



KANSAS CORPORATION COMMISSION 1322751  
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: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
Is the bottom below ground level? <input type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input type="checkbox"/> Yes <input type="checkbox"/> No	
How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits):    _____ Length (feet)    _____ Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: _____ (feet) <input type="checkbox"/> No Pit			
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.	
Distance to nearest water well within one-mile of pit: _____ feet    Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> KDWR	
<b>Emergency, Settling and Burn Pits ONLY:</b> Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Drilling, Workover and Haul-Off Pits ONLY:</b> Type of material utilized in drilling/workover: _____ Number of working pits to be utilized: _____ Abandonment procedure: _____ _____ Drill pits must be closed within 365 days of spud date.	
<p><b>Submitted Electronically</b></p>			

**KCC OFFICE USE ONLY**

Liner     Steel Pit     RFAC     RFAS

Date Received: \_\_\_\_\_ Permit Number: \_\_\_\_\_ Permit Date: \_\_\_\_\_ Lease Inspection:     Yes     No



**BROWN #1**  
**PLUG AND ABANDONMENT PROCEDURE**

**API # 15-087-20335**  
**¼ N, ¾ E OF WINCHESTER KS; SECTION 25, T8S R19E**  
**JEFFERSON Co., KS**

October 27, 2016

**1.0 General Information**

**1.1 Well Information**

<b>WELL NAME:</b>	Brown 1	<b>AFE:</b>	***
<b>LEGAL:</b>	¼ N, ¾ E OF WIN. KS	<b>WINS:</b>	N/A
<b>LOCATION:</b>	S25 T8S R19E	<b>TD:</b>	1,769
<b>COUNTY, ST:</b>	Jefferson, KS	<b>PBTD:</b>	1,769
<b>APC WI:</b>	100.00%	<b>FIELD:</b>	Winchester
<b>APC NRI:</b>	N/A		

Objective	Permanently Plug and Abandonment Well
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Well Status	Brown #1 is a legacy company's old well (Lance Oil & Gas). APC received notice of plugging liability with a deadline for response of 10/28/2016. Field personnel have surveyed the well site and this procedure is a proposal to execute the P&A.
Directions	From Winchester, Ks from the intersection of Walnut Street & Delaware Street-Hwy 192 go 1/2 mile east on Hwy 192, 1/2 north on Thomas Road, 1/4 mile east on 158 Street Road, south to location.

Tubular	OD	ID	Drift	Weight	Grade	Thread & Connection	Burst	Collapse	Set @
Surface*	7"	6.456"	6.331"	20	J-55	STC	3,740	2,270	42
Production*	4.5"	4.052"	3.927"	10.5	J-55	STC	4,790	4,010	1,769

**\* Based upon Non-API standards\***

Capacities	Bbl/ft	Ft <sup>3</sup> /ft
7" Surface Casing	.0405	.2273
4.5" Production Casing	.0159	.0896

## 2.0 Field Operations

- 2.1 Hold a pre job safety meeting and review job hazards and requirements prior to start of work. Ensure proper Personal Protective Equipment (PPE) is used during the job. Minimums are FR clothing, hard hats, steel toes, and safety glasses. Designate a smoking area off location and 100' from any potential hydrocarbons.
- 2.2 Notify the KCC District office at least five days prior to operations to confirm plug depths and abandonment procedures.
- 2.3 Verify we are on the correct well – Brown #1; 25-8S-19E: 4950 FSL/3630 FEL; API – 15-087-20335; Lat/Long – 39.33142/-95.24839.
- 2.4 Check well for gas flow. Kill as necessary w/ FW.
- 2.5 NU a new 2000 psi casing valve.
- 2.6 MIRU pump truck.
- 2.7 Pump 37 bbls freshwater to establish injection. **\*\*DO NOT EXCEED 300 PSI INJECTION PRESSURE\*\***. If able to establish injection, move to Step 2.8. If not, follow steps below:
  - 2.7.1 MIRU slick line unit.
  - 2.7.2 RIH w/ 1-5/8" bailor to tag sand/fill. Report the amount of fill.
  - 2.7.3 MIRU pulling unit and NU BOP.
  - 2.7.4 Clean out to 1700' with sand line and pump 10 bbls FW to flush casing.
  - 2.7.5 PU 2-3/8" tubing and run 3.875" GR to ensure casing clearance.
  - 2.7.6 PU 4-1/2" 10K tubing-set CIBP and set this @ 1650'. Release tubing from CIBP
  - 2.7.7 MIRU cement truck and pump 110 sx 60/40 POZ cement to fill the wellbore. POOH w/ tubing and move to step 2.10.
- 2.8 MIRU cement truck for plugging
- 2.9 Begin pumping 116 sx 60/40 POZ cement. **\*\*DO NOT EXCEED 300 PSI INJECTION PRESSURE\*\***
- 2.10 RDMO
- 2.11 Cut and cap well. Reclaim surface per landowner instruction.