



KANSAS CORPORATION COMMISSION 1037526  
 OIL & GAS CONSERVATION DIVISION  
**APPLICATION FOR SURFACE PIT**

Form CDP-1  
 April 2004  
 Form must be Typed

Submit in Duplicate

Operator Name: L.D. Drilling, Inc.		License Number: 6039	
Operator Address: 7 SW 26TH AVE		GREAT BEND KS 67530	
Contact Person: L D DAVIS		Phone Number: 620-793-3051	
Lease Name & Well No.: BUSH 4		Pit Location (QQQQ): NE - NW - NW - SE	
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)          15-009-24936-00-00</small>		Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: 100 (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input checked="" type="checkbox"/> Yes <input 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	
How is the pit lined if a plastic liner is not used?		Barton _____ County	
Pit dimensions (all but working pits): 25 Length (feet) 8 Width (feet)		<input type="checkbox"/> N/A: Steel Pits	
Depth from ground level to deepest point: 4 (feet)		<input type="checkbox"/> No Pit	
If the pit is lined give a brief description of the liner material, thickness and installation procedure. <b>HEAVY PLASTIC LINER</b>		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. <b>HAUL FLUIDS AND FILL IN A FEW DAYS</b>	
Distance to nearest water well within one-mile of pit 1508 feet    Depth of water well 63 feet		Depth to shallowest fresh water 8 feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input checked="" 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: DRILLING FLUID CUTTINGS Number of working pits to be utilized: 1 Abandonment procedure: REMOVE FLUIDS AND LINER AND BACKFILL WHEN CONDITIONS ALLOW Drill pits must be closed within 365 days of spud date.	
Submitted Electronically			
KCC OFFICE USE ONLY			
Date Received: 04/27/2010		Permit Number: 15-009-24936-00-00	
Permit Date: 04/30/2010		Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



*Mark Parkinson, Governor  
Thomas E. Wright, Chairman  
Joseph F. Harkins, Commissioner  
Ward Loyd, Commissioner*

April 30, 2010

L D DAVIS  
L.D. Drilling, Inc.  
7 SW 26TH AVE  
GREAT BEND, KS 67530-6525

Re: Drilling Pit Application  
BUSH 4  
Sec.01-20S-14W  
Barton County, Kansas

Dear L D DAVIS:

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

District staff has recommended that the Workover 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.

**NO completion fluids or non-exempt wastes shall be placed in the Workover pit.**

The free fluids in the Workover pit should be removed as soon as practical after drilling operations have ceased. 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 2008), Exploration and Production Waste Transfer, through SOLAR within 30 days of fluid removal.

If you have any questions or concerns please feel free to contact the District Office at (785) 625-0550.

Operator & Address: LD Drilling, Inc.  
 Lic.# 6039 Contact Person: Betsy Phone # 620-793-5477  
 Lease Name & Well # BUSH #4 API # or Spud Date: 15-009-24936 ✓  
 Location: 1/4 Sec: 1 Twp: 20 Rge: 14 E 10 County: Barton  
2500 feet from the North South Line, 2150 feet from the East / West Line of SE 1/4 section.  
 Purpose of Pit: WORKOVER Depth to Ground Water: 8'  
 Nature of Fluids: Brine - cement - Fresh water  
 Construction: Earth, Width: 8, Length: 20, Depth: 4 bbl capacity: 80  
 Liner Specifications: Plastic  
 This lease produces from the following formation(s): LKC + ARB.  
 Date of Verbal Permit: 4-26-2010, KCC Agent: Richard Williams  
 To save paperwork, copy this form after completion of the first 11 lines. Use copy for closure form.  
 Dates Pit Used: From 4-26-10 To 5-6-10 Date Water Hauled: \_\_\_\_\_  
 Proposed Closing Procedure / Actual Closure information: \_\_\_\_\_

Pit must be closed in \_\_\_\_\_ days. \_\_\_\_\_ (signature) \_\_\_\_\_ (date)  
 \*\*\*\*\* KCC USE ONLY \*\*\*\*\*  
 Groundwater Sensitive Area YES ( ) NO ( ); Field Inspection Date: \_\_\_\_\_, Agent: \_\_\_\_\_  
 Chloride of Water in Pit: \_\_\_\_\_, Date Collected: \_\_\_\_\_  
 \_\_\_\_\_ feet to nearest Water Well. Depth of Water Well: \_\_\_\_\_, Application Tabulated

RECEIVED  
 KANSAS CORPORATION COMMISSION

APR 28 2010

CONSERVATION DIVISION  
 WICHITA, KS

LD DRILLING  
 GREAT BEND KS 67530

1-20S-14W  
 2500' FSL & 2150' FEL, SEC

#4 BUSH

site: 1/2 S & 1/2 W OF GREAT BEND KS      cy: BARTON      API 15-009-24936  
 contr: SOUTHWIND DRILLING #2      field: FOUR EXT (1/4 NE)  
 geol: KIM B. SHOEMAKER  
 fr date 05/05/2006      spd date 07/13/2006      drig comp 07/21/2006      card issued 11/06/2006      last revised 11/06/2006


ELV: 1878 KB, 1869 GL LOG

tops	depth/datum
ANH	776 +1102
CHASE	1712 +166
HEEB	3105 -1227
BR LM	3205 -1327
LANS	3214 -1336
BKC	3437 -1559
ARB	3490 -1612
RTD	3610 -1732
LTD	3616 -1738

IP status  
 OIL, P 3 BO & 135 BWPD, LKC 3277-3282, 07/27/2006  
 NOTE: CORRECTION 7/13/2006 - ORIG FR AS LD DRILLING  
 AS CONTR  
 CSG: 8-5/8" 793 / 335 SX (ALT 1), 5-1/2" 3613 / 175 SX  
 COMMENT: PROPOSED START 5/20/2006; MI & RURT  
 7/13/2006  
 NO CORES  
 DST (1) 3239-3315 (LANS A-F), / 30-45-45-60, (1ST OP) BLO  
 OFF BTM BKT/4", (2ND OP) GTS/12", GA 10 MCFGPD DECR  
 TO 6 MCFGPD, REC 400' TF: 30' V SLI OIL & GCM (2% OIL,  
 20% G, 70% M), 120' HVLY OILY GCM (25% G, 25% OIL,  
 50% M), 250' MDY GSY OIL (10% M, 25% G, 65% OIL) ISIP  
 863# FSIP 844# IFP 67# -122# FFP 146# -190# BHT 109'

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 INDEPENDENT OIL & GAS SERVICE, INC.  
 WICHITA, KANSAS

(over)

Application Approved: 4/30/10

EPR Rec'd:  
 5/14/10