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

Form C-144
June 1, 2004

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: Kimbell Oil Company of Texas Telephone: (817) 335-2593 ext. 30 e-mail address: jms@kimbelloil.com
Address: 777 Taylor Street, Suite P-IIA, Fort Worth, Texas 76102
Facility or well name: Hanson No. 1 API #: 30045055770000 U/L or Qtr/Qtr A Sec 5 T 25N R 10W
County: San Juan Latitude 36.43520 Longitude -107.91253 NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit	**Below-grade tank**		
Type: Drilling ☐ Production ☐ Disposal ☒ Workover ☐ Emergency ☐ Lined ☐ Unlined ☒ Liner type: Synthetic ☐ Thickness ____mil Clay ☐ Pit Volume _____bbl	Volume: ___bbl Type of fluid: Construction material: 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (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 No	(20 points) (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 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)	20
	Ranking Score (Total Points)		20

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 your 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:
Maximum reasonable extent of excavation occurred at 20' BGS, excavation prone to sloughing

OCT 2006

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: 10-9-06
Printed Name/Title Mr. Jonathan Stickland, Engineer 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:
Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Signature Brandon Powell Date: OCT 16 2006

CLIENT: Kimball Oil Co. of Texas

ENVIROTECH INC.

ENVIRONMENTAL SCIENTISTS & ENGINEERS
5796 U.S. HIGHWAY 64-3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615

LOCATION NO: _____
C.O.C. NO: _____

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: Hansen WELL #: 1 PIT: Earth
QUAD/UNIT: A SEC: 5 TWP: 25N RNG: 10W PM: NMPM CNTY: SJ ST: NM
QTR/FOOTAGE: 820' N 440' E CONTRACTOR: Envirotech

DATE STARTED: 7/19/06
DATE FINISHED: 7/20/06
ENVIRONMENTAL SPECIALIST: MPM

EXCAVATION APPROX. 20 FT. x 18 FT. x 20 FT. DEEP. CUBIC YARDAGE: 250 yd³
DISPOSAL FACILITY: On-site REMEDIATION METHOD: Bio-Pile
LAND USE: _____ LEASE: SF-080373 FORMATION: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 48' FT. 115° FROM WELLHEAD
DEPTH TO GROUNDWATER: 0 NEAREST WATER SOURCE: 0 NEAREST SURFACE WATER: 20
NMOCD RANKING SCORE: 20 NMOCD TPH CLOSURE STD: 100 PPM

CHECK ONE
✓ PIT ABANDONED
___ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

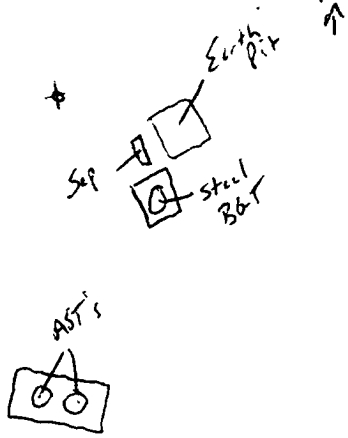
Encountered contamination 1' BGS. At 12' BGS soil became moist w/ strong hydrocarbon odors detected. A med-fine sand (sugar sand) was present throughout excavation. Vertical migration was a consistent conical mass. At 20' BGS Maximum reasonable extent of excavation occurred, soil was prone to sloughing; BTEX sample taken @ that depth.

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
		SEE	Lab	Analyses			

SCALE
0 FT

PIT PERIMETER



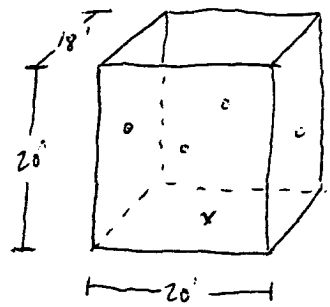
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 3' Below	1470 ppm
2 11' TD	691
3	
4	
5 Wall, Comp	
Bottom @ 20'	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

PIT PROFILE



o = Wall, Composite
x = Bottom

TRAVEL NOTES: CALLOUT: _____ ONSITE: _____

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Kimbell Oil	Project #:	06011-002-005
Sample ID:	Walls, Comp	Date Reported:	07-21-06
Laboratory Number:	37911	Date Sampled:	07-19-06
Chain of Custody No:	1227	Date Received:	07-19-06
Sample Matrix:	Soil	Date Extracted:	07-20-06
Preservative:	Cool	Date Analyzed:	07-21-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**15.5**	**0.1**
Total Petroleum Hydrocarbons	**15.5**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Hanson #1**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Kimbell Oil	Project #:	06011-002-005
Sample ID:	Bottom @ 20'	Date Reported:	07-21-06
Laboratory Number:	37912	Date Sampled:	07-19-06
Chain of Custody No:	1227	Date Received:	07-19-06
Sample Matrix:	Soil	Date Extracted:	07-20-06
Preservative:	Cool	Date Analyzed:	07-21-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**556**	**0.2**
Diesel Range (C10 - C28)	**263**	**0.1**
Total Petroleum Hydrocarbons	**819**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Hanson #1**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-21-06 QA/QC	Date Reported:	07-21-06
Laboratory Number:	37911	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-21-06
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	07-11-05	9.9802E+002	9.9902E+002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	07-11-05	9.9619E+002	9.9819E+002	**0.20%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**15.5**	**15.4**	**0.6%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**15.5**	**250**	**265**	**99.9%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 37911 - 37916, 37920, 37929**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Kimbell Oil	Project #:	06011-002-005
Sample ID:	Bottom @ 20'	Date Reported:	07-21-06
Laboratory Number:	37912	Date Sampled:	07-19-06
Chain of Custody:	1227	Date Received:	07-19-06
Sample Matrix:	Soil	Date Analyzed:	07-21-06
Preservative:	Cool	Date Extracted:	07-20-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**103**	**1.8**
Toluene	**1,350**	**1.7**
Ethylbenzene	**1,870**	**1.5**
p,m-Xylene	**4,190**	**2.2**
o-Xylene	**1,450**	**1.0**
Total BTEX	**8,960**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**99.0 %**
	1,4-difluorobenzene	**99.0 %**
	Bromochlorobenzene	**99.0 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Hanson #1**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-21-BTEX QA/QC	Date Reported:	07-21-06
Laboratory Number:	37912	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-21-06
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	6.1837E+007	6.1961E+007	0.2%	ND	0.2
Toluene	8.0378E+007	8.0539E+007	0.2%	ND	0.2
Ethylbenzene	3.4359E+007	3.4428E+007	0.2%	ND	0.2
p,m-Xylene	1.4328E+008	1.4357E+008	0.2%	ND	0.2
o-Xylene	7.8584E+007	7.8741E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	103	102	0.6%	0 - 30%	1.8
Toluene	1,350	1,340	0.7%	0 - 30%	1.7
Ethylbenzene	1,870	1,860	0.5%	0 - 30%	1.5
p,m-Xylene	4,190	4,180	0.2%	0 - 30%	2.2
o-Xylene	1,450	1,440	0.7%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	103	50.0	153	99.7%	39 - 150
Toluene	1,350	50.0	1,400	100.0%	46 - 148
Ethylbenzene	1,870	50.0	1,910	99.5%	32 - 160
p,m-Xylene	4,190	100	4,280	99.8%	46 - 148
o-Xylene	1,450	50.0	1,490	99.3%	46 - 148

ND - Parameter not detected at the stated detection limit.

References:
Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for Samples 37912 - 37916, 37920**

Analyst

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CHAIN OF CUSTODY RECORD

1127

Client / Project Name	Project Location
Kimbell Oil	Hanson # 1
Sampler:	**Client No.**
MPM	04011-002-005

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015	8021					Remarks
						ANALYSIS / PARAMETERS						
Walls, Comp	7/14/06	1400	37911	soil	1	✓						
Bottom @ 20'	7/14/06	1405	37912	soil	1	✓	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7/14/06	1540		7/19/06	1540
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		