For KCC Effective		7	-22-06	
District #		2		
SGA?	X Yes		No	

# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

## NOTICE OF INTENT TO DRILL

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

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

Depth   Dept		(5) days prior to commencing well
DEPARTOR: Liberneer 5091   1320   1627   1690   1320   1627   1690   1320   1627   1690   1627   1690   1627   1690   1627   1690   1627   1690   1627   1690   1627   1690   1627   1690   1627   1690   1627   1690   1627   1690   1627   1690   1627   1690   1627   1690   1627   1690   1627   1690   1627   1690   1627   1690   1	Expected Spud Date August 1 2006	Spot Wa East
OPERATOR: Licentaire 5091 Name: Howeld LiO Co. Inc. Name: Address: 2400 Riverbirch Rd CityState/Dp: Michinson, K6 67502 Contact Pessor: Sleve Howell Phone: 504-504-5320 CONTRACTOR: Licensee 32701 Name: C 8 G Drilling Co  Well Drilled For: Well Class: Type Equipment: Volume: C 8 G Drilling Co  Well Drilled For: Well Class: Type Equipment: Volume: C 8 G Drilling Co  Well Drilled For: Well Class: Type Equipment: Volume: C 8 G Drilling Co  Well Drilled For: Well Class: Type Equipment: Volume: C 8 G Drilling Co  Well Drilled For: Well Class: Type Equipment: Volume: C 8 G Drilling Co  Well Drilled For: Well Class: Type Equipment: Volume: C 8 G Drilling Co  Well Drilled For: Well Class: Type Equipment: Volume: C 8 G Drilling Co  Well Drilled For: Well Class: Type Equipment: Volume: C 8 G Drilling Co  Well Drilled For: Well Class: Type Equipment: Volume: C 8 G Drilling Co  Well Drilled For: Well Class: Type Equipment: Volume: C 8 G Drilling Co  Well Drilled For: Well Class: Type Equipment: Volume: C 8 G Drilling Co  Well Drilled For: Well Class: Type Equipment: Volume: C 8 G Drilling Co  Well Drilled For: Well Class: Type Equipment: Volume: C 8 G Drilling Co  Well Drilled For: Well Class: Type Equipment: Volume: Driver Class of County Class of Class o	month day year	E/2 - NE Sec. 13 Twp. 23s S. R. 4 West
Name: Hovel Difference   Section   S	OPERATOR: License# 5091	1320' feet from VN/S Line of Section
Address: 2400 Riverbirch Rd  Its SECTION	Name: Howell Oil Co. Inc.	1690'feet from VE / W Line of Section
Clty/State/Zip, Hutchinson, Ks 67502  CONTRACTOR: Licenses 32701  Name: C & G Drilling Co  Well Drilled For  Well Class: Type Equipment:  Well Space Fleet Space Fleet?  Target Formation(pt: Mississipp)  Search Lease or will boundary: 990'  Ground Surface Elevation: 1474	2400 Riverbirch Rd	Is SECTION <u>√</u> RegularIrregular?
ContractOri: Licenser 32701 Name: C & G Drilling Co  Well Orilled For: Well Class: Type Equipment:    Oil	City/State/Zip: Hutchinson, Ks 67502	(Note: Locate well on the Section Plat on reverse side)
Phone: \$20-864-5320	Contact Person: Steve Howell	County: Reno
Is this a Prorated / Special Field?   Target Formation(s): Mississipp)   Service	Phone: 620-664-5320	Lease Name: Sabin "B" Well #: 10
Name: C. & G. Drilling Co    Well Drilled For:   Well Class:   Type Equipment:   Typ	32701	Field Name: Burrton
Well Drilled For.   Well Class:   Type Equipment:   Water Rotary   Water States   Water well within one mile:   Ves   Ves   Water Water well within one mile:   Ves	CONTRACTOR: License#	
Ground Surface Elevation: 1474	Name: O C O Diming CO	
Value   Cabe   Pool Ext.   Air Rotary   Public water supply well within one-quarter mile:   Yes   Yes   Water well within one-quarter mile:   Yes   Yes   Yes   Water well within one-quarter mile:   Yes	Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary: 990'
Gas   Storage   Pool Ext.   Air Rotary   Water well within one-quarter mile:   Yes   Yes   OWNO   Disposal   Widcat   Cable   Cable   Selsinic: # of Holes   Other		
Cowno		
Seismic;    sof Holes		
Other		
If OWWO: old well information as follows:  Operator:  Well Name:  Original Completion Date:  Original Total Depth:  South Hole Location:  KCC DKT #:  Well Farm Pond Other XXXXX  DWR Permit #:  Well Farm Pond Other XXXXX  DWR Permit #:  Will Cores be taken?  If Yes, proposed zone:  AFFIDAVIT  The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with ANSASGORRAGINO 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 CONSESSION and 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;  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 cemen must be completed within 30 days of the spud date or the well shall be plugged.  For KCC Use ONLY  API # 15		
Operator: Well Name: Original Completion Date: Original Total Depth::  Directional, Deviated or Horizontal wellbore?  If Yes, true vertical depth::  Bottom Hole Location:  KCC DKT #:  Will Corp proposed Zone:  AFFIDAVIT  The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with ANSASGORROGATION COMMISSION  It is agreed that the following minimum requirements will be mert.  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 CONFERCION COMMISSION  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 pluggling.  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 Kansass surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cemen 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.  For KCC Use ONLY  API # 15 - 55 - 21505 - 2250 - (set per Alt. 1) Approved by:  Public proportion district office approved date or the well shall be plugged. In all cases, NOTIFY district office prior to workover or re-entry;  Submit plugging report (CP-4) after plugging is completed;  Notify appropriate district office approved by a date.  File Completion Form ACO-1 within 120 days of spud 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) a		Surface Pipe by Alternate: 1 2
Projected Total Depth:   Simpson   Formation at Total Depth:   Simpson   Water Source for Drilling Operations:   Water Sourc	If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set: 250 of 13 & 3/8"
Original Completion Date:Original Total Depth:	Operator:	Length of Conductor Pipe required:
Water Source for Drilling Operations:   Water Source for Drilling Operation Operation Operation Operation Operation operation   Water Source for Drilling Operation Operation Operation operation operation operation operation operation operation	Well Name:	
If Yes, true vertical depth:	Original Completion Date:Original Total Depth:	romation at loan bepar.
If Yes, true vertical depth:	Directional Deviated or Horizontal wellhore?	Water Source for Drilling Operations:
Note: Apply for Permit with DWR   Yes   Ves		Well Farm Pond Other ^^^
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Date: 7/11/2006   Signature of Operator or Agent:   Signature of Operato	Or pursuant to Appendix "B" - Eastern Kansas surface casing order	#133,891-C, which applies to the KCC District 3 area, alternate II cementing
For KCC Use ONLY  API # 15 - /55 - 2/505 - 0000  Conductor pipe required	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.
For KCC Use ONLY  API # 15 - 155 - 21505 - 0000  Conductor pipe required 250   feet    Minimum surface pipe required 250   feet per Alt. 1   X    Approved by: Pub 7-17-00  This authorization void if drilling not started within 6 months of approval date.)  Spud date: Agent: Agent: Agent: Agent: Agent: Agent: Agent: Agent:	I hereby certify that the statements made herein are true and to the best of	f my knowledge and belief.
For KCC Use ONLY  API # 15 - 155 - 21505 - 0000  Conductor pipe required 250 feet Minimum surface pipe required 550 feet Per Alt. 1 1	~/	
For KCC Use ONLY  API # 15	Date: 7/11/2006 Signature of Operator or Agent:	Title: Agent
For KCC Use ONLY  API # 15		Remember to:
API # 15 - 155 - 21505 - 0000  Conductor pipe required		
Conductor pipe required	ADIA 15 155-21505-0000	
Minimum surface pipe required	250	- File acreage attribution plat according to field proration orders;
Approved by: Put 7-17-00  This authorization expires: 1-17-07  (This authorization void if drilling not started within 6 months of approval date.)  Spud date: Agent: Signature of Operator or Agent: Agent: Signature of Operator or Agent: Signature of Oper	Conductor pipe required 1991	
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(This authorization void if drilling not started within 6 months of approval date.)  Check the box below and return to the address below.  Well Not Drilled - Permit Expired  Signature of Operator or Agent:  Signature of Operator or Agent:	Approved by: Red 7-17-00	- Obtain written approval before disposing or injecting salt water.
(This authorization void if drilling not started within 6 months of approval date.)  Spud date: Agent: Signature of Operator or Agent:	This authorization expires: 1-17-07	- If this permit has expired (See: authorized expiration date) please
Spud date: Agent: Signature of Operator or Agent:	-	check the box below and return to the address below.
		-
Data	Spud date:Agent:	
Date:		Date: S. Market - Room 2078 Wichita, Kansas, 67202

#### IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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

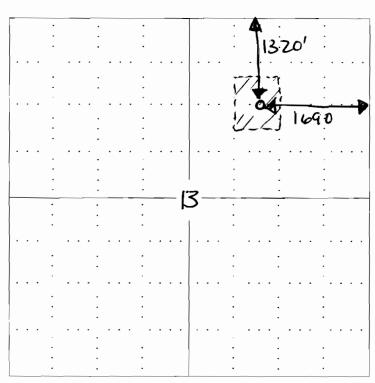
If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please 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.

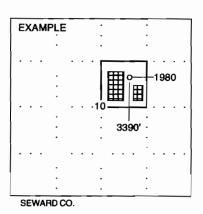
API No. 15 - 155-21505-0000	Location of Well: County: Reno
Operator: Howell Oil Co. Inc.	1320' feet from  V N / S Line of Section
Lease: Sabin "B"	1690' feet from VE / W Line of Section
Well Number:	Sec. 13 Twp. 23s S. R. 4 East ✓ Wes
Field: Burrton	
Number of Acres attributable to well: 10	Is Section: Fegular or Irregular
QTR / QTR / QTR of acreage:	If Section is Irregular, locate well from nearest corner boundary.
	Section comer used: NE NW SE SW

#### PLAT

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

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





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 section's south / north and east / west.
- 3. The distance to the nearest lease or unit boundary line.
- 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: Howell Oil Co. Inc.			License Number: 5091	
Operator Address: 2400 Riverbin	ch Rd Hute	chinson,	Ks 67502	
Contact Person: Steve Howell		Phone Number: ( 620 ) 664 - 5320		
Lease Name & Well No.: #10 Sabin	"B"		Pit Location (QQQQ):	
Type of Pit:	Pit is:		_E/2 _ E#2 NE _	
Emergency Pit Burn Pit	<b>✓</b> Proposed	Existing	Sec. 13 <sub>Twp.</sub> 23s <sub>R.</sub> 4 ☐ East ✓ West	
Settling Pit	If Existing, date constructed:		Feet from 🗸 North / 🗌 South Line of Section	
Workover Pit Haul-Off Pit	Pit capacity:		Feet from 🗸 East / 🗌 West Line of Section	
(If WP Supply API No. or Year Drilled)	4800	(bbls)	RenoCounty	
Is the pit located in a Sensitive Ground Water	Area? NYes	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	Bentonite and drilling solids seal the pits	
Pit dimensions (all but working pits):	SD Length (fe	eet)80	Width (feet) N/A: Steel Pits	
	rom ground level to de		41 (feet)	
material, thickness and installation procedur	e.	liner integrity, i	edures for periodic maintenance and determining. CEIVED notuding any special monitoring.  KANSAS CORPORATION COMMIS  JUL 1 2 2006  CONSERVATION DIVISION WICHTIA, KS	
Distance to nearest water well within one-mil	le of pit	Depth to shallowest fresh waterfeet. Source of information:		
feet Depth of water wellfeet		measuredwell owner electric log KDWR		
Emergency, Settling and Burn Pits ONLY	:	Drilling, Workover and Haul-Off Pits ONLY:		
Producing Formation:		Type of material utilized in drilling/workover: Chemical mud		
Number of producing wells on lease:		Number of working pits to be utilized: 3		
Barrels of fluid produced daily:		Abandonment procedure: Pits are allowed to dry completly		
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No		and backfilled when conditions allow		
		Drill pits must be closed within 365 days of spud date.		
I hereby certify that the above state  7/11/2006  Date	ements are true and o	Sun	be closed within 365 days of spud date.  st of my knowledge and belief.  Signature of Applicant or Agent	
		OFFICE USE O	NLY REASTAND	

# KANSAS

CORPORATION COMMISSION

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

July 17, 2006

Mr. Steve Howell Howell Oil Co., Inc. 2400 Riverbirch Rd Hutchinson, KS 67502

Re:

Drilling Pit Application Sabin B Lease Well No. 10 NE/4 Sec. 13-23S-04W Reno County, Kansas

Dear Mr. Howell:

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 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 Haynes

**Environmental Protection and Remediation Department** 

cc: File