

For KCC Use: 6-13-2009
 Effective Date: _____
 District #: 4
 SGA? Yes No

KANSAS CORPORATION COMMISSION
 OIL & GAS CONSERVATION DIVISION

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

NOTICE OF INTENT TO DRILL

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

Expected Spud Date: June 10, 2009
 month day year

OPERATOR: License# 4767 ✓
 Name: Ritchie Exploration, Inc.
 Address 1: PO 783188
 Address 2: _____
 City: Wichita State: KS Zip: 67278 + 3188
 Contact Person: Justin Clegg
 Phone: 316-691-9500

CONTRACTOR: License# 5929 ✓
 Name: Duke Drilling Co., Inc.

Well Drilled For: Oil Gas Seismic; # of Holes _____
 Other: _____
 If OWWO: old well information as follows:

Well Class: Infield Pool Ext. Wildcat Other _____
 Enh Rec Storage Disposal _____

Type Equipment: Mud Rotary Air Rotary Cable _____

Operator: _____
 Well Name: _____
 Original Completion Date: _____ Original Total Depth: _____

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

Spot Description: 50'S & 279'E of
C - SE - NE - SE Sec. 20 Twp. 13 S. R. 31 E W
 (or/or) 1,600 feet from N / S Line of Section
51 feet from E / W Line of Section

Is SECTION: Regular Irregular?
 (Note: Locate well on the Section Plat on reverse side)

County: Gove
 Lease Name: Hess Unit Well #: 1

Field Name: _____
 Is this a Prorated / Spaced Field? Yes No

Target Formation(s): Mississippian
 Nearest Lease or unit boundary line (in footage): 380'

Ground Surface Elevation: 2976.8 2876.8 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: 150
 Depth to bottom of usable water: 1500
 Surface Pipe by Alternate: I II
 Length of Surface Pipe Planned to be set: 200'
 Length of Conductor Pipe (if any): NONE

Projected Total Depth: 4750'
 Formation at Total Depth: Mississippian

Water Source for Drilling Operations:
 Well Farm Pond Other: X

DWR Permit #: _____
 (Note: Apply for Permit with DWR)

Will Cores be taken? Yes No
 If Yes, proposed zone: _____

Oil & Gas Leases w/ pooling clauses submitted

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.
 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: June 4, 2009 Signature of Operator or Agent: _____ Title: GIS Specialist

For KCC Use ONLY
 API # 15 - 063-21781-00-00
 Conductor pipe required None feet
 Minimum surface pipe required 200 feet per ALT. I II
 Approved by: [Signature] 6-8-2009
 This authorization expires: 6-8-2010
 (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 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);
- 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: _____

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 JUN 05 2009
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20
13
31
 E
 W

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 - 063-21781-00-00

Operator: Ritchie Exploration, Inc.

Lease: Hess Unit

Well Number: 1

Field: _____

Number of Acres attributable to well: _____

QTR/QTR/QTR/QTR of acreage: C - SE - NE - SE

Location of Well: County: Gove

1,600 feet from N / S Line of Section

51 feet from E / W Line of Section

Sec. 20 Twp. 13 S. R. 31 E W

Is Section: Regular or Irregular

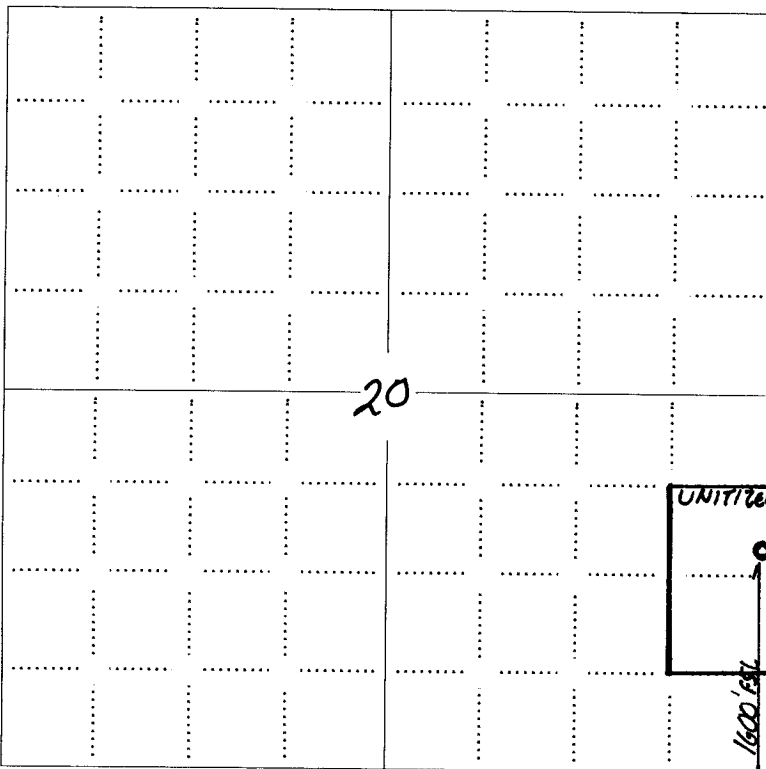
If Section is Irregular, locate well from nearest corner boundary.

Section corner used: NE NW SE SW

PLAT

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

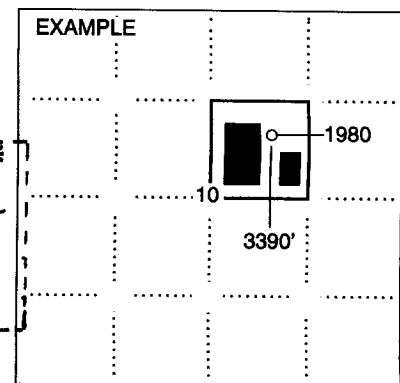
(Show footage to the nearest lease or unit boundary line.)



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JUN 05 2009

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

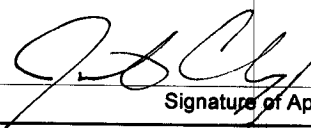
In plotting the proposed location of the well, you must show:

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).

**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: Ritchie Exploration, Inc.		License Number: 4767
Operator Address: PO 783188		Wichita KS 67278
Contact Person: Justin Clegg		Phone Number: 316-691-9500
Lease Name & Well No.: Hess Unit 1		Pit Location (QQQQ):
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input checked="" type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <small>(If WP Supply API No. or Year Drilled)</small>		Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: 10,686 (bbbls)
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		50'S 27'9"E SE NE SE Sec. 20 Twp. 13 R. 31 <input type="checkbox"/> East <input checked="" type="checkbox"/> West 1,600 Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section 51 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Gove County
Is the bottom below ground level? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <small>(For Emergency Pits and Settling Pits only)</small>
Artificial Liner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		How is the pit lined if a plastic liner is not used? Cottonseed Hulls / Aqua Gel
Pit dimensions (all but working pits): 100 Length (feet) 100 Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: 6 (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 2594 feet Depth of water well 44 feet		Depth to shallowest fresh water 27 feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input checked="" type="checkbox"/> KDWR
Emergency, Settling and Burn Pits ONLY: 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		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: Fresh / Chemical Mud Number of working pits to be utilized: 3 Abandonment procedure: Backfill 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. KANSAS CORPORATION COMMISSION		
June 4, 2009 Date	 Signature of Applicant or Agent	JUN 05 2009 RECEIVED
KCC OFFICE USE ONLY		
Date Received: 6/5/09 Permit Number: _____		Steel Pit <input type="checkbox"/> RFAC <input type="checkbox"/> RFAS <input type="checkbox"/>
Permit Date: 6/5/09 Lease Inspection: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

15063-21781-00-00