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

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form C-1 October 2007 Form must be Typed Form must be Signed All blanks must be Filled

NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

Specified Spuid Date: JULY 19 1 2008	Expected Soud Date: JULY 19 1 2008	
DEPERATOR: Licenses 3882 / Sec. 9 Tops 21 N 2 Sec. 10 Leg W Like of Section Name: SMLE: GRY OR A ASSOCIATES IND. Name: SMLE: GRY OR ASSOCIATES IND.	Expected Spids Date.	Spot Description: CENTER
OPERATOR Licenses OPERATOR Licenses OPERATOR Licenses Sociate Preson ToM February State: © Zip. 80202 + Contract Preson ToM FERTIAL Contract Preson ToM FERTIAL Prone: 20.1-851 - 4673 ONTRACTOR. Licenses S3350 Name: 20.1-851 - 4673 Name: 20.1	month day year	<u>S/2</u> - <u>S/2</u> - <u>SW</u> Sec. 9 Twp. 21 S. R. 10 TE W
Name SAULEL CARTY R & ASSOCIATES, INC. Address 2: SUTE 2190 Contact Person, ToM FERTIAL Legal Person, ToM FERTIAL Legal Person, ToM FERTIAL Legal Person, ToM FERTIAL CONTRACTOR: Licenser 33350 Name SOUTHWARD DRIALMS Name SouthWARD SouthWARD SOUTHWARD DRIALMS Name SouthWARD SOUTHWARD SOUTHWARD DRIALMS Name SouthWARD SOUTHWARD SOUTHWARD SOUTHWARD DRIALMS Name SouthWARD S	3882 🗸	(Q/Q/Q/Q) 330 feet from N / X S Line of Section
In Section S	Name: SAMUEL GARY JR & ASSOCIATES, INC.	1,320 feet from E / W Line of Section
Address 2: SUFE 200 Contact Person. TOM FERTAL Contact Person. TOM FERTAL For SATISTS 1-4677 CONTRACTOR. Licenses 33350 Name: 2001HWRO DRILLING ONTRACTOR. Licenses 33350 Name: 2001HWRO DRILLING Well Dispose 1	Address 1: 1560 BROADWAY	Is SECTION: Regular Irregular?
County RICE Lease Name: Gill-Orients I this a Prorated Spaced Field? Target Formation(s): Labels Must Richard Target Formation(s): Labels Must Richard Feel Name: Mill Did Name County Rice I this a Prorated Spaced Field? Target Formation(s): Labels Must Richard Must Richard Must Richard Must Richard Must Richard Target Formation(s): Labels Must well with non-quarter mile: Depth to bottom of usable waster: Mill one mile: Depth to bottom of usable waster: Mill one mile: Depth to bottom of usable waster: Mill one mile: Depth to bottom of usable waster: Mill one mile: Depth to bottom of usable waster: Mill one mile: Depth to bottom of usable waster: Mill one mile: Depth to bottom of usable waster: Mill one mile: Depth to bottom of usable waster: Mill one mile: Length of Conductor Pipe (a may, NoNE) Formation and Tablad Depth and Tab	Address 2: SUITE 2100	(Note: Locate well on the Section Plat on reverse side)
Contact Person. TOM FERTIAL Lease Name. SIGCHRIST Well # 1-9 Field Name. WILDOAT Is this a Prorated' Spaced Field? Well Dijllod For: Well Class: Type Equipment: Well Dijllod For: Well Class: Type Equipment: Solid Enh Rec	City: DENVER State: CO _ Zip: 80202 +	County: RICE
Figure Name	Contact Person: TOM FERTAL	Large Name: GILCHRIST Well #- 1-9
Soft with Defaults Section Sec	Phone: 303 - 831 - 4673	
Target Formation(s):ANSINCA REJUCKE	CONTRACTOR: License# 33350	
Nearest Lease or unit boundary line (in footage): 390 Storage Pool Ext. Air Potary Air Potary Pool Ext. Air Potary Air Pot	Name: SOUTHWIND DRILLING	Target Formation(s): LANSING, ARBUCKLE
Ground Surface Elevation: EST 1720 feet MSL water each with property will within one mile: feet MSL water each within one mile: feet MSL feet MSL water each within one mile: feet MSL feet		
Search Storage Phole Milliogram Air Rotary Water well within one-quarter mile: Public water supply well within one mile: Public water supply well within supply within water supply well within supply waters. Public water supp		
Gas Storage Disposal Wildcatt Cable		
Seismic # of Holes Other		
Dophin to bottom of usable water. Dophin to bottom of usable w		
Surface Pipe by Alternate:		Depth to bottom of usable water:
Operator: Operator: Well Name: Original Completion Date: Original Total Depth: Directional, Deviated or Horizontal wellbore? Original Completion Date: Original Completion Date:	Other:	Surface Pine by Alternate:
Operator: Well Name: Original Completion Date: Original Total Depth: Directional, Deviated or Horizontal wellbore? If Yes, Ize veritical depth: CCD IXT #: Will Cores be taken? Will Cores be	If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set:
Well Name: Original Completion Date: Original Total Depth: Original Completion Date: Original Control of Programme Services of Drilling Operations: Wall Cores be taken? If Yes, proposed zone:	Oto	Length of Conductor Pipe (if any): NONE
Original Completion Date: Original Total Depth: Formation at Total Depth: ARBUCKLE		Projected Total Depth: 3500'
Water Source for Drilling Operations: Water Source for Drilling Operations: Well Farm Pond Other: Well Well Farm Pond Other: Well Well Other: Well Well Other: Well Well Other: Well Well Other:		Formation at Total Depth: ARBUCKLE
Directional, Deviated or Horizontal wellbore? Yes No	/	
Note: Apply for Permit with DWR Yes No	Directional, Deviated or Horizontal wellbore?	
AFFIDAVIT KANSAS CORPORATION COMMISSION AFFIDAVIT KANSAS CORPORATION COMMISSION AFFIDAVIT KANSAS CORPORATION COMMISSION AFFIDAVIT KANSAS CORPORATION COMMISSION KANSAS CORPORATION COMMISSION It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office prior to spudding of well; 2. A copy of the approved notice of intent to drill shall be posted on each drilling rig; 3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation. 4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging; 5. The appropriate district office will be notified before well is either plugged or production casing is cemented in: 6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within 120 DAYS of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. In all cases, NOTIFY district office prior to any cementing. 1 hereby certify that the statements made herein are true and correct to the best of my knowledge and beight. API #15 - 159 - 32587 0000 Title: For KCC Use ONLY API #15 - 159 - 32587 0000 API - 160 -	•	
If Yes, proposed zone: RECEIVED RANSAS CORPORATION COMMISSION AFFIDAVIT The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq. JUN 2 3 2008 It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office prior to spudding of well; 2. A copy of the approved notice of intent to drill shall be posted on each drilling rig; 3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation. 4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging; 5. The appropriate district office will be notified before well is either plugged or production casing is cemented in: 6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within 120 DAYS of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. In all cases, NOTIFY district office prior to any cementing. I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief. Part (CC Use ONLY API #15		
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Remember to: For KCC Use ONLY API # 15 - /59 - 32.587 - COOO Feet File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or re-entry; Submit plugging report (CP-4) after plugging is completed (within 60 days); Obtain written approval before disposing or injecting salt water. If this permit has expired (See: authorized expiration date) please check the box below and return to the address below. Well Not Drilled - Permit Expired Date:	The undersigned hereby affirms that the drilling, completion and eventual pluge it is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each of the standard of the standard of surface pipe as specified below <i>shall be set</i> by through all unconsolidated materials plus a minimum of 20 feet into the standard of the standard	CONSERVATION DIVISION WICHITA, KS reirculating cement to the top; in all cases surface pipe shall be set underlying formation. It office on plug length and placement is necessary prior to plugging; d or production casing is cemented in; from below any usable water to surface within 120 DAYS of spud date. 3,891-C, which applies to the KCC District 3 area, alternate II cementing laugged. In all cases, NOTIFY district office prior to any cementing.
For KCC Use ONLY API # 15 - /S9 - 32.587 - COOO Conductor pipe required	The undersigned hereby affirms that the drilling, completion and eventual pluge. It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each of the state of the approved notice of intent to drill <i>shall be</i> posted on each of the state of	CONSERVATION DIVISION WICHITA, KS circulating cement to the top; in all cases surface pipe shall be set underlying formation. It office on plug length and placement is necessary prior to plugging; d or production casing is cemented in; from below any usable water to surface within 120 DAYS of spud date. 3,891-C, which applies to the KCC District 3 area, alternate II cementing slugged. In all cases, NOTIFY district office prior to any cementing. SED CECL COLORS.
API # 15 - \(\sum_{\text{Sq-22587-0000}} \) Conductor pipe required \(\sum_{\text{Down}} \) feet \(\text{Minimum surface pipe required } \sum_{\text{Down}} \) Approved by: \(\sum_{\text{Lub q-12-08}} \) This authorization expires: \((\text{This authorization void if drilling not started within 12 months of approval date.} \) File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or re-entry; Submit plugging report (CP-4) after plugging is completed (within 60 days); Obtain written approval before disposing or injecting salt water. If this permit has expired (See: authorized expiration date) please check the box below and return to the address below. Well Not Drilled - Permit Expired Date:	The undersigned hereby affirms that the drilling, completion and eventual pluge. It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each of the state of the approved notice of intent to drill <i>shall be</i> posted on each of the state of	CONSERVATION DIVISION WICHITA, KS circulating cement to the top; in all cases surface pipe shall be set underlying formation. It office on plug length and placement is necessary prior to plugging; d or production casing is cemented in; from below any usable water to surface within 120 DAYS of spud date. 3,891-C, which applies to the KCC District 3 area, alternate II cementing slugged. In all cases, NOTIFY district office prior to any cementing. SED CECL COLORS.
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This authorization expires: 9-/2-09 (This authorization void if drilling not started within 12 months of approval date.) - If this permit has expired (See: authorized expiration date) please check the box below and return to the address below. - Well Not Drilled - Permit Expired Date:	The undersigned hereby affirms that the drilling, completion and eventual pluging it is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each of the specified below <i>shall be set</i> by through all unconsolidated materials plus a minimum of 20 feet into the specified below <i>shall be set</i> by through all unconsolidated materials plus a minimum of 20 feet into the specified before well is either plugged. If the well is dry hole, an agreement between the operator and the district office will be notified before well is either plugged. If an ALTERNATE II COMPLETION, production pipe shall be cemented or pursuant to Appendix "B" - Eastern Kansas surface casing order #13s must be completed within 30 days of the spud date or the well shall be placed. I hereby certify that the statements made herein are true and correct to the base of the specified before well. For KCC Use ONLY API #15 - / S9 - 22.587 - CODO Conductor pipe required feet	CONSERVATION DIVISION WICHITA, KS or circulating cement to the top; in all cases surface pipe shall be set underlying formation. It office on plug length and placement is necessary prior to plugging; dor production casing is cemented in; from below any usable water to surface within 120 DAYS of spud date. 3,891-C, which applies to the KCC District 3 area, alternate II cementing flugged. In all cases, NOTIFY district office prior to any cementing. It of my knowledge and belief. SR. GEOLOGIST Title: Remember to: File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or re-entry;
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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 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

API No. 15 - 159-22587-0000						
Operator: SAMUEL GARY JR & ASSOCIATES, INC.	Location of Well; County: RICE					
Lease: GILCHRIST	330 feet from N / X S Line of Section					
Well Number: 1-9	1,320 feet from E / W Line of Section					
Field: WILDCAT	Sec. 9 Twp. 21 S. R. 10 E X W					
Number of Acres attributable to well:	Is Section: Regular or Irregular					
	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.)

			(Sho	w footage	to the nea	rest lease	or unit bot	oundary line.)
RICE	- Co.		R	OW.				220' how meanent leave
								330' from nearest lease boundary RECEIVED KANSAS CORPORATION COMMISSION
:	********		: ••••••		:			KAÑSAS CORPORATION COMMISSION JUN 23 2008
		: :			: :			CONSERVATION DIVISION WICHITA, KS
			C)	:	:	:	2/ EXAMPLE
								S 1980
						,		3390'
← 13á	20-() 30'						SEWARD CO.

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

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).

Kansas Corporation Commission Oil & Gas Conservation Division

Form CDP-1 April 2004 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: SAMUEL GARY JR	License Number: 3882						
			TE 2100	DENVER	co	80202	
Contact Person: TOM FERTAL	Phone Number: 303 - 831 - 4673						
Lease Name & Well No.: GILCHRIST	Pit Location (QQQQ):						
Type of Pit:	Pit is:		S/2 _ S/2 _ SW				
Emergency Pit Burn Pit	Proposed	Existing	Sec. 9 Twp. 21 R. 10 East West				
Settling Pit Drilling Pit	If Existing, date con	nstructed:	330	330 Feet from North / South Line of Section			
Workover Pit Haul-Off Pit	Pit capacity:		1,320 Feet from East / West Line of Section				
(If WP Supply API No. or Year Drilled)	4,000	(bbls)	RICE County				
Is the pit located in a Sensitive Ground Water	Area? Yes	No	Chloride concentration: mg/l				
Is the bottom below ground level?	Artificial Liner?		 	or Emergency Pits and Se ined if a plastic liner is			
Yes No	Yes No	o	,	•			
Pit dimensions (all but working pits):	'5 Length (fee	(t) 75	Width (feet)		N/A: Steel	Pits	
	om ground level to dee		(fee	et)	No Pit		
If the pit is lined give a brief description of the liner Describe procedures for periodic maintenance and determining							
material, thickness and installation procedure	illier illiegitty, il	ncluding any spec	nar monitoring.				
					o l		
Distance to nearest water well within one-mile of pit Depth to s			west fresh water				
7/2 feet Depth of water well 25 feet							
			measured well owner electric log KDWR , Workover and Haul-Off Pits ONLY: material utilized in drilling/workover: FRESH MUD of working pits to be utilized: 3				
1 3 3			ial utilized in drilling/workover: FRESH MUD				
			<u> </u>				
			Abandonment procedure: ALLOW TO DRY, THEN BACKFILL				
Does the slope from the tank battery allow all spilled fluids to		Drill nite must l	ho aloned within 2	365 days of spud date.			
flow into the pit? Yes No	·		KA	RECE NSAS CORPORA	EIVED		
I hereby certify that the above statements are true and correct to the best of my knowledge and belief. JUN 23 2008							
8 INE 40, 2009		Thom	100 Sta	o tol			
			ignature of Applic	ant or Agent		ION DIVISION TA, KS	
KCC OFFICE USE ONLY Steel Pit RFAC RFAS					s \square		
Date Received: 6/23 (05 Permit Number: Permit Date: 9 11 08 Lease Inspection: K Yes No							
Date Received: 6/23 (05 Permit Num	ber:	Perm	it Date: <u> વૈ્રા</u>	<u>o</u> Lease Inspect	tion: KYes	No	



Kathleen Sebelius, Governor Thomas E. Wright, Chairman Michael C. Moffet, Commissioner Joseph F. Harkins, Commissioner

September 11, 2008

Samuel Gary Jr. & Associates, Inc. 1560 Broadway Ste 2100 Denver, CO 80202

RE: Drilling Pit Application

Gilchrist Lease Well No. 1-9 SW/4 Sec. 09-21S-10W Rice County, Kansas

Dear Sir or Madam:

District staff has inspected the location and has determined that an unsealed condition will present a pollution threat to water resources.

District staff has instructed that no earthen pits are to be used at the location. Steel pits are to be used. Please inform the Commission in writing as to which disposal well you will utilize to dispose of the contents in the steel pits and the amount of fluid that will be disposed. If a haul-off pit is necessary please file, form CDP-1, Application for Surface Pit. This location will have to be inspected prior to approval of the haul-off pit application.

If fluids are taken to an authorized disposal well, please call the District Office at (620) 225-8888. Please file form CDP-5, 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.

Sincerely,

Kathy Haynes

Environmental Protection and Remediation Department

Cc: File



Kathleen Sebelius, Governor Thomas E. Wright, Chairman Michael C. Moffet, Commissioner Joseph F. Harkins, Commissioner

HAUL-OFF PIT APPLICATION FILING REQUIREMENTS

82-3-607.		DISPOSAL OF DIKE AND PIT CONTENTS.					
(a)		Each operator shall perform one of the following when disposing of dike or pit contents:					
(1)	Remove the liquid contents to a disposal well or other oil and gas operation approved by the commission or to road maintenance or construction locations approved by the department;					
(2)	dispose of reserve pit waste down the annular space of a well completed according to the alternate I requirements of K.A.R. 82-3-106, if the waste to be disposed of was generated during the drilling and completion of the well; or					
(3)	dispose of the remaining solid contents in any manner required by the commission. The requirements may include any of the following:					
		(A) Burial in place, in accordance with the grading and restoration requirements in K.A.R. 82-3-602 (f);					
		 (B) removal and placement of the contents in an on-site disposal area approved by the commission; 					
		(C) removal and placement of the contents in an off-site disposal area on acreage owned by the same landowner or to another producing lease or unit operated by the same operator, if prior written permission from the landowner has been obtained; or					
		(D) removal of the contents to a permitted off-site disposal area approved by the department.					
(b)		Each violation of this regulation shall be punishable by the following:					
(2)	A \$1,000 penalty for the first violation; a \$2,500 penalty for the second violation; and a \$5,000 penalty and an operator license review for the third violation.					
Complete	ar	nd return with Haul-Off Pit Application, Form CDP1(2004)					
Haul-off pit	wil	be located in an on-site disposal area: Yes 🔲 No 📗					
	s, Wi	ocated in an off-site disposal area on acreage owned by the same landowner: Yes ritten permission from the landowner must be obtained. Attach written permission to olication.					
		ocated in an off-site disposal area on another producing lease or unit operated by ator: Yes No If yes, written permission from the landowner must be obtained.					

Attach permission and a copy of the lease assignment that covers the acreage where the haul-off pit

is to be located, to the haul-off pit application.