

OWWO

For KCC Use:  
Effective Date: 2-2-08  
District # 4  
SGA?  Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**NOTICE OF INTENT TO DRILL**

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

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

Expected Spud Date: 1/26/08  
month day year

OPERATOR: License# 33401  
Name: Fred A. Ernst  
Address 1: 1234 Walker Ave.  
Address 2:  
City: Walker Ka. 67674 State: KS Zip: 67674  
Contact Person: Fred Ernst  
Phone: 785-735-2588

CONTRACTOR: License# N/A  
Name: Daves Well Service

Well Drilled For:  Oil  Gas  Seismic; # of Holes  Other:  
Well Class:  Enh Rec  Storage  Disposal  Other:  
Type Equipment:  Mud Rotary  Air Rotary  Cable

If OWWO: old well information as follows:  
Operator: Liberty Operations & Completions  
Well Name: Jawhawk # 1  
Original Completion Date: 3/25/88 Original Total Depth: 3395

Directional, Deviated or Horizontal wellbore?  Yes  No  
If Yes, true vertical depth:  
Bottom Hole Location:  
KCC DKT #:

Spot Description: API # 15-163-22673  
Sec. 25 Twp. 7 S. R. 18  E  W  
2,300 feet from  E /  S Line of Section  
960 feet from  E /  W Line of Section

Is SECTION:  Regular  Irregular?  
(Note: Locate well on the Section Plat on reverse side)  
County: Rooks  
Lease Name: Jayhawk Well #: 1  
Field Name: Riffe  
Is this a Prorated / Spaced Field?  Yes  No  
Target Formation(s): Lansing KC

Nearest Lease or unit boundary line (in footage): 660  
Ground Surface Elevation: 1882 feet MSL  
Water well within one-quarter mile:  Yes  No  
Public water supply well within one mile:  Yes  No  
Depth to bottom of fresh water: 208 180  
Depth to bottom of usable water: 730  
Surface Pipe by Alternate:  I  H  
Length of Surface Pipe Planned to be set: OWWO Surface set at 273  
Length of Conductor Pipe (if any): 5 1/2 @ 3394  
Projected Total Depth: 3394

Formation at Total Depth:  
Water Source for Drilling Operations:  Well  Farm Pond  Other:  
DWR Permit #:

(Note: Apply for Permit with DWR)   
Will Cores be taken?  Yes  No  
If Yes, proposed zone:

**AFFIDAVIT**

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with all rules and regulations of the Conservation Division, 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.

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Date: 1-14-08 Signature of Operator or Agent: [Signature] Title: Operator

For KCC Use ONLY  
API # 15 - 163-22873-00-01  
Conductor pipe required None feet  
Minimum surface pipe required 273 feet per ALT.  I  II  
Approved by: [Signature]  
This authorization expires: 12/31/09  
(This authorization void if drilling not started within 12 months of approval date.)  
Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

**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 prorator 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: \_\_\_\_\_  
Signature of Operator or Agent: \_\_\_\_\_

25  
7  
18  
m  
X

**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 - 163-22873 -00-01

Operator: Fred A. Ernst

Lease: Jayhawk

Well Number: 1

Field: Riffe

Number of Acres attributable to well: 230

QTR/QTR/QTR/QTR of acreage:            - nw - ne - se

Location of Well: County: Rooks

2,300 feet from  N /  S Line of Section

960 feet from  E /  W Line of Section

Sec. 25 Twp. 7 S. R. 18  E  W

Is Section:  Regular or  Irregular

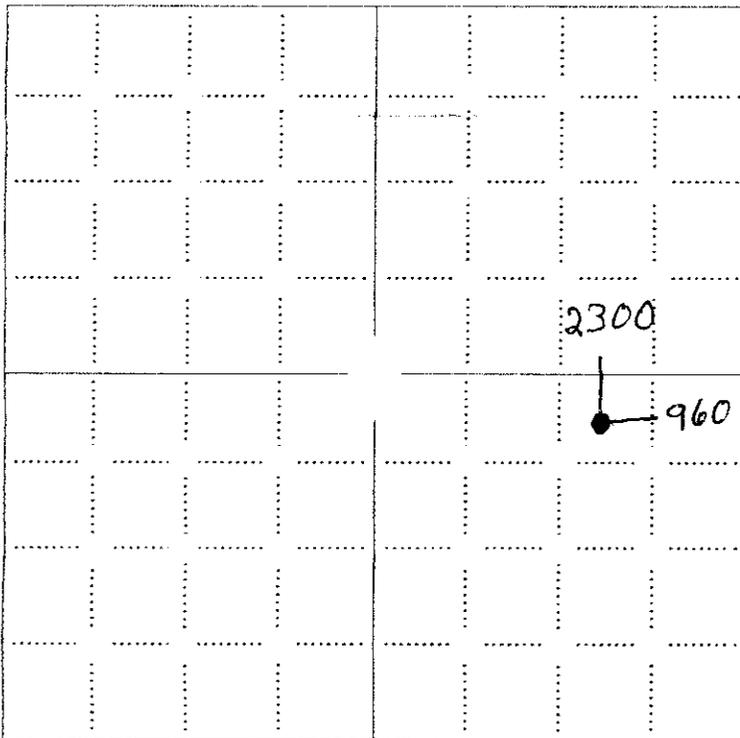
**If Section is Irregular, locate well from nearest corner boundary.**

Section corner used:  NE  NW  SE  SW

**PLAT**

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

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

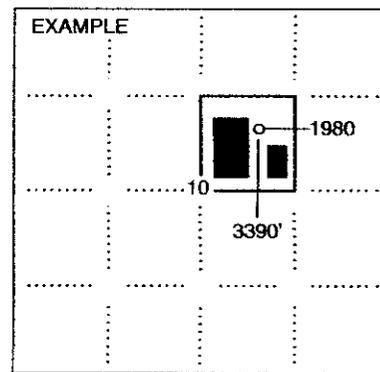


**NOTE: In all cases locate the spot of the proposed drilling location.**

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 25 2008

CONSERVATION DIVISION  
WICHITA, KS



SEWARD CO.

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 18 2008

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 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: (CO-7 for oil wells; CG-8 for gas wells).

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
APPLICATION FOR SURFACE PIT**

Form CDP-1  
April 2004  
Form must be Typed

*Submit in Duplicate*

Operator Name: <b>Fred A. Ernst</b>		License Number: <b>33401</b>	
Operator Address: <b>1234 Walker Ave.</b>			
Contact Person: <b>Fred Ernst</b>		Phone Number: <b>1-785-735-2588</b>	
Lease Name & Well No.: <b>Jayhawk #1</b>		Pit Location (QQQQ): nw      ne      se Sec. <u>25</u> Twp. <u>7</u> R. <u>18</u> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <u>2,300</u> Feet from <input checked="" type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section <u>960</u> Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section <b>Rooks</b> County	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input checked="" type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <small>(If WP Supply API No. or Year Drilled)</small> 15-163-22873		Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: <u>200</u> (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chloride concentration: _____ mg/l <small>(For Emergency Pits and Settling Pits only)</small>	
Is the bottom below ground level? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Pit dimensions (all but working pits): <u>10</u> Length (feet) <u>10</u> Width (feet) <input type="checkbox"/> N/A: Steel Pits		Depth from ground level to deepest point: <u>3</u> (feet) <input type="checkbox"/> No Pit	
If the pit is lined give a brief description of the liner material, thickness and installation procedure. <b>A standard pit liner will be used and only fresh water from a near by pond will enter the pit.</b>		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. <b>The pit will only be used for approximately 1 day and will be monitored throughout the progress of drilling out the cement.</b>	
Distance to nearest water well within one-mile of pit <u>3314</u> Over 1 mile feet    Depth of water well <u>70</u> feet		Depth to shallowest fresh water <u>40</u> <u>25</u> feet. Source of information: <input type="checkbox"/> measured <input checked="" type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> KDWR	
<b>Emergency, Settling and Burn Pits ONLY:</b> Producing Formation: <u>Lansing KC</u> Number of producing wells on lease: <u>0</u> Barrels of fluid produced daily: <u>0</u> Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>Drilling, Workover and Haul-Off Pits ONLY:</b> Type of material utilized in drilling/workover: <u>OWWO / fresh water</u> Number of working pits to be utilized: <u>1</u> Abandonment procedure: <u>Allow the ground to dry out and close the pit within 1 year.</u> Drill pits must be closed within 365 days of spud date.	
I hereby certify that the above statements are true and correct to the best of my knowledge and belief.		RECEIVED KANSAS CORPORATION COMMISSION	
<u>1-23-08</u> Date	 Signature of Applicant or Agent	<b>JAN 25 2008</b> CONSERVATION DIVISION WICHITA, KS	
<b>KCC OFFICE USE ONLY</b>			
Date Received: <u>1/25/08</u>	Permit Number: _____	Permit Date: <u>1/25/08</u>	Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Steel Pit <input type="checkbox"/> RFAC <input checked="" type="checkbox"/> RFAS <input type="checkbox"/>		<i>lined w/ RFAC</i>	

15-163-22873-00-01

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
30 S. Market, Room 2078  
Wichita, KS 67202

WELL PLUGGING RECORD  
K.A.R.-82-3-117

API NUMBER 15-163-22873-00-00  
LEASE NAME Jayhawk  
WELL NUMBER No 1

TYPE OR PRINT  
NOTICE: Fill out completely and return  
to Cons. Div. office within 30 days.

~~10~~ Ft. from S/N Line of Section (circle one)  
~~20~~ Ft. from E/W Line of Section (circle one)

EASE OPERATOR Liberty Operations & Completions, Inc.  
ADDRESS 308 W Mill  
CITY, STATE, ZIP Plainville, Ks. 67663  
PHONE# (913)434-4686 OPERATORS LICENSE NO. 8925  
Character of Well Oil  
(Oil, Gas, D&A, SWD, Input, Water Supply Well)

SPOT LOCATION NW - NE - SE  
SEC. 25 TWP. 75 S. RGE. 18W (E) or (W)  
COUNTY Rooks  
Date Well Completed 3/1986  
Date Plugging Commenced 10/2/96  
Date Plugging Completed 14:00 hrs 10/2/96 (date)

The plugging proposal was approved on 9/18/96  
by Dennis Hamel KCC Eng. (KCC District Agent's Name)

Is ACO-1 filed? yes If not, Is well log attached?  
Producing Formation(s) Arbuckle Depth to Top 3328' Bottom NR T.D. 3390'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULL OUT
Anhydrite	Lime	1278'	1322'	8 5/8	274'	None
Topeka	L.S.	2804'	3013'	5 1/2	3394'	None
Lsg. K.C.	L.S.	3054'	3277'			
Arb.	Dolomite	3328'	not reached			

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet each set.

Squeeze from surface - 35 sx 60/40 poz followed with 18sx gel. mixed in 40 barrel water followed w/100 sx 60/40 poz. Squeeze to 1500# holding pressure (casing full).

(If additional description is necessary, use BACK of this form.)

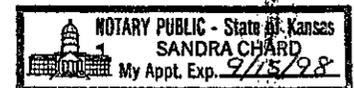
Name of Plugging Contractor Allied Cementing Co.  
License No. NA  
Address Russell, Ks.

10-8-96

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Liberty Operations & Completions, Inc.  
STATE OF Kansas COUNTY OF Rooks, ss.

Charley Farr (Employee of Operator or (Operator) of above-described well, being first  
duly sworn on oath, says: that I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) Charley Farr  
(Address) \_\_\_\_\_



SUBSCRIBED AND SWORN TO before me this 3<sup>rd</sup> day of October, 1996

Sandra Chard  
Notary Public

My Commission Expires: 9/15/98



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

January 28, 2008

Mr. Fred A Ernst  
1234 Walker Ave.  
Walker, KS 67674

Re: Drilling Pit Application  
Jayhawk Lease Well No. 1  
SE/4 Sec. 25-07S-18W  
Rooks County, Kansas

Dear Mr. Ernst:

District staff has inspected the above referenced location and has determined that an unsealed condition will present a pollution threat to water resources. District staff has recommended that the reserve pit be lined. If a plastic liner is to be used it must have a minimum thickness of 10 mil. Integrity of the liner must be maintained at all times.

The free fluids are to be removed from the reserve pit as soon as 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 (785) 625-0550 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](http://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,

A handwritten signature in black ink that reads "Kathy Haynes". The signature is written in a cursive style.

Kathy Haynes  
Environmental Protection and Remediation Department

cc: district office