CORRECTION #1

For KCC	Use:	
Effective	Date:	
District #		
SGA?	Yes No	

Kansas Corporation Commission Oil & Gas Conservation Division

Form C-1 March 2010 Form must be Typed Form must be Signed All blanks must be Filled

NOTICE OF INTENT TO DRILL

Expected Spud Date:	Spot Description:
month day yo	ear,, Sec TwpS. R E W
OPERATOR: License#	feet from N / S Line of Section
Name:	foot from F / W Line of Continu
Address 1:	L OFFICIAL DR. L DL. L O
Address 2:	
City: State: Zip:	
Contact Person:	Lease Name: Well #:
Phone:	Field Name:
CONTRACTOR: License#	
Name:	Target Formation(s):
W # D # # F F F F	Negreet League or unit boundary line (in feetage):
Well Drilled For: Well Class: Type Equipm	Ground Surface Elevation:feet MSL
Oil Enh Rec Infield Mud Ro	Water well within one-quarter mile:
Gas Storage Pool Ext. Air Rota	Public water supply well within one mile: Yes No
Disposal Wildcat Cable	Depth to bottom of fresh water:
Seismic ; # of Holes Other	Depth to bottom of usable water:
Other:	Surface Pipe by Alternate: I
If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set:
_	
Operator:	Decided and Total Depths
Well Name: Original Total Depth: Original Total Depth:	
Original Completion Date Original Total Deptil	Water Source for Drilling Operations:
Directional, Deviated or Horizontal wellbore?	Yes No Well Farm Pond Other:
If Yes, true vertical depth:	
Bottom Hole Location:	
KCC DKT #:	
	If Yes, proposed zone:
	AFFIDAVIT
	d eventual plugging of this well will comply with K.S.A. 55 et. seq.
It is agreed that the following minimum requirements will be me	t:
through all unconsolidated materials plus a minimum of 2 4. If the well is dry hole, an agreement between the operators. 5. The appropriate district office will be notified before well 6. If an ALTERNATE II COMPLETION, production pipe shated or pursuant to Appendix "B" - Eastern Kansas surface of	osted on each drilling rig; shall be set by circulating cement to the top; in all cases surface pipe shall be set 20 feet into the underlying formation. or and the district office on plug length and placement is necessary prior to plugging;
ubmitted Electronically	Remember to:
For KCC Use ONLY	- File Certification of Compliance with the Kansas Surface Owner Notification
API # 15	Act (KSONA-1) with Intent to Drill;
Conductor pipe requiredfeet	- File Drill Pit Application (form CDP-1) with Intent to Drill;
Minimum surface pipe requiredfeet per ALT	- File Completion Form ACO-1 within 120 days of spud date; - File acreage attribution plat according to field proration orders;
Approved by:	- Notify appropriate district office 48 hours prior to workover or re-entry;
	- Submit plugging report (CP-4) after plugging is completed (within 60 days);
This authorization expires:	Obtain written approval before dispessing on injecting self-water

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Agent: _

Spud date: _

If well will not be drilled or permit has expired (See: authorized expiration date)	
please check the box below and return to the address below.	

Well will not be drilled or Permit Expired	Date:
Signature of Operator or Agent:	

For KCC Use ONLY	
API # 15	_

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator:_							_ Lo	cation o	of Well: Co	ounty:				
Lease:											_ feet from	N /	S Line	of Section
Well Numb	er:										_ feet from	E /	W Line	of Section
Field:						Se	C	Twp		S. R		E	W	
							_							
Number of QTR/QTR/							- Is :	Section	: Re	gular or	Irregu	lar		
							If S	Section	is Irregul	ar, locate	well from	nearest co	rner boun	dary.
									rner used		NW		SW	•
				rell. Show fi pelines and	l electrica	the neare I lines, as		y the Ka	ansas Sur					
		:	:	:		:	:	:						
		:	:			:	:	:			LE	GEND		
			•			•								
		:	:	:		:	:	:				I Location		
		:	:				:	:			Tan	k Battery I	_ocation	
				•						_	— Pipe	eline Loca	tion	
		:	:	:		:	:	:			Elec	ctric Line L	ocation	
		:	:			:	:	:		_		se Road L		
		:	:	:		:	:	:				oc read L	-ocation	
	•••••				•••••				•••					
		:	:			:	:	:						
		:	:			:	:	. 0		0 ft.XAN	IPLE	:	:	
		:	·:	:		<u>.</u>	:	: [:	:	:	
		:	:	2	3	:	:					:		
			:	:			:	:			:	:	:	
			• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •								:	
		:	:	:		:	:	:			:	:	:	
		:	:	:		: : :	:			• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •		
					••••								:	1980' FSL
		:	:	:		:	:	:			i Y	1	:	.000100
		:	:	:		:	:							
			:	•		•	:	:			:	:	:	

2805 ft.

In plotting the proposed location of the well, you must show:

- 1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
- 2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
- 3. The distance to the nearest lease or unit boundary line (in footage).
- 4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).
- 5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

NOTE: In all cases locate the spot of the proposed drilling locaton.

CORRECTION #1

1162074

Form CDP-1 May 2010 Form must be Typed

APPLICATION FOR SURFACE PIT

Kansas Corporation Commission Oil & Gas Conservation Division

Submit in Duplicate

Operator Name:		License Number:				
Operator Address:						
Contact Person:			Phone Number:			
Lease Name & Well No.:		Pit Location (QQQQ):				
Type of Pit: Emergency Pit Burn Pit Settling Pit Drilling Pit Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit is: Proposed Existing If Existing, date constructed: Pit capacity:		SecTwp R East WestFeet from North / South Line of SectionFeet from East / West Line of Section			
		(bbls)	County			
Is the pit located in a Sensitive Ground Water A	Area? Yes	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)			
Is the bottom below ground level?	Artificial Liner?	No	How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits):	Length (fe	et)	Width (feet) N/A: Steel Pits			
Depth fro	om ground level to dee	epest point:	(feet) No Pit			
material, thickness and installation procedure.		liner integrity, ir	ncluding any special monitoring.			
Distance to nearest water well within one-mile	of pit:	Depth to shallowest fresh water feet. Source of information:				
feet Depth of water well	feet	measured	well owner electric log KDWR			
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	over and Haul-Off Pits ONLY:			
Producing Formation:		Type of materia	al utilized in drilling/workover:			
Number of producing wells on lease:		Number of work	king pits to be utilized:			
Barrels of fluid produced daily:		Abandonment	procedure:			
Does the slope from the tank battery allow all s flow into the pit? Yes No	spilled fluids to	Drill pits must be closed within 365 days of spud date.				
Submitted Electronically						
	KCC	OFFICE USE O				
Date Received: Permit Num	ber:	Permi	Liner Steel Pit RFAC RFAS it Date: Lease Inspection: Yes No			

CORRECTION #1

KANSAS CORPORATION COMMISSION 1162074

Form KSONA-1 July 2010 Form Must Be Typed Form must be Signed All blanks must be Filled

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

OIL & GAS CONSERVATION DIVISION

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)						
OPERATOR: License #	Well Location:						
Name:	SecTwpS. R East _ West						
Address 1:							
Address 2:	Lease Name: Well #:						
City: State: Zip:+							
Contact Person:	the lease below:						
Phone: () Fax: ()							
Email Address:							
Surface Owner Information:							
Name:	When filing a Form T-1 involving multiple surface owners, attach an additional						
Address 1:	sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the						
Address 2:	county, and in the real estate property tax records of the county treasurer.						
City: State: Zip:+							
the KCC with a plat showing the predicted locations of lease roads, tank	dic Protection Borehole Intent), you must supply the surface owners and a batteries, pipelines, and electrical lines. The locations shown on the plat in the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.						
owner(s) of the land upon which the subject well is or will be lo	ct (House Bill 2032), I have provided the following to the surface ocated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form being filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address.						
	cknowledge that, because I have not provided this information, the /ner(s). To mitigate the additional cost of the KCC performing this fee, payable to the KCC, which is enclosed with this form.						
If choosing the second option, submit payment of the \$30.00 handling form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-	fee with this form. If the fee is not received with this form, the KSONA-1 will be returned.						
Submitted Electronically	_						

										777
	,		-2	3						
						autoroportina dua plan	Mia	ri F	arn	19
·		**************************************			pular-gleine dolless-greby					
1										

****.

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

October 09, 2013

Jim Mietchen Heavy Oil Treatment Solutions, LLC 1513 MUSTANG DR BALDWIN CITY, KS 66006

Re: Notice of Intent to Drill
API 15-103-21391-00-00
Mini-Farm 9
NE/4 Sec.23-12S-20E
Leavenworth County, Kansas

Dear Mr. Mietchen:

Records indicate that a domestic water well is located less than 660 feet from this proposed location. Eastern Kansas Surface Casing Order #133,891-C for Area 3, paragraph 2 states, "No well shall be drilled closer than 660 feet of an existing domestic or municipal water well without written owner notification, a copy of which must be attached to the drilling intent form during filing. Special casing and cementing requirements may be imposed in those areas producing fresh and usable water."

Please provide us with a copy of the owner notification to further the processing of your notice of intent to drill. A copy of the water well record is attached.

I may be contacted at 316-337-6200 if you need additional information.

Rick Hestermann Production Department

cc: Steve Korf, District 3

KGS Water Well Database Query

Scan of WWC5 Form

County: Leaver	WATER WELL:	Fraction	W SE W NE		Number 23	Township T 1		R	ge Number 20E E	w
Distance and direct	ion from nearest t		et address of well if local				2 0	1 11	2011	344
3 miles we	est and 3/	'8 mile	south of Linw	ood						
WATER WELL C	Andy	Baux								
RR#, St. Address, E City, State, ZIP Cod	. 916						Agriculture, D n Number:	livision o	Water Res	ource
		ra. Ks.	F COMPLETED WELL	100	# ELEVAT					_
AN "X" IN SECT			undwater Encountered							
7	N	WELL'S STAT	IC WATER LEVEL .4.8	ft. below la	nd surface i	measured on n	no/day/yr	1.030	02001.	
1 I i	1 1 1		ump test data: Well water							
NW	NE		5gpm: Well water							
å w	X E		meter 8 3/4 in. to							, ft.
- W	1 -	1 Domesti	R TO BE USED AS: 5 P	it field water supp it field water su		Air conditioning Dewatering	-		ell ecify below)	
sw	SE	2 Irrigation		omestic (lawn &						
1 1	1									
<u> </u>	_	mitted	al/bacteriological sample sub	mined to Depart		Vell Disinfecte				
TYPE OF BLANK	CASING USED:		5 Wrought iron	8 Concrete t		CASING .	IOINTS: Glue	d X	Clamped	
1 Steel	3 RMP (SI	R)	6 Asbestos-Cement	9 Other (spe						
2 PVC	4 ABS		7 Fiberglass							
			. in., weight 2 . 8 2		lbs./ft.				258	
TYPE OF SCREE! 1 Steel	N OR PERFORAT 3 Stainless		L: 5 Fiberglass	7 PVC 8 RMP (S	no.		sbestos-cem ther (specify)			
2 Brass	4 Galvaniz		6 Concrete tile	9 ABS	sn)		one used (op			
SCREEN OR PER	FORATION OPEN	NINGS ARE:		ed wrapped		8 Saw cut			e (open hole	e)
1 Continuous si	lot 3 Mi	ill slot	& Wire w			9 Drilled hole	_			
				vrapped		a Dunido Dole	5			
2 Louvered shu		ey punched	7 Torch	cut		10 Other (spec	ify)			ft.
SCREEN-PERFOR	RATED INTERVAL	S From 5	7 Torch	cut 75	ft From	10 Other (spec	ify)			
SCREEN-PERFOR	RATED INTERVAL	S From 5	7 Torch	cut 75	ft From	10 Other (spec	ify)			
SCREEN-PERFOR	RATED INTERVAL	Frem 5 Frem 9 S: Frem 2	7 Torch	cut 75 100 100	. ft., From . . ft., From . . ft., From .	10 Other (spec	:ify) ft. to)))		ft.
SCREEN-PERFOR GRAVEL	PACK INTERVAL	LS: From 5 From 9 .S: From 2 From	7 Torch 5	25	. ft., From . . ft., From . . ft., From . . ft., From .	10 Other (spec	Sify) ft. to ft. to ft. to ft. to)		ft.
SCREEN-PERFOR GRAVEL	PACK INTERVAL	LS: From 5 From 9 .S: From 2 From	7 Torch 5. ft. to 8 ft. to 4 ft. to ft. to	25	. ft., From . . ft., From . . ft., From . . ft., From .	10 Other (spec	Sify) ft. to ft. to ft. to ft. to)		ft.
SCREEN-PERFOR GRAVEL	PACK INTERVALINE: 1 Neat of	S: From 5 From 2 S: From 2 From	7 Torch 5. ft. to 8 ft. to 4 ft. to 15. ft. to 2 Cement grout 4 ft. From	25	. ft., From . . ft., From . . ft., From . . ft., From .	her	ify))		ft.
GRAVEL GROUT MATER Grout Intervals: F What is the neares 1 Septic tank	PACK INTERVAL PACK INTERVAL IAL: 1 Neat of from4	LS: From	7 Torch 7 Torch 8	25	. ft., From ft., From ft., From ft., From ft., From ft., From 4 Ot	her	ify) ft. to ft. ft. ft. ft. ft. ft. ft. ft. ft.		i water well s well	ft
GRAVEL GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines	PACK INTERVAL IAL: 1 Neat cr from. 4 It source of possit 4 Later 5 Cess	S: From	7 Torch 7 Torch 8	25	. ft., From ft., From ft., From ft., From ft., From 4 Ot 4 Ot	hert., From .ck pens yrage	:ify)	. It. to	i water well s well city below)	ft.
GRAVEL GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight se	PACK INTERVAL IAL: 1 Neat of From. 4 It source of possit 4 Later 5 Cess wer lines 6 Seeps	S: From	7 Torch 7 Torch 8	25	. ft., From ft., From ft., From ft., From ft., From 4 Ot 10 Livestor . 11 Fuel sk . 12 Fertilize . 13 Insectici	her	ify)	. It. to	i water well s well	ft.
GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight se	PACK INTERVAL IAL: 1 Neat of From. 4 It source of possit 4 Later 5 Cess wer lines 6 Seep. 7West	S: From	7 Torch 7 Torch 5	25 100 100 100 100 100 100 100 100 100 10	. ft., From ft., From ft., From ft., From ft., From 4 Ot 10 Livestor . 11 Fuel sk . 12 Fertilize . 13 Insectic . How many	her	ify)		l water well s well city below)	ft ft ft
GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight se Direction from well FROM TO	PACK INTERVAL PACK INTERVAL IAL: 1 Neat of From. 4. It source of possit 4 Later 5 Cess wer lines 6 Seeps ?West	S: From	7 Torch 7 Torch 5	25 100 100 100 100 100 100 100 100 100 10	. ft., From ft., From ft., From ft., From ft., From 4 Ot 10 Livestor . 11 Fuel sk . 12 Fertilize . 13 Insectici	her	ify)		l water well s well city below)	ft.
GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer Enes 3 Watertight ser Direction from well FROM TO 0 1	PACK INTERVAL IAL: 1 Neat of From. 4 It source of possit 4 Later 5 Coss wer lines 6 Seep. West top soil	S: Frem	7 Torch 7 Torch 5. It. to 8 It. to 9 It. to 1 It. to 2 Cement grout 4. It., From 2 Cement grout 5. It. From 7 Pit privy 8 Sewage it 9 Feedyard	25 100 100 100 100 100 100 100 100 100 10	. ft., From ft., From ft., From ft., From ft., From 4 Ot 10 Livestor . 11 Fuel sk . 12 Fertilize . 13 Insectic . How many	her	ify)		l water well s well city below)	ft ft ft
GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight se Direction from well FROM TO 0 1 1 29	PACK INTERVAL PACK INTERVAL IAL: 1 Neat of From. 4 It source of possit 4 Later 5 Cess wer lines 6 Seepe 7West top soil brown cl	S: Frem. 5 Frem. 9 S: Frem. 2 Frem Frem ement ft. to 2 ble contaminative all lines pool age pit	7 Torch 7 Torch 5	25 100 100 100 100 100 100 100 100 100 10	. ft., From ft., From ft., From ft., From ft., From 4 Ot 10 Livestor . 11 Fuel sk . 12 Fertilize . 13 Insectic . How many	her	ify)		l water well s well city below)	ft.
GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight ser Direction from well FROM TO 0 1 1 29 29 38	PACK INTERVAL PACK INTERVAL IAL: 1 Neat of From	S: From	7 Torch 7 Torch 7 Torch 8	25	. ft., From ft., From ft., From ft., From ft., From d Ot 10 Livesto 11 Fuel sk 12 Fertilize 13 Insectic How many	her	ify)		l water well s well city below)	ft.
GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight ser Direction from well FROM TO 0 1 1 29 29 38 38 63	PACK INTERVAL PACK INTERVAL IAL: 1 Neat of From. 4 It source of possit 4 Later 5 Coss wer lines 6 Seepe 7West top soil brown cl brown si fs-cs-me	S: From	7 Torch 7 Torch 8	25	. ft., From ft., From ft., From ft., From ft., From d Ot 10 Livesto 11 Fuel sk 12 Fertilize 13 Insectic How many	her	ify)		l water well s well city below)	ft ft ft
GRAVEL GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight ser Direction from well FROM TO 0 1 1 29 29 38 38 63 63 71	PACK INTERVAL PACK INTERVAL IAL: 1 Neat of From	S: From	7 Torch 7 Torch 8	25	. ft., From ft., From ft., From ft., From ft., From d Ot 10 Livesto 11 Fuel sk 12 Fertilize 13 Insectic How many	her	ify)		l water well s well city below)	ft ft ft
GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight se Direction from well FROM TO 0 1 1 29 29 38 38 63 63 71 71 72	PACK INTERVAL IAL: 1 Neat cr from	S: From	7 Torch 7 Torch 8	25	. ft., From ft., From ft., From ft., From ft., From d Ot 10 Livesto 11 Fuel sk 12 Fertilize 13 Insectic How many	her	ify)		l water well s well city below)	ft.
GRAVEL GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight ser Direction from well FROM TO 0 1 1 29 29 38 38 63 63 71	PACK INTERVAL PACK INTERVAL IAL: 1 Neat of From	S: From	7 Torch 7 Torch 8	25	. ft., From ft., From ft., From ft., From ft., From d Ot 10 Livesto 11 Fuel sk 12 Fertilize 13 Insectic How many	her	ify)		l water well s well city below)	ft ft ft
GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight se Direction from well FROM TO 0 1 1 29 29 38 38 63 63 71 71 72	PACK INTERVAL IAL: 1 Neat cr from	S: From	7 Torch 7 Torch 8	25	. ft., From ft., From ft., From ft., From ft., From d Ot 10 Livesto 11 Fuel sk 12 Fertilize 13 Insectic How many	her	ify)		l water well s well city below)	ft ft ft
GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight se Direction from well FROM TO 0 1 1 29 29 38 38 63 63 71 71 72	PACK INTERVAL IAL: 1 Neat cr from	S: From	7 Torch 7 Torch 8	25	. ft., From ft., From ft., From ft., From ft., From d Ot 10 Livesto 11 Fuel sk 12 Fertilize 13 Insectic How many	her	ify)		l water well s well city below)	ft ft ft
GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight se Direction from well FROM TO 0 1 1 29 29 38 38 63 63 71 71 72	PACK INTERVAL IAL: 1 Neat cr from	S: From	7 Torch 7 Torch 8	25	. ft., From ft., From ft., From ft., From ft., From d Ot 10 Livesto 11 Fuel sk 12 Fertilize 13 Insectic How many	her	ify)		l water well s well city below)	ft.
GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight se Direction from well FROM TO 0 1 1 29 29 38 38 63 63 71 71 72	PACK INTERVAL IAL: 1 Neat cr from	S: From	7 Torch 7 Torch 8	25	. ft., From ft., From ft., From ft., From ft., From d Ot 10 Livesto 11 Fuel sk 12 Fertilize 13 Insectic How many	her	ify)		l water well s well city below)	ft.
GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight se Direction from well FROM TO 0 1 1 29 29 38 38 63 63 71 71 72	PACK INTERVAL IAL: 1 Neat cr from	S: From	7 Torch 7 Torch 8	25	. ft., From ft., From ft., From ft., From ft., From d Ot 10 Livesto 11 Fuel sk 12 Fertilize 13 Insectic How many	her	ify)		l water well s well city below)	ft ft ft
GRAVEL GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight se Direction from well FROM TO 0 1 1 29 29 38 38 63 38 63 71 71 72 70	PACK INTERVAL PACK INTERVAL IAL: 1 Neat of From 4 It source of possit 4 Lator 5 Coss Wer lines 6 Seeps West top soil brown cl brown si fs-cs-me grey san grey sha	S: From	7 Torch 7 Torch 8	Sentonite 3 Bentonite 3 Rentonite 7.5 100 3 Bentonite 7.5 100 3 Bentonite 2 boulde	. ft., From ft., From ft., From ft., From ft., From 4 Ot 10 Livesto 11 Fuel sk 12 Fertilize 13 Insectic How many	her	ify)	tt. tosandonecii welli'Ga	d water well s well city below)	ti
GRAVEL GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight se Direction from well FROM TO 0 1 1 29 29 38 38 63 71 71 72 72 100	PACK INTERVAL PACK INTERVAL IAL: 1 Neat of From. 4. It source of possit 4 Lator 5 Coss wer lines 6 Seepe 7West top soil brown cl brown si fs=cs=me grey san grey sha OR LANDOWNER	S: From	7 Torch 7 Torch 7 Torch 8 ft. to 8 ft. to 4 ft. to 1 ft. to 2 Cement grout 4 ft. From on: 7 Pit privy 8 Sewage is 9 Feedyard OG	cut 75 100 100 3 Bantonite 100 100 100 100 100 100 100 100 100 10	. ft., From ft., From ft., From ft., From ft., From d Ot 10 Livestor 11 Fuel sk 12 Fertilize 13 Insectic How many TO	her	ify)	ther (spe	d water well s well cify below)	ft
GRAVEL GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight se Direction from well FROM TO 0 1 1 29 29 38 38 63 38 63 71 71 72 72 100 CONTRACTOR'S completed on (molds)	PACK INTERVAL PACK INTERVAL IAL: 1 Neat of From	S: From	7 Torch 7 Torch 7 Torch 8 ft. to 8 ft. to 4 ft. to 1 ft. to 2 Cement grout 4 ft. From on: 7 Pit privy 8 Sewage is 9 Feedyard .OG	TOO	. ft., From ft., From ft., From ft., From ft., From d Ot 10 Livestor 11 Fuel sk 12 Fertilize 13 Insectic How many TO	her	ify)	tt. tosandonecii welli/Ga ther (spe	water well s well city below) S	ft.
GRAVEL GROUT MATER Grout Intervals: F What is the neares 1 Septic tank 2 Sewer lines 3 Watertight se Direction from well FROM TO 0 1 1 29 29 38 38 63 71 71 72 72 100 CONTRACTOR'S ompleted on (mo/d/ /ater Well Contract	PACK INTERVAL PACK INTERVAL IAL: 1 Neat of From. 4. It source of possit 4 Later 5 Coss Wer lines 6 Seep. West top soil brown cl brown cl brown si fs=cs=me grey san grey lim grey sha OR LANDOWNER Sylvari 10 or's Licence No.	S: From	7 Torch 7 Torch 7 Torch 8 ft. to 8 ft. to 4 ft. to 1 ft. to 2 Cement grout 4 ft. From on: 7 Pit privy 8 Sewage is 9 Feedyard OG	The state of the s	. ft., From ft., From ft., From ft., From ft., From d Ot 10 Livestor 11 Fuel sk 12 Fertilize 13 Insectic How many TO	to Other (specially specially specia	ify)	tt. tosandonecii welli/Ga ther (spe	water well s well city below) S	

Kansas Geological Survey Comments to webadmin@kgs.ku.edu URL=http://www.kgs.ku.edu/Magellan/WaterWell/index.html Display Programs Updated July 29, 2004 Data added continuously.

Heavy Oil Treatment Solutions, LLC 1513 Mustang Drive Baldwin City, Kansas 66006 785-594-7100

e-mail: heavyoilsolutions@yahoo.com

October 10, 2013

Rick Hestermann
Production Department
Conservation Division
Finney State Office Building
130 South Market
Room 2078
Wichita, Kansas 67202-3802

Dear Mr. Hestermann:

Upon reviewing our records, we find that the Andy Baux water well is located approximately one-half mile East of the Mini-Farm well # 9 (api # 15-103-21391-00-00).

Thank You.

Cordially,

Jim Mietchen

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

October 11, 2013

Jim Mietchen Heavy Oil Treatment Solutions, LLC 1513 MUSTANG DR BALDWIN CITY, KS 66006

Re: Drilling Pit Application API 15-103-21391-00-00 Mini-Farm 9 NE/4 Sec.23-12S-20E Leavenworth County, Kansas

Dear Jim Mietchen:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed <u>without slots</u>, the bottom shall be flat and reasonably level, and the free fluids must be removed. The fluids are to be removed from the reserve pit as soon as practical after drilling operations have ceased.

If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.

The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 432-2300 when the fluids have been removed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, through KOLAR within 30 days of fluid removal.

A copy of this letter should be posted in the doghouse along with the approved Intent to **Drill**. If you have any questions or concerns please feel free to contact the District Office at (620) 432-2300.

Summary of Changes

Lease Name and Number: Mini-Farm 9

API/Permit #: 15-103-21391-00-00

Doc ID: 1162074

Correction Number: 1

Approved By: Rick Hestermann 10/11/2013

Field Name	Previous Value	New Value
Depth Of Water Well	112	100
ElevationPDF	908 Estimated	899 Estimated
Feet to Nearest Water Well Within One-Mile of	904	185
Pit Ground Surface Elevation	908	899
KCC Only - Approved By	Rick Hestermann 08/09/2013	Rick Hestermann 10/11/2013
KCC Only - Approved Date	08/09/2013	10/11/2013
KCC Only - Date Received	08/07/2013	10/10/2013
KCC Only - Regular Section Quarter Calls	NW SE SE NW	S2 SE SE NE
LocationInfoLink	https://solar.kgs.ku.edu/kcc/detail/locationInform	https://solar.kgs.ku.edu/kcc/detail/locationInform
Nearest Lease Or Unit Boundary	ation.cfm?section=23&t 495	ation.cfm?section=23&t 165

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Number of Feet East or West From Section Line	3135	330
Number of Feet East or West From Section Line	3135	330
Number of Feet North or South From Section Line	3135	2805
Number of Feet North or South From Section Line	3135	2805
Quarter Call 1 - Largest	NW	NE
Quarter Call 1 - Largest	NW	NE
Quarter Call 4 - Smallest	NW	S2
Quarter Call 4 - Smallest	NW	S2
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=11 54509	//kcc/detail/operatorE ditDetail.cfm?docID=11 62074

Summary of Attachments

Lease Name and Number: Mini-Farm 9
API: 15-103-21391-00-00
Doc ID: 1162074
Correction Number: 1
Approved By: Rick Hestermann 10/11/2013
Attachment Name
Water Well Intent
Water_Well
Fluid
Fiuld