For KCC Use: Effective Date: 4-15-07 District #______

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

NOTICE OF INTENT TO DRILL

Form C-1
December 2002
Form must be Typed
Form must be Signed
Il blanks must be Filled

SGA? X Yes N	lo	Must be a	oproved by the K.C.C	C. five (5) days prior	r to commencir	g well	All blanks mus	t be Filled
Expected Spud Date	MARCH	12	2007					East
Expedica opua Bate	month	day	year	SE NW	SE - SE	34 Twp	18 S.R. 10	⊠ West
				/	925	feet from _ N /	S Line of Section	
OPERATOR: License #	3882 🗸				780		W Line of Section	1
			S, INC.	Is SECTION	DN <u>x</u> Re	egularIrro	egular?	
······································	0 BROADWAY				(Note: Local	te well on the Section Pl	at on Reverse Side)	
	NVER, CO 802	202					•	
Contact Person: TON	M FERTAL			County: _	RICE			
Phone: (303	3) 831-4673			l ease Na	me ZINK		Well #: 3-34	
17000	0,00				ne: WILDCAT	****		-
CONTRACTOR: License	8273 🗸				rorated / Space	d Field?	☐ Yes	⊠ No
Name: EXCELL SERV	VICES INC			 Target Fo	rmation(s):A	RBUCKLE		
				Nearest L	ease or unit bou	ındary: 780'		
Well Drilled For:		Vell Class:	Type Equipment:		urface Elevation			feet MSL
Oil Enh	_	Infield	Mud Rotary		I within one-qua		∐ Yes	
☐ Gas ☐ Stor		Pool Ext.	Air Rotary		ter supply well w		∐ Yes	☐ No
OWWO Disp		☑ Wildcat ☑ Other	Cable			vater: 125		
Seismic;	# of Holes L	_ Other			ιρε by Alternate	water: 230		
							20'	
If OWWO: old well inform	nation as follow	s.				required: NOI		
							00,	
Well Name:			.			ARBU	CKLE	
Original Completio	n Date:	Original To	al Depth:	Water Sou	rce for Drilling			
					I 🔲 Farm Po	ond Other X		
Directional, Deviated or H			☐ Yes 🔯 I	No DWR Perr	mit #:N/A			
If yes, true vertical depth:						te: Apply for Permit with		
Bottom Hole Location:					Be Taken?		☐ Yes	⊠ No
KCC DKT#:		-		if yes, pro	posed zone:	N/A		
				AFFIDAVIT		RI	ECEIVED	
The undersigned hereby a	affirms that the	drilling, completi	on and eventual plugg he met:	ging of this well will c	omply with K.S.			łO#
Notify the appropria	=	=				FEE	3 2 8 2007	
2. A copy of the appre	avad Natica of	Intent to Drill efe	Il be posted on each	drillina ria:			- •	
3. The minimum amo	unt of surface	pipe as specified	below shall be set by	circulating cement t	to the top; in all	CONSER cases surface pipe sha	VATION DIVISION	
through all unconsc	olidated materi	als plus a minimi	ım of 20 feet into the ι	underlying formation;		YY	CMITA, KS	
						ent is necessary <i>prior t</i>	o plugging;	
			e well is either plugged ne shall be cemented :			n; ace within <i>120 days</i> of s	nud date	
						District 3 area, alternate		
must be completed	d within 30 days	of spud date or	the well shall be plugg	ged. <i>In all cases, N</i>	OTIFY district	office prior to any ceme	nting.	
I hereby certify that the sta	atements made	herein are true	and to the best of my	knowledge and belig	ر ر با			
			1/1	- 4 J	+			
Date: FEBRUARY 27, 2	2007 Signat	ure of Operator o	r Agent:	Mas NIV	wy	Title:	SR. GEOLOGIST	
Č.				Remember to:				
For KCC use ONLY				- File Drill Pit	Application (For	m CDP-1) with Intent to	Drill;	t_{MII}
API # 15 - 159	-2253	7-00-1	90	- File Comple	tion Form ACO-	1 within 120 days of spu	d date;	10,
Conductor pipe require	ed NON	NE .	feet	1		according to field prorati		1
Minimum surface pipe			feet per Alt. 1	1	-	fice 48 hours prior to wo	•	
Approved by:	I - 4 -	10-07-	oot por Air.	, ,		4) after plugging is com		1
	14	-10-02-		- Obtain writte	en approval befo	ore disposing or injecting	sait water.	
This authorization ex	•			- If this permit	has expired (S	ee: authorized expiratio	n date) please	Ø
(This authorization void	it drilling not sta	rted within 6 mon	ns of effective date.)	_		turn to the address belov	N.	1 '
					Drilled - Permit	•		
Spud date:	A	gent:		Signature of		ent:		0
				J	D.	ate:		

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

Plat of Acreage attributable to a well in a prorated or spaced field

If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within ½ mile of the boundaries of the proposed acreage attribution unit for oil wells.

API No. 15- 159-22537 0000	Location of Well: County: RICE
Operator: SAMUEL GARY JR & ASSOCIATES, INC.	925 feet from N/ S Line of Section
Lease: ZINK	feet from 🔀 E / 🗌 W Line of Section
Well Number: 3-34	Sec. 34 Twp. 18 S. R. 10 East 🛛 Wes
Field:	5 -
	ls Section: 🛛 Regular or 🔲 Irregular
Number of Acres attributable to well:	
QTR / QTR / QTR of acreage:	If Section is Irregular, locate well from nearest corner boundary.
	Section corner used: NE NW SE SW

PLAT

(Show location of the well and shade attributable acreage for prorated or spaced wells.)

(Show footage to the pearest lease or unit boundary line.)

	(Show footage to the r	nearest lease or unit boundar	ry line.)
RICE COUNTY	RIOW		780' from nearest lease boundary
			780 1
			1. Lundary
			class source of
			EXAMPLE
			1980'
	31	18	10
		18 S	3390'
			3390
			OCIMARD CO
		0-786+	SEWARD CO.
			RECEIVED KANSAS CORPORATION COMMISSION
		925'	
		↓	FEB 2.8 239/

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

CONSERVATION DIVISION WICHITA, KS

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 section's south / north and east / west.
- 3. The distance to the nearest lease or unit boundary line.
- 4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (CO-7 for oil wells; CG-8 for gas wells).

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: SAMUEL GARY JR	. AND ASSOCI	IATES, INC.	License Number: 3882		
Operator Address: 1670 BROAD	ENVER, CO 80202-4838				
Contact Person: TOM FERTAL			Phone Number: (303) 831 -4673		
Lease Name & Well No.: ZINK 3-34			Pit Location (QQQQ):		
ype of Pit: Pit is:			<u>N/2</u> . <u>SE</u> . <u>SE</u>		
Emergency Pit Burn Pit	✓ Proposed	Existing	Sec. 34 _{Twp.} 18 _{R.} 10 ☐ East ✓ West		
Settling Pit			925 Feet from North / 🗸 South Line of Section		
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled) Pit capacity			Feet from ✓ East / ☐ West Line of Section		
	4000	(bbls)	RICE County		
Is the pit located in a Sensitive Ground Water	Area? ✓ Yes	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)		
Is the bottom below ground level?	Artificial Liner?		How is the pit lined if a plastic liner is not used?		
Yes No	☐ Yes ✓	No	NATIVE MUD AND CLAY		
Pit dimensions (all but working pits):7	5 Length (fe	eet)75	Width (feet) N/A: Steel Pits		
Depth fr	om ground level to de	eepest point: 4	(feet)		
If the pit is lined give a brief description of the material, thickness and installation procedure			edures for periodic maintenance and determining nocluding any special monitoring. RECEIVED KANSAS CORPORATION COMMISSI		
		FEB 2 8 2007			
			FEB 2 8 2007		
			CONSERVATION DIVISION		
Distance to nearest water well within one-mile	of pit		CONSERVATION DIVISION WIGHTIA, KS west fresh water (5feet.		
Distance to nearest water well within one-mile	of pit	Source of infor	CONSERVATION DIVISION WIGHTIA, KS west fresh water (5feet.		
	0 =	Source of infor	CONSERVATION DIVISION WIGHTIA, KS west fresh water \(\frac{15}{6} \) feet. mation:		
	0 =	Source of informeasu Drilling, Worke	CONSERVATION DIVISION WIGHTIA, KS west fresh water { 5 } feet. mation: electric log KDWR		
	95 feet	Source of inform measu Drilling, Worke Type of materia Number of wor	CONSERVATION DIVISION WIGHTIA, KS west fresh water (5 feet. mation: electric log KDWR over and Haul-Off Pits ONLY: al utilized in drilling/workover: FRESH MUD king pits to be utilized: 0 (Steel Tanks)		
	95 feet	Source of inform measu Drilling, Worke Type of materia Number of wor	CONSERVATION DIVISION WIGHTIA, KS west fresh water t 5 feet. mation: electric log KDWR over and Haul-Off Pits ONLY: al utilized in drilling/workover: FRESH MUD		
Emergency, Settling and Burn Pits ONLY: Producing Formation: Number of producing wells on lease:	95 feet	Source of information measurement measurem	CONSERVATION DIVISION WIGHTIA, KS west fresh water (5 feet. mation: electric log KDWR over and Haul-Off Pits ONLY: al utilized in drilling/workover: FRESH MUD king pits to be utilized: 0 (Steel Tanks)		
Emergency, Settling and Burn Pits ONLY: Producing Formation: Number of producing wells on lease: Barrels of fluid produced daily: Does the slope from the tank battery allow all	95 feet	Source of information measurement of work of Mandonment of	west fresh water t5 feet. mation: electric log KDWR over and Haul-Off Pits ONLY: al utilized in drilling/workover: FRESH MUD king pits to be utilized: 0 (Steel Tanks) procedure: ALLOW TO DRY, THEN BACKFILL oe closed within 365 days of spud date.		
Emergency, Settling and Burn Pits ONLY: Producing Formation: Number of producing wells on lease: Barrels of fluid produced daily: Does the slope from the tank battery allow all flow into the pit? Yes No	95 feet	Source of information measurement of work of Mandonment of	west fresh water t5 feet. mation: electric log KDWR over and Haul-Off Pits ONLY: al utilized in drilling/workover: FRESH MUD king pits to be utilized: 0 (Steel Tanks) procedure: ALLOW TO DRY, THEN BACKFILL oe closed within 365 days of spud date.		
Emergency, Settling and Burn Pits ONLY: Producing Formation: Number of producing wells on lease: Barrels of fluid produced daily: Does the slope from the tank battery allow all flow into the pit? I hereby certify that the above state FEBRUARY 27, 2007	95 feet	Source of information measurement. Drilling, Worker Type of material Number of work Abandonment. Drill pits must be correct to the best	west fresh water t5 feet. mation: electric log KDWR over and Haul-Off Pits ONLY: al utilized in drilling/workover: FRESH MUD king pits to be utilized: 0 (Steel Tanks) procedure: ALLOW TO DRY, THEN BACKFILL be closed within 365 days of spud date. t of my knowledge and belief.		
Emergency, Settling and Burn Pits ONLY: Producing Formation: Number of producing wells on lease: Barrels of fluid produced daily: Does the slope from the tank battery allow all flow into the pit? I hereby certify that the above state	95 feet	Source of information measurement. Drilling, Worker Type of material Number of work Abandonment. Drill pits must be correct to the best	west fresh water t5 feet. mation: electric log KDWR over and Haul-Off Pits ONLY: all utilized in drilling/workover: FRESH MUD king pits to be utilized: 0 (Steel Tanks) procedure: ALLOW TO DRY, THEN BACKFILL oe closed within 365 days of spud date. It of my knowledge and belief.		
Emergency, Settling and Burn Pits ONLY: Producing Formation: Number of producing wells on lease: Barrels of fluid produced daily: Does the slope from the tank battery allow all flow into the pit? I hereby certify that the above state FEBRUARY 27, 2007	95 feet spilled fluids to	Source of information measurement. Drilling, Worker Type of material Number of work Abandonment. Drill pits must be correct to the best	west fresh water feet. mation: well owner electric log KDWR over and Haul-Off Pits ONLY: al utilized in drilling/workover: FRESH MUD king pits to be utilized: 0 (Steel Tanks) procedure: ALLOW TO DRY, THEN BACKFILL oe closed within 365 days of spud date. to f my knowledge and belief.		

5-159-22537-00-00

KANSAS

CORPORATION COMMISSION

KATHLEEN SEBELIUS, GOVERNOR
BRIAN J. MOLINE, CHAIR
ROBERT E. KREHBIEL, COMMISSIONER
MICHAEL C. MOFFET, COMMISSIONER

April 10, 2007

Mr. Tom Fertal Samuel Gary Jr. & Associates, Inc. 1670 Broadway Ste 3300 Denver, CO 80202

Re: Drilling Pit Application

Zink Lease Well No. 3-34 SE/4 Sec. 34-18S-10W Rice County, Kansas

Dear Mr. Fertal:

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 <u>all pits</u> must be lined with bentonite. The free fluids must be removed. The fluids are to be removed from the reserve pit as soon as the Hutchinson Salt section has been drilled through and displacement of the fluids into the reserve pit has occurred. The fluids should be removed again within 72 hours 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 (316) 630-4000 when the fluids have been removed. Please file form CDP-5 (August 2004), Exploration and Production Waste Transfer, within 30 days of fluid removal. Conservation division forms are available through our office and on the KCC web site: www.kcc.state.ks.us/conservation/forms.

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 undersigned at the above address.

Sincerely,

Kathy Havnes

Kaltu Hayre

Environmental Protection and Remediation Department

cc: File