For KCC Use:	3-14-07
Effective Date:	3-14-07
District # 4	
SGA? XYes	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

	_ Spot East
month day year	ApNE - NWNE - NE Sec. 34 Twp. 7 S. R. 20' West
PERATOR: License# 31569	175 feet from V N / S Line of Section
Ime: Bach Oil Production	685 feet from F W Line of Section
Idroom, P.O. Box 723	Is SECTION <u>✓ RegularIrregular?</u>
ty/State/Zip: Alma, NE 68920	(Made of a set a seed of a first of a Charles of a charle
ty/State/Zip:	(Note: Locate well on the Section Plat on reverse side)
ontact Person: Jason Bach (785) 476-5254	County: Rooks
one: (785) 476-5254	Lease Name: Lowrey Unit Well #: 1
33237	Field Name: wildcat
ONTRACTOR: License# 33237 / Inne: Anderson Drilling	Is this a Prorated / Spaced Field?
ime: 7 adolosii Diiliilig	Target Formation(s): Arbuckle
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary: 175'
	Ground Surface Elevation: 1958 feet MSL
Oil Finh Rec Infield Mud Rotary	Water well within one-quarter mile: Yes ✓ No
Gas Storage Pool Ext. Air Rotary	Public water supply well within one mile:
OWWO Disposal V Wildcat Cable	Depth to bottom of fresh water: 160'
Seismic; # of Holes Other	Depth to bottom of usable water: 850'
Other	
	Surface Pipe by Alternate: 1 2
OWWO: old well information as follows:	Length of Surface Pipe Planned to be set: none
Operator:	Length of Conductor Pipe required: 50'
Well Name:	Projected Total Depth: 3,600'
Original Completion Date:Original Total Depth:	Formation at Total Depth: Arbuckle
	Water Source for Drilling Operations:
rectional, Deviated or Horizontal wellbore?	© Well ✓ Farm Pond Other
fes, true vertical depth:	— DWR Permit #:
ottom Hole Location:	(Note: Apply for Permit with DWR
OC DKT #:	Will Cores be taken?
_	•
beclaration of Unitication Attached	If Yes, proposed zone:
-	If Yes, proposed zone:
Declaration of Unitization Attached A	If Yes, proposed zone: FFIDAVIT
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MAR 07 2007

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.

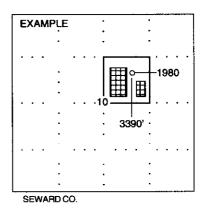
API No. 15 - 163-23597-0000	Location of Well: County: Rooks
Operator: Bach Oil Production	
Lease: Lowrey Unit	685 feet from ✓ E / W Line of Section
Well Number: 1	Sec. 34 Twp. 7 S. R. 20' East ✓ Wes
Field: wildcat	<u> </u>
Number of Acres attributable to well: QTR / QTR / QTR of acreage: ApNE - NWNE - NE	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.)

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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.
- 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).

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: Bach Oil Production			License Number: 31569		
Operator Address: P.O. Box 723, Alma, NE 68920					
Contact Person: Jason Bach			Phone Number: (785) 476 - 5254		
Lease Name & Well No.: Lowrey Unit	#1		Pit Location (QQQQ):		
Type of Pit:	Pit is:		NE NW NE NE		
Emergency Pit Bum Pit	Proposed Existing		Sec. 34 Twp. 7 R. 20 ☐ East ✓ West		
Settling Pit	If Existing, date constructed:		175 Feet from 🗸 North / South Line of Section		
Workover Pit Haul-Off Pit	Pit capacity: 3,600 (bbls)		Feet from ✓ East / West Line of Section		
(If WP Supply API No. or Year Drilled)			Rooks		
Is the pit located in a Sensitive Ground Water		No	Chloride concentration:mg/l		
is the pictocated in a densitive cround water	Alea: [-] les [V		(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	clay type soil		
Pit dimensions (all but working pits):	SO Length (fo	eet) 60	Width (feet) N/A: Steel Pits		
	om ground level to d		(feet)		
material, thickness and installation procedure			ncluding any special monitoring.		
, ,		1 '	Depth to shallowest fresh waterfeet. Source of information:		
N/A feet Depth of water wellfeet		measu	measured well 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: drilling mud			
			Number of working pits to be utilized: 1		
Barrels of fluid produced daily: At		Abandonment procedure: let fluid evaporate and fill with			
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No		excavated dirt Drill pits must be closed within 365 days of spud date.			
hereby certify that the above statements are true and correct to the best of my knowledge and belief.					
March 7, 2007 Date Owns hands Signature of Applicant or Agent					
	KCC	OFFICE USE OI	NLY		
Date Received: $3/7/c$ 7 Permit Num	ber:	Permi	it Date: 3 2007 Lease Inspection: 🕅 Yes 🗌 No		

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

MAR 0 / 2007



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

March 9, 2007

Mr. Jason Bach Bach Oil Production PO Box 723 Alma, NE 68920

RE: Drilling Pit Application

Lowrey Unit Lease Well No. 1 NE/4 Sec. 34-07S-20W Rooks County, Kansas

Dear Mr. Bach:

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. **Please keep all pits away from any draws.**

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.

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

T.10S, R.7E set to 920 feet m.s.l. T.10S, R.8E set to 890 feet m.s.l. T.10S, R.9E set to 880 feet m.s.l.

In all cases, set through all unconsolidated material plus 20 feet into the underlying formation.

ROOKS

In T.6S, T.9S and T.10S, cement surface pipe through the Dakota formation plus 20 feet into the underlying formation except where local areas of usable water occur in the Cheyenne sandstone, in which case, protection must be extended 20 feet into the Permian.

The following options are open: (a) cement surface pipe through the Dakota plus 20 feet into the underlying formation or (b) cement surface pipe through all fresh water and/or unconsolidated material plus 20 feet below the base of the Dakota to the surface. If (b) is used and the hole is dry, refer to K.A.R. 82-3-114. In all cases, a minimum of 50 feet of surface pipe is required.

In T.7S and T.8S, protection shall be as outlined above except in the following areas:

Township 7 South, R.17W, below surface elevation 1860 feet Townships 7 and 8 South, R.18W, below surface elevation 1880 feet Townships 7 and 8 South, R.19W, below surface elevation 1920 feet Townships 7 and 8 South, R.20W, below surface elevation 1960 feet

Within these areas, large surface pipe or 8 5/8 inch surface pipe systems may be used. If the large surface pipe is used, surface pipe of at least 13 3/8 inches in diameter shall be cemented through all unconsolidated material plus a minimum of 20 feet into the underlying formation with a minimum of 40 feet being used. Then the following options are open: (a) set intermediate pipe to the Stone Corral (Anhydrite) and cement from the Stone Corral to surface or (b) cement the production string from the Anhydrite to surface immediately after it has been set. If (b) is used and the hole is dry, plug per K.A.R. 82-3-114.

If 8 5/8 inch surface pipe is used, it will be set and cemented through all unconsolidated material plus a minimum of 20 feet into the underlying formation. A blowout preventor will be installed and maintained on the surface pipe until pipe is set or the hole plugged. If serious flow problems occur, the hole will be plugged per K.A.R. 82-3-114.

If the hole is completed and production pipe installed, cement the production string from the Stone Corral Anhydrite to surface immediately after it has been set. If the hole is dry, plug the hole per K.A.R. 82-3-114.

If Alternate II is used in the above described special area, follow the procedure outlined in K.A.R. 82-3-106. The option for 120 days to complete cementing is not available and the operator shall cement production casing from Stone Corral (Anhydrite) to surface immediately.

RUSH

Protect through the Dakota formation plus 20 feet into the underlying formation except where known local areas of usable water occur in the Cheyenne sandstone, in which case, protection must be extended 20 feet into the Permian. The following options are open: (a) set through the Dakota plus 20 feet into the underlying formation or 20 feet into the Permian if specifically designated or (b) set through all unconsolidated material plus 20 feet into the underlying formation and cement the production string from a point 20 feet below the base of the Dakota or 20 feet below the base of the Cheyenne, if specifically designated, to the surface. If (b) is used and the hole is dry, refer to K.A.R. 82-3-114. In all cases, set through all unconsolidated material plus 20 feet into the underlying formation.