Pit	Batch ID: 1355	TestNo: SW8015B	(SW5035A)	Analysis Date: 8/29/2006	SeqNo: 118004						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C6-C10	24.13	2.50	25	0.7282	93.6	70	130	0	0		
Surr: Trifluorotoluene	1.738	0	2.5	0	69.5	57	122	0	0		

Sample ID: 0608019-001AMSD	SampType: MSD	TestCode: 8015GRO_S	Units: mg/Kg	Prep Date:	Run ID: GC-1B_060829A						
Client ID: Workover Pit	Batch ID: 1355	TestNo: SW8015B	(SW5035A)	Analysis Date: 8/29/2006	SeqNo: 118005						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

T/R Hydrocarbons: C6-C10	23.51	2.50	25	0.7282	91.1	70	130	24.13	2.61	15	
Surr: Trifluorotoluene	1.718	0	2.5	0	68.7	57	122	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: D.J. Simmons Company
 Work Order: 0608019
 Project: Lybrook #4

ANALYTICAL QC SUMMARY REPORT

TestCode: BTEX_S

Sample ID: MB_060828	SampType: MBLK	TestCode: BTEX_S	Units: µg/Kg	Prep Date: 8/24/2006	Run ID: GC-1_060828A						
Client ID: ZZZZZ	Batch ID: 1355	TestNo: SW8021B	(SW5035A)	Analysis Date: 8/28/2006	SeqNo: 117969						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	2.00									
Ethylbenzene	0.9464	2.00									J
m,p-Xylene	0.4435	4.00									J
o-Xylene	ND	2.00									
Toluene	0.469	2.00									J
Surr: 1,4-Difluorobenzene	115.8	0	100	0	116	75	120	0	0		
Surr: 4-Bromochlorobenzene	130.1	0	100	0	130	50	140	0	0		
Surr: Fluorobenzene	115.8	0	100	0	116	70	120	0	0		

Sample ID: LCS_060828	SampType: LCS	TestCode: BTEX_S	Units: µg/Kg	Prep Date:	Run ID: GC-1_060828A						
Client ID: ZZZZZ	Batch ID: 1355	TestNo: SW8021B	(SW5035A)	Analysis Date: 8/28/2006	SeqNo: 117968						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	43.47	2.00	40	0	109	70	130	0	0		
Ethylbenzene	47.15	2.00	40	0.9464	115	70	130	0	0		
m,p-Xylene	90.54	4.00	80	0.4435	113	70	130	0	0		
o-Xylene	45.86	2.00	40	0	115	70	130	0	0		
Toluene	44.83	2.00	40	0.469	111	70	130	0	0		
Surr: 1,4-Difluorobenzene	111	0	100	0	111	75	120	0	0		
Surr: 4-Bromochlorobenzene	112.4	0	100	0	112	50	140	0	0		
Surr: Fluorobenzene	112.7	0	100	0	113	70	120	0	0		

Sample ID: 0608018-001AMS	SampType: MS	TestCode: BTEX_S	Units: µg/Kg	Prep Date:	Run ID: GC-1_060828A						
Client ID: ZZZZZ	Batch ID: 1355	TestNo: SW8021B	(SW5035A)	Analysis Date: 8/28/2006	SeqNo: 117970						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	45.06	2.00	40	0	113	70	130	0	0		
Ethylbenzene	46.88	2.00	40	0.7123	115	70	130	0	0		
m,p-Xylene	93.59	4.00	80	0.533	116	70	130	0	0		
o-Xylene	46.11	2.00	40	0	115	70	130	0	0		
Toluene	46.38	2.00	40	0.3253	115	70	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: D.J. Simmons Company
Work Order: 0608019
Project: Lybrook #4

ANALYTICAL QC SUMMARY REPORT

TestCode: BTEX_S

Sample ID: 0608018-001AMS	SampType: MS	TestCode: BTEX_S	Units: µg/Kg	Prep Date:	Run ID: GC-1_060828A						
Client ID: ZZZZZ	Batch ID: 1355	TestNo: SW8021B	(SW5035A)	Analysis Date: 8/28/2006	SeqNo: 117970						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1,4-Difluorobenzene	108.9	0	100	0	109	75	120	0	0		
Surr: 4-Bromochlorobenzene	120.3	0	100	0	120	50	140	0	0		
Surr: Fluorobenzene	110.4	0	100	0	110	70	120	0	0		

Sample ID: 0608018-001AMSD	SampType: MSD	TestCode: BTEX_S	Units: µg/Kg	Prep Date:	Run ID: GC-1_060828A						
Client ID: ZZZZZ	Batch ID: 1355	TestNo: SW8021B	(SW5035A)	Analysis Date: 8/28/2006	SeqNo: 117971						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	42.78	2.00	40	0	107	70	130	45.06	5.18	15	
Ethylbenzene	45.3	2.00	40	0.7123	111	70	130	46.88	3.44	15	
m,p-Xylene	88.92	4.00	80	0.533	110	70	130	93.59	5.12	15	
o-Xylene	43.8	2.00	40	0	109	70	130	46.11	5.15	15	
Toluene	44.12	2.00	40	0.3253	109	70	130	46.38	4.98	15	
Surr: 1,4-Difluorobenzene	111	0	100	0	111	75	120	0	0	0	
Surr: 4-Bromochlorobenzene	115.9	0	100	0	116	50	140	0	0	0	
Surr: Fluorobenzene	111.2	0	100	0	111	70	120	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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Sample Receipt Checklist

Client Name: **DJS1001**

Date and Time Received: **8/21/2006 9:35:00 AM**

Work Order Number: **0608019**

Received by: **jle**

Checklist completed by:

J. Engle *8/21/06*
Signature Date

Reviewed by:

JJM *8/21/06*
Initials Date

Matrix:

Carrier name: **DJ Simmons**

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☒	No ☐	Not Present ☐
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	<i>0.5°C</i>
Water - VOA vials have zero headspace?	No VOA vials submitted ☒	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☒	<i>NA - 5.0/2</i>

Adjusted? _____ Checked by: _____

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted: _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action: _____