

| For KCC Use:      |  |
|-------------------|--|
| Effective Date: _ |  |
| District #        |  |
| 0040 🖂            |  |

This authorization expires: \_\_\_

Spud date: \_

(This authorization void if drilling not started within 12 months of approval date.)

\_ Agent: \_

# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form C-1 October 2007 Form must be Typed

| ERATOR: License#  | feet from N / S Line of Sect feet from E / W Line of Sect feet from E / W Line of Sect feet from E / W Line of Sect Is SECTION: Regular Irregular?  (Note: Locate well on the Section Plat on reverse side)  County:  Lease Name: Well #:  Field Name: Is this a Prorated / Spaced Field?  Target Formation(s):  Nearest Lease or unit boundary line (in footage):  Ground Surface Elevation: feet M Water well within one-quarter mile:  Public water supply well within one mile: Yes Depth to bottom of fresh water:  Depth to bottom of usable water: |
|---|---|
| State:  | feet from N / S Line of Sect feet from E / W Line of Sect Is SECTION: Regular Irregular?  (Note: Locate well on the Section Plat on reverse side)  County:  Lease Name: Well #:  Field Name: Is this a Prorated / Spaced Field? Yes It Target Formation(s):  Nearest Lease or unit boundary line (in footage):  Ground Surface Elevation: feet M Water well within one-quarter mile:  Public water supply well within one mile: Yes Depth to bottom of fresh water:  Depth to bottom of usable water:   |
| State:  | Is SECTION: Regular Irregular?  (Note: Locate well on the Section Plat on reverse side)  County: Well #: Field Name: Well #: Field Name: Is this a Prorated / Spaced Field?  Target Formation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation: feet M Water well within one-quarter mile: Yes Depth to bottom of fresh water: Depth to bottom of usable water: Depth to bottom of usable water:  |
| State:   Zip:   +   | (Note: Locate well on the Section Plat on reverse side)  County:  Lease Name: Well #:  Field Name:  Is this a Prorated / Spaced Field?  Target Formation(s):  Nearest Lease or unit boundary line (in footage):  Ground Surface Elevation: feet M  Water well within one-quarter mile:  Public water supply well within one mile:  Depth to bottom of fresh water:  Depth to bottom of usable water:  |
| State: Zip: +  Intact Person:   | County:   |
| State: Zip: +  Intact Person:   | County:   |
| NTRACTOR: License#  | Lease Name:   |
| NTRACTOR: License#  | Field Name:   |
| Well Drilled For: Well Class: Type Equipment:  Oil Enh Rec Infield Mud Rotary  Gas Storage Pool Ext. Air Rotary  Disposal Wildcat Cable  Seismic; # of Holes Other  Other:  | Target Formation(s):  |
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| Oil Enh Rec Infield Mud Rotary  Gas Storage Pool Ext. Air Rotary  Disposal Wildcat Cable  Seismic; # of Holes Other  Other:   | Nearest Lease or unit boundary line (in footage):  Ground Surface Elevation:  Water well within one-quarter mile:  Public water supply well within one mile:  Depth to bottom of fresh water:  Depth to bottom of usable water:   |
| Oil Enh Rec Infield Mud Rotary  Gas Storage Pool Ext. Air Rotary  Disposal Wildcat Cable  Seismic; # of Holes Other  Other:   | Ground Surface Elevation:feet M Water well within one-quarter mile:Yes Public water supply well within one mile:Yes Depth to bottom of fresh water: Depth to bottom of usable water:  |
| Gas Storage Pool Ext. Air Rotary Disposal Wildcat Cable Seismic ; # of Holes Other Other:   | Public water supply well within one mile:  Depth to bottom of fresh water:  Depth to bottom of usable water:  |
| Disposal Wildcat Cable Seismic ; # of Holes Other Other:  | Depth to bottom of fresh water:   |
| Seismic ; # of Holes Other Other:   | Depth to bottom of fresh water:  Depth to bottom of usable water:   |
| Other:  | Depth to bottom of usable water:  |
|   |   |
| If OWWO: old well information as follows:   | Surface Pipe by Alternate:     I   II   |
|   | Length of Surface Pipe Planned to be set:   |
| Operator:   | Length of Conductor Pipe (if any):  |
| Well Name:  |   |
| Original Completion Date: Original Total Depth:   | Formation at Total Depth:   |
|   | Water Source for Drilling Operations:   |
| ectional, Deviated or Horizontal wellbore?  | Well Farm Pond Other:   |
| s, true vertical depth:   | DWR Permit #:   |
| om Hole Location:   | ( <b>Note:</b> Apply for Permit with DWR )  |
| C DKT #:  | Will Cores be taken?  |
|   | If Yes, proposed zone:  |
| <ol> <li>The appropriate district office will be notified before well is either plugger.</li> <li>If an ALTERNATE II COMPLETION, production pipe shall be cemented or pursuant to Appendix "B" - Eastern Kansas surface casing order #</li> </ol> | h drilling rig; by circulating cement to the top; in all cases surface pipe <b>shall be set</b> le underlying formation. trict office on plug length and placement is necessary <b>prior to plugging</b> ;  |
| For KCC Use ONLY  API # 15  Conductor pipe required feet  Alinimum surface pipe required feet per ALT. I II   | 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);  |

check the box below and return to the address below.

Well Not Drilled - Permit Expired Date: Signature of Operator or Agent:



## IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

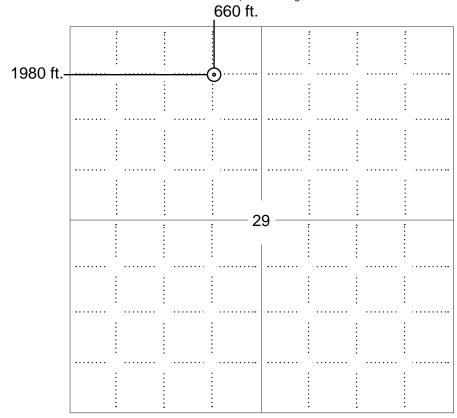
Plat of acreage attributable to a well in a prorated or spaced field

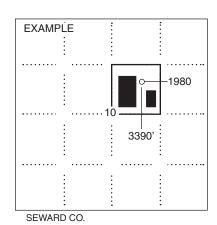
If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please 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                            |  |  |  |
|---------------------------------------|--|--|--|
| Operator:                             | Location of Well: County:  |  |  |
| Lease:                                | feet from N / S Line of Section  |  |  |
| Well Number:                          | feet from E / W Line of Section  |  |  |
| Field:                                | Sec Twp S. R   |  |  |
| Number of Acres attributable to well: | 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 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 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

1039096

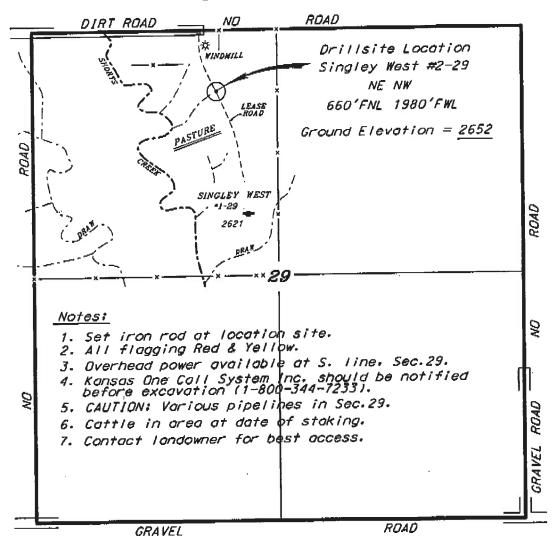
Form CDP-1
April 2004
Form must be Typed

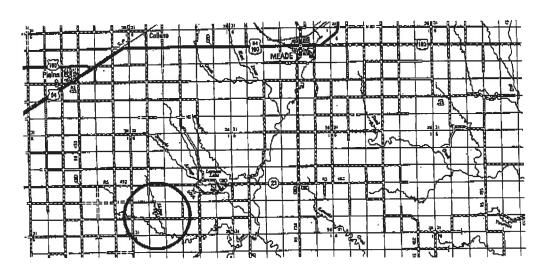
# **APPLICATION FOR SURFACE PIT**

## Submit in Duplicate

| Operator Name:   |   |   | License Number:   |  |
|--|---|---|---|--|
| Operator Address:  |   |   |   |  |
| Contact Person:  |   |   | Phone Number:   |  |
| Lease Name & Well No.:   |   |   | Pit Location (QQQQ):  |  |
| Type of Pit:  Emergency Pit Burn Pit  Settling Pit Drilling Pit  Workover Pit Haul-Off Pit  (If WP Supply API No. or Year Drilled) | Pit is:  Proposed Existing  If Existing, date constructed:  Pit capacity: |   | SecTwpR East West Feet from North / South Line of Section Feet from East / West Line of Section |  |
|  |   | (bbls)  | County  |  |
| Is the pit located in a Sensitive Ground Water   | Area? Yes   | No  | Chloride concentration: mg/l  (For Emergency Pits and Settling Pits only)                       |  |
| Is the bottom below ground level?  Yes No  | Artificial Liner?   |   | How is the pit lined if a plastic liner is not used?  |  |
| Pit dimensions (all but working pits):   | Length (feet)   |   | Width (feet) N/A: Steel Pits  |  |
| Depth fr   | om ground level to de   | eepest point:   | (feet) No Pit   |  |
| material, thickness and installation procedure   | ł.  | liner integrity, in                                     | ncluding any special monitoring.  |  |
| Distance to nearest water well within one-mile of pit  |   | Depth to shallo<br>Source of infor                      | west fresh waterfeet.   |  |
| feet Depth of water wellfeet   |   |   | redwell owner electric logKDWR  |  |
| Emergency, Settling and Burn Pits ONLY:  |   | Drilling, Work  | over and Haul-Off Pits ONLY:  |  |
| Producing Formation:   |   | Type of material utilized in drilling/workover:         |   |  |
| Number of producing wells on lease:  |   | Number of working pits to be utilized:                  |   |  |
| Barrels of fluid produced daily:   |   | Abandonment   | procedure:  |  |
| Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No   |   | Drill pits must be closed within 365 days of spud date. |   |  |
| Submitted Electronically   |   |   |   |  |
| KCC OFFICE USE ONLY Steel Pit RFAC RFAS  |   |   |   |  |
| Date Received: Permit Num  | ıber:   | Perm  | it Date: Lease Inspection:  |  |

O'BRIEN ENERGY SINGLEY WEST LEASE NW. 1/4. SECTION 29. T335. R29W MEADE COUNTY, KANSAS



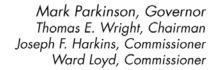


e Controlling data is based upon the best mads and photographs evallable to us and upon a regular section of land containing \$40 acres.

June 4, 2010

Approximate inno containing sets outse.

Approximate section lines were obtained using the normal standard of the of cliffed surveyors profit in the state of kinded. The section commers, which establish the precise section lines are contained to the state in the critish logging in the section lines are used to the critish logging in the section lines are used to the critish logging in the section lines are used to the critish logging in the section large parties relatively and comparing the profit of the critish lines are considered. Therefore, the operator settle for this service and occaping this play and all profits are critish. The drivings and appropriate relatively line, there are large contained that the critish contained in the critish contained to contain the critish contained the critish contained to contain the critish contained to con





June 10, 2010

JOSEPH FORMA O'Brien Energy Resources Corp. 18 CONGRESS ST, STE 207 PORTSMOUTH, NH 03801-4091

Re: Drilling Pit Application SINGLEY WEST 2-29 NW/4 Sec.29-33S-29W Meade County, Kansas

## Dear JOSEPH FORMA:

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 with bentonite or native clay, 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 the Hutchinson Salt section has been drilled through and displacement of the fluids into the reserve pit has occurred. The fluids should be removed again 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 (620) 225-8888 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.

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 District Office at (620) 225-8888.