

__ Agent: _

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1362135

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

NOTICE OF INTENT TO DRILL

month day year	Spot Description:
	Sec Twp S. R E W
PERATOR: License#	feet from N / S Line of Section
ame:	
ddress 1:	
ddress 2:	
ity:	County:
ontact Person:hone:	Lease Name: Well #:
	Field Name:
CONTRACTOR: License#	Is this a Prorated / Spaced Field?YesNo
lame:	Target Formation(s):
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage):
Oil Enh Rec Infield Mud Rotary	Ground Surface Elevation:feet MSI
Gas Storage Pool Ext. Air Rotary	Water well within one-quarter mile:
Disposal Wildcat Cable	Public water supply well within one mile:
Seismic ;# of Holes Other	Depth to bottom of fresh water:
Other:	Depth to bottom of usable water:
If OWWO: old well information as follows:	Surface Pipe by Alternate: I III
<u> </u>	Length of Surface Pipe Planned to be set:
Operator:	
Well Name:	Projected Total Depth:
Original Completion Date: Original Total Depth:	
Directional, Deviated or Horizontal wellbore?	Water Source for Drilling Operations: Well Farm Pond Other:
f Yes, true vertical depth:	Talli Talli Gallon
Sottom Hole Location:	DWR Permit #:(Note: Apply for Permit with DWR)
CCC DKT #:	
	If Yes, proposed zone:
	FEID AVIIT
-	AFFIDAVIT
The undersigned hereby affirms that the drilling, completion and eventual	plugging of this well will comply with K.S.A. 55 et. seq.
t is agreed that the following minimum requirements will be met:	
Notify the appropriate district office <i>prior</i> to spudding of well;	1.17
2. A copy of the approved notice of intent to drill shall be posted on e	eat by circulating coment to the tent in all caces curtage pine chall be cot
3. The minimum amount of surface pipe as specified below shall be s	
The minimum amount of surface pipe as specified below shall be s through all unconsolidated materials plus a minimum of 20 feet into	
 3. The minimum amount of surface pipe as specified below shall be sthrough all unconsolidated materials plus a minimum of 20 feet into 4. If the well is dry hole, an agreement between the operator and the 5. The appropriate district office will be notified before well is either pl 	the underlying formation. district office on plug length and placement is necessary <i>prior to plugging;</i> ugged or production casing is cemented in;
 The minimum amount of surface pipe as specified below shall be sthrough all unconsolidated materials plus a minimum of 20 feet into If the well is dry hole, an agreement between the operator and the The appropriate district office will be notified before well is either pl If an ALTERNATE II COMPLETION, production pipe shall be ceme 	the underlying formation. district office on plug length and placement is necessary <i>prior to plugging;</i> ugged or production casing is cemented in; nted from below any usable water to surface within 120 DAYS of spud date.
 The minimum amount of surface pipe as specified below shall be sthrough all unconsolidated materials plus a minimum of 20 feet into If the well is dry hole, an agreement between the operator and the The appropriate district office will be notified before well is either pl If an ALTERNATE II COMPLETION, production pipe shall be ceme Or pursuant to Appendix "B" - Eastern Kansas surface casing order 	the underlying formation. district office on plug length and placement is necessary <i>prior to plugging;</i> ugged or production casing is cemented in; nted from below any usable water to surface within <i>120 DAYS</i> of spud date. r #133,891-C, which applies to the KCC District 3 area, alternate II cementing
 The minimum amount of surface pipe as specified below shall be sthrough all unconsolidated materials plus a minimum of 20 feet into If the well is dry hole, an agreement between the operator and the The appropriate district office will be notified before well is either pl If an ALTERNATE II COMPLETION, production pipe shall be ceme Or pursuant to Appendix "B" - Eastern Kansas surface casing order 	the underlying formation. district office on plug length and placement is necessary <i>prior to plugging;</i> ugged or production casing is cemented in; nted from below any usable water to surface within 120 DAYS of spud date.
 The minimum amount of surface pipe as specified below shall be sthrough all unconsolidated materials plus a minimum of 20 feet into If the well is dry hole, an agreement between the operator and the The appropriate district office will be notified before well is either pl If an ALTERNATE II COMPLETION, production pipe shall be ceme Or pursuant to Appendix "B" - Eastern Kansas surface casing order 	the underlying formation. district office on plug length and placement is necessary <i>prior to plugging;</i> ugged or production casing is cemented in; nted from below any usable water to surface within <i>120 DAYS</i> of spud date. r #133,891-C, which applies to the KCC District 3 area, alternate II cementing
 The minimum amount of surface pipe as specified below shall be sthrough all unconsolidated materials plus a minimum of 20 feet into If the well is dry hole, an agreement between the operator and the The appropriate district office will be notified before well is either pl If an ALTERNATE II COMPLETION, production pipe shall be ceme Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall 	the underlying formation. district office on plug length and placement is necessary <i>prior to plugging;</i> ugged or production casing is cemented in; nted from below any usable water to surface within <i>120 DAYS</i> of spud date. r #133,891-C, which applies to the KCC District 3 area, alternate II cementing
 The minimum amount of surface pipe as specified below shall be sthrough all unconsolidated materials plus a minimum of 20 feet into If the well is dry hole, an agreement between the operator and the The appropriate district office will be notified before well is either pl If an ALTERNATE II COMPLETION, production pipe shall be ceme Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall 	the underlying formation. district office on plug length and placement is necessary <i>prior to plugging;</i> ugged or production casing is cemented in; nted from below any usable water to surface within <i>120 DAYS</i> of spud date. r #133,891-C, which applies to the KCC District 3 area, alternate II cementing I be plugged. <i>In all cases, NOTIFY district office</i> prior to any cementing.
 The minimum amount of surface pipe as specified below shall be sthrough all unconsolidated materials plus a minimum of 20 feet into If the well is dry hole, an agreement between the operator and the The appropriate district office will be notified before well is either pl If an ALTERNATE II COMPLETION, production pipe shall be ceme Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall 	the underlying formation. district office on plug length and placement is necessary <i>prior to plugging;</i> ugged or production casing is cemented in; nted from below any usable water to surface within 120 DAYS of spud date. r #133,891-C, which applies to the KCC District 3 area, alternate II cementing I be plugged. In all cases, NOTIFY district office prior to any cementing. Remember to:
3. The minimum amount of surface pipe as specified below shall be so through all unconsolidated materials plus a minimum of 20 feet into 4. If the well is dry hole, an agreement between the operator and the 5. The appropriate district office will be notified before well is either ple 6. If an ALTERNATE II COMPLETION, production pipe shall be ceme Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be completed. **Description**	the underlying formation. district office on plug length and placement is necessary prior to plugging; ugged or production casing is cemented in; nted from below any usable water to surface within 120 DAYS of spud date. r #133,891-C, which applies to the KCC District 3 area, alternate II cementing I be plugged. In all cases, NOTIFY district office prior to any cementing. Remember to: - File Certification of Compliance with the Kansas Surface Owner Notification
3. The minimum amount of surface pipe as specified below shall be so through all unconsolidated materials plus a minimum of 20 feet into 4. If the well is dry hole, an agreement between the operator and the 6. The appropriate district office will be notified before well is either ple 6. If an ALTERNATE II COMPLETION, production pipe shall be ceme Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be completed Electronically For KCC Use ONLY API # 15 -	the underlying formation. district office on plug length and placement is necessary prior to plugging; ugged or production casing is cemented in; nted from below any usable water to surface within 120 DAYS of spud date. r #133,891-C, which applies to the KCC District 3 area, alternate II cementing I be plugged. In all cases, NOTIFY district office prior to any cementing. Remember to: - File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;
3. The minimum amount of surface pipe as specified below shall be so through all unconsolidated materials plus a minimum of 20 feet into 4. If the well is dry hole, an agreement between the operator and the 5. The appropriate district office will be notified before well is either ple 6. If an ALTERNATE II COMPLETION, production pipe shall be ceme Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be before well is a completed within 30 days of the spud date or the well shall be ceme within 30 days of the sp	conthe underlying formation. Idistrict office on plug length and placement is necessary prior to plugging; ugged or production casing is cemented in; noted from below any usable water to surface within 120 DAYS of spud date. In #133,891-C, which applies to the KCC District 3 area, alternate II cementing II be plugged. In all cases, NOTIFY district office prior to any cementing. Remember to: File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; File Drill Pit Application (form CDP-1) with Intent to Drill;
3. The minimum amount of surface pipe as specified below shall be so through all unconsolidated materials plus a minimum of 20 feet into 4. If the well is dry hole, an agreement between the operator and the 6. The appropriate district office will be notified before well is either ple 6. If an ALTERNATE II COMPLETION, production pipe shall be ceme Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be completed Electronically For KCC Use ONLY API # 15 -	conthe underlying formation. Idistrict office on plug length and placement is necessary prior to plugging; Idistrict office on plug length and placement is necessary prior to plugging; Idigged or production casing is cemented in; Intended from below any usable water to surface within 120 DAYS of spud date. In #133,891-C, which applies to the KCC District 3 area, alternate II cementing Idigged. In all cases, NOTIFY district office prior to any cementing. Remember to: - File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; - File Drill Pit Application (form CDP-1) with Intent to Drill; - File Completion Form ACO-1 within 120 days of spud date;
3. The minimum amount of surface pipe as specified below shall be so through all unconsolidated materials plus a minimum of 20 feet into 4. If the well is dry hole, an agreement between the operator and the 5. The appropriate district office will be notified before well is either ple 6. If an ALTERNATE II COMPLETION, production pipe shall be ceme Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be completed. **Description**	the underlying formation. district office on plug length and placement is necessary prior to plugging; ugged or production casing is cemented in; nted from below any usable water to surface within 120 DAYS of spud date. r #133,891-C, which applies to the KCC District 3 area, alternate II cementing I be plugged. In all cases, NOTIFY district office prior to any cementing. Remember to: - File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; - File Drill Pit Application (form CDP-1) with Intent to Drill; - File Completion Form ACO-1 within 120 days of spud date;
3. The minimum amount of surface pipe as specified below shall be so through all unconsolidated materials plus a minimum of 20 feet into 4. If the well is dry hole, an agreement between the operator and the 6. The appropriate district office will be notified before well is either ple 6. If an ALTERNATE II COMPLETION, production pipe shall be ceme Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be completed. **District Completed Surface Pipe required feet** **Minimum surface pipe required feet per ALT. I I III **III **IIII **IIII **IIII **III **IIII	conthe underlying formation. district office on plug length and placement is necessary prior to plugging; ugged or production casing is cemented in; nted from below any usable water to surface within 120 DAYS of spud date. In #133,891-C, which applies to the KCC District 3 area, alternate II cementing I be plugged. In all cases, NOTIFY district office prior to any cementing. Remember to: File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; 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);
3. The minimum amount of surface pipe as specified below shall be so through all unconsolidated materials plus a minimum of 20 feet into 4. If the well is dry hole, an agreement between the operator and the 5. The appropriate district office will be notified before well is either plus 6. If an ALTERNATE II COMPLETION, production pipe shall be ceme or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be completed. **Description**	conthe underlying formation. district office on plug length and placement is necessary prior to plugging; ugged or production casing is cemented in; nted from below any usable water to surface within 120 DAYS of spud date. In #133,891-C, which applies to the KCC District 3 area, alternate II cementing I be plugged. In all cases, NOTIFY district office prior to any cementing. Remember to: File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; 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;

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

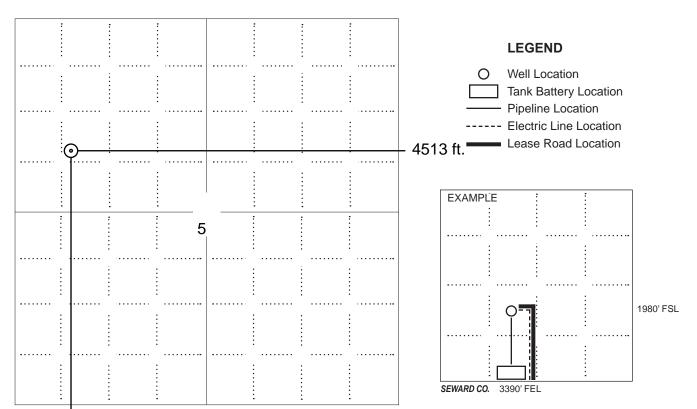
In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator:	Location of Well: County:
Lease:	feet from N / S Line of Section feet from E / W Line of Section
Well Number:	feet from E / W Line of Section
Field:	SecTwpS. R 🔲 E 🔲 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. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032).

You may attach a separate plat if desired.



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

3472 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.



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 May 2010 Form must be Typed

APPLICATION FOR SURFACE PIT

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 If Existing, date con Pit capacity:	Existing extructed: extructed: extracted (bbls)	SecTwpR East WestFeet from North / South Line of SectionFeet from East / West Line of SectionCounty	
Is the pit located in a Sensitive Ground Water A	rea? Yes	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)	
Is the bottom below ground level? Yes No	Artificial Liner?	lo	How is the pit lined if a plastic liner is not used?	
Pit dimensions (all but working pits):	Length (fee	et)	Width (feet)	
Depth fro	om ground level to dee	epest point:	(feet) No Pit	
material, thickness and installation procedure.			acluding any special monitoring.	
Distance to nearest water well within one-mile of	of pit:	Depth to shallo Source of infor	west fresh water feet. mation:	
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	Type of material utilized in drilling/workover:	
Number of producing wells on lease:		Number of working 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	pilled fluids to	Drill pits must b	e closed within 365 days of spud date.	
Submitted Electronically				
KCC OFFICE USE ONLY Liner Steel Pit RFAC RFAS				
Date Received: Permit Num	ber:	Permi	t Date: Lease Inspection: Yes No	



Kansas Corporation Commission Oil & Gas Conservation Division

1362135

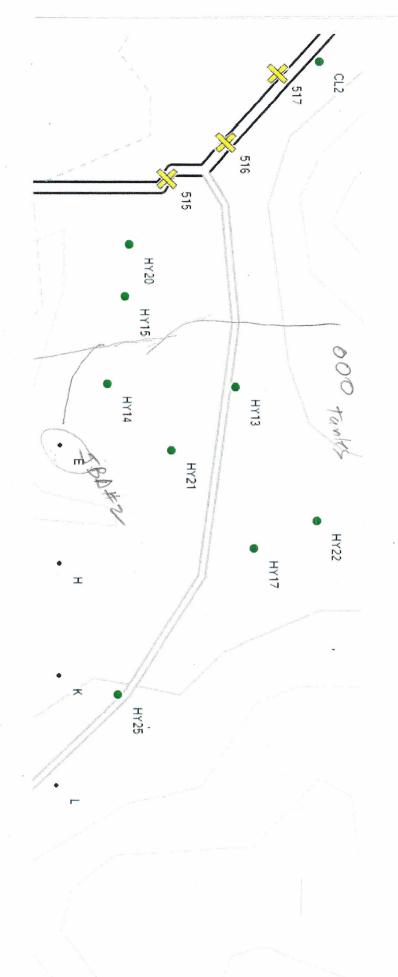
Form KSONA-1
January 2014
Form Must Be Typed
Form must be Signed
All blanks must be Filled

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

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	
Address 1:	County:	
Address 2:	Lease Name: Well #:	
City: State: Zip:+	If filing a Form T-1 for multiple wells on a lease, enter the legal description of	
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 are preliminary non-binding estimates. The locations may be entered of Select one of the following: □ I certify that, pursuant to the Kansas Surface Owner Notice A owner(s) of the land upon which the subject well is or will be lead.	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. Act (House Bill 2032), I have provided the following to the surface pocated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form	
CP-1 that I am filing in connection with this form; 2) if the form I form; and 3) my operator name, address, phone number, fax, a	peing filed is a Form C-1 or Form CB-1, the plat(s) required by this nd email address.	
KCC will be required to send this information to the surface ow	cknowledge that, because I have not provided this information, the vner(s). To mitigate the additional cost of the KCC performing this of the surface owner by filling out the top section of this form and 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		



Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



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

Sam Brownback, Governor

Pat Apple, Chairman Shari Feist Albrecht, Commissioner Jay Scott Emler, Commissioner

August 02, 2017

P J Buck Kansas Energy Company, L.L.C. BOX 68 SEDAN, KS 67361-0068

Re: Drilling Pit Application Hyder JBD #2 NW/4 Sec.05-35S-13E Chautaugua County, Kansas

Dear P J Buck:

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 file form CDP-5, 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.