| For KCC Use: | 8-14-07 |
|-------------------|----------|
| Effective Date: _ | 0 1101 |
| District # | <u>a</u> |
| SGA? Yes | s ズ No |

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

NOTICE OF INTENT TO DRILL

Form C-1
December 2002
Form must be Typed
Form must be Signed
All blanks must be Filled

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

| Expected Spud Date August 12, 2007 | Spot | ✓ East |
|---|---|---|
| month day year | S/2 - SW - NE Sec. 4 Twp. 34 S. R. 8 | West |
| OPERATOR: License# | 2970 feet from N / S Line of | Section |
| Name: Teichgraeber Oil Company | 1980 feet from F / W Line of | Section |
| 700 N. Main | Is SECTION Regular Irregular? | |
| City/State/Zip: Eureka, KS 67045 | (Note: Locate well on the Section Plat on reverse side) | |
| Contact Person: A. C. Teichgraeber | County: Cowley | |
| Phone: (620) 583-7500 | Lease Name ^{, Fulsom} Well #: 4 | |
| <i>,</i> | Field Name: Cedarvale North | · |
| CONTRACTOR: License# 32854 | | Yes 🗸 No |
| Name: Gulick Drilling Company, Inc. | Target Formation(s): Cattleman/Mississippian | |
| | Nearest Lease or unit boundary: 330' | |
| Well Drilled For: Well Class: Type Equipment: | Ground Surface Elevation: 995' | feet MSL |
| Oil Oil Enh Rec Infield Mud Rotary | Water well within one-quarter mile: | Yes 🗸 No |
| ☐ Gas ☐ Storage ✓ Pool Ext. ☐ Air Rotary | | Yes 🗸 No |
| OWWO Disposal Wildcat Cable | Depth to bottom of fresh water: 100- 201 | |
| Seismic;# of Holes Other | Depth to bottom of usable water: 290 430 | |
| Other | Surface Pipe by Alternate: 1 2 | |
| f OWWO: old well information as follows: | Length of Surface Pipe Planned to be set: 200 | |
| Operator: | Length of Conductor Pipe required: none | · · · · · · · · · · · · · · · · · · · |
| Well Name: | Projected Total Depth: 2,550' | |
| Original Completion Date:Original Total Depth: | Formation at Total Depth: Mississippian | |
| | Water Source for Drilling Operations: | |
| Directional, Deviated or Horizontal wellbore? | Well Farm Pond Other hauled | |
| f Yes, true vertical depth: | | |
| | | |
| Bottom Hole Location: | (Note: Apply for Permit with DWR) | |
| Bottom Hole Location: | | Yes ✓ No |
| KCC DKT #: | - Will Cores be taken? If Yes, proposed zone: | Yes ✓ No |
| The undersigned hereby affirms that the drilling, completion and eventual tis 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 3. The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet intent to the well is dry hole, an agreement between the operator and the string of the spudding of the spudding or pursuant to Appendix "B" - Eastern Kansas surface casing ord must be completed within 30 days of the spud date or the well shall hereby certify that the statements made herein are true and to the best | Will Cores be taken? If Yes, proposed zone: FFIDAVIT I plugging of this well will comply with K.S.A. 55 et. seq. each drilling rig; set by circulating cement to the top; in all cases surface pipe shall to the underlying formation. e district office on plug length and placement is necessary prior to plugged or production casing is cemented in; ented from below any usable water to surface within 120 days of spurer #133,891-C, which applies to the KCC District 3 area, alternate II all be plugged. In all cases, NOTIFY district office prior to any cert of my knowledge and belief. | ne set lugging; d date. cementing |
| The undersigned hereby affirms that the drilling, completion and eventual 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 3. The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet intent. 4. If the well is dry hole, an agreement between the operator and the strength of the specified district office will be notified before well is either p. 6. If an ALTERNATE II COMPLETION, production pipe shall be cernor or pursuant to Appendix "B" - Eastern Kansas surface casing ord | Will Cores be taken? If Yes, proposed zone: FFIDAVIT I plugging of this well will comply with K.S.A. 55 et. seq. each drilling rig; set by circulating cement to the top; in all cases surface pipe shall to the underlying formation. e district office on plug length and placement is necessary prior to plugged or production casing is cemented in; ented from below any usable water to surface within 120 days of spurer #133,891-C, which applies to the KCC District 3 area, alternate II all be plugged. In all cases, NOTIFY district office prior to any cert of my knowledge and belief. Title: Agent | ne set lugging; d date. cementing |
| The undersigned hereby affirms that the drilling, completion and eventual it is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on 3. The minimum amount of surface pipe as specified below <i>shall be</i> through all unconsolidated materials plus a minimum of 20 feet intent of the well is dry hole, an agreement between the operator and to 5. The appropriate district office will be notified before well is either period or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be certify that the statements made herein are true and to the best part of the complete of the statements of the spud date or the well shall be certify that the statements made herein are true and to the best part of the spud date or the well shall be certified before well is either properties. For KCC Use ONLY API # 15 - 35 - 342 74 - 0000 Conductor pipe required feet Minimum surface pipe required feet per Alt. 12 | Will Cores be taken? If Yes, proposed zone: FFIDAVIT I plugging of this well will comply with K.S.A. 55 et. seq. each drilling rig; set by circulating cement to the top; in all cases surface pipe shall to the underlying formation. e district office on plug length and placement is necessary prior to plugged or production casing is cemented in; ented from below any usable water to surface within 120 days of sput er #133,891-C, which applies to the KCC District 3 area, alternate II all be plugged. In all cases, NOTIFY district office prior to any cerr to finy knowledge and belief. 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 result of the plugging report (CP-4) after plugging is completed; | lugging; d date. cementing enting. |
| The undersigned hereby affirms that the drilling, completion and eventual 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 3. The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet intent of the well is dry hole, an agreement between the operator and the figure of the appropriate district office will be notified before well is either performed. If an ALTERNATE II COMPLETION, production pipe shall be cerned or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be certify that the statements made herein are true and to the best poate: August 9, 2007 | Will Cores be taken? If Yes, proposed zone: FFIDAVIT I plugging of this well will comply with K.S.A. 55 et. seq. Beach drilling rig; Set by circulating cement to the top; in all cases surface pipe shall in the underlying formation. The district office on plug length and placement is necessary prior to plugged or production casing is cemented in; The Hall be plugged. In all cases, NOTIFY district office prior to any cert of my knowledge and belief. Title: Agent Remember to: File Drill Pit Application (form CDP-1) with Intent to Drill; File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or resubmit plugging report (CP-4) after plugging is completed; Obtain written approval before disposing or injecting salt water. | ne set lugging; d date. cementing enting. |
| The undersigned hereby affirms that the drilling, completion and eventual it is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on 3. The minimum amount of surface pipe as specified below <i>shall be</i> through all unconsolidated materials plus a minimum of 20 feet intent of the well is dry hole, an agreement between the operator and to 5. The appropriate district office will be notified before well is either period or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be certify that the statements made herein are true and to the best part of the complete of the statements of the spud date or the well shall be certify that the statements made herein are true and to the best part of the spud date or the well shall be certified before well is either properties. For KCC Use ONLY API # 15 - 35 - 342 74 - 0000 Conductor pipe required feet Minimum surface pipe required feet per Alt. 12 | Will Cores be taken? If Yes, proposed zone: FFIDAVIT I plugging of this well will comply with K.S.A. 55 et. seq. each drilling rig; set by circulating cement to the top; in all cases surface pipe shall it to the underlying formation. It district office on plug length and placement is necessary prior to plugged or production casing is cemented in; Interest from below any usable water to surface within 120 days of sput er #133,891-C, which applies to the KCC District 3 area, alternate II all be plugged. In all cases, NOTIFY district office prior to any cerr to from knowledge and belief. File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date; Notify appropriate district office 48 hours prior to workover or resubmit plugging report (CP-4) after plugging is completed; Obtain written approval before disposing or injecting salt water. If this permit has expired (See: authorized expiration date) pleas check the box below and return to the address below. | ne set lugging; d date. cementing enting. |
| The undersigned hereby affirms that the drilling, completion and eventual 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 3. The minimum amount of surface pipe as specified below shall be through all unconsolidated materials plus a minimum of 20 feet intent to the well is dry hole, an agreement between the operator and the foundation of the state of the well be notified before well is either performed or pursuant to Appendix "B" - Eastern Kansas surface casing ord must be completed within 30 days of the spud date or the well shall be represented by the statements made herein are true and to the best part of the statements of the spud date of the well shall be completed within 30 days of the spud date or the well shall be completed within 30 days of the spud date or the well shall be completed within 30 days of the spud date or the well shall be completed. Signature of Operator or Agent: For KCC Use ONLY API # 15 - 355 - 342 74 - 0000 Conductor pipe required | Will Cores be taken? If Yes, proposed zone: FFIDAVIT I plugging of this well will comply with K.S.A. 55 et. seq. each drilling rig; set by circulating cement to the top; in all cases surface pipe shall to the underlying formation. e district office on plug length and placement is necessary prior to plugged or production casing is cemented in; ented from below any usable water to surface within 120 days of spuler #133,891-C, which applies to the KCC District 3 area, alternate II all be plugged. In all cases, NOTIFY district office prior to any cert of my knowledge and belief. 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 result of the property of the plugging is completed; Obtain written approval before disposing or injecting salt water. If this permit has expired (See: authorized expiration date) pleas | ne set lugging; d date. cementing enting. |

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

KANSAS CORPORATION COMMISSION

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.

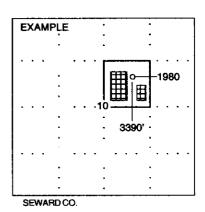
| API No. 15 035-24274-0000 | Location of Well: County: Cowley |
|---|---|
| Operator: Teichgraeber Oil Company | 2970 feet from N / S Line of Section |
| Lease: Fulsom | 1980 feet from VE / W Line of Section |
| Well Number: 4 | Sec. 4 Twp. 34 S. R. 8 ✓ East Wes |
| Field: Cedarvale North | |
| Number of Acres attributable to well: | Is Section: 🗸 Regular or 🔲 Irregular |
| QTR / QTR / QTR of acreage: S/2 - SW - NE | If Section is Irregular, locate well from nearest corner boundary. Section comer 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.)

| ſ | | | | |
|-------|---------------------------------------|---------------------------------------|-------|---------------------------------------|
| | | • | | · · · |
| Ì | • | • | • | • |
| | | | | |
| | | • | | |
| | | • | • | |
| | | | | |
| | • | • | • | • |
| | : : | | | |
| | | | | |
| | | | | • |
| | • | • | l 📍 . | • |
| | | | | · · · · · · · · · · · · · · · · · · · |
| | | • | • | |
| | | • | | |
| | | | · ' | • |
| | | | | · |
| • • • | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | |
| | • | · · · · · · · · · · · · · · · · · · · | | |
| | · | · · · · · · · · · · · · · · · · · · · | | |
| | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · | | |
| | · · · · · · · · · · · · · · · · · · · | : | | |
| | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | |



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.
- 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: Teichgraeber Oil Company | | | License Number: 6101 | | |
|---|---|--|--|--|--|
| Operator Address: 700 N. Main, Eureka, KS 67045 | | | | | |
| Contact Person: A. C. Teichgraeber | | | Phone Number: (620) 583 - 7500 | | |
| Lease Name & Well No.: Fulsom #4 | | | Pit Location (QQQQ): | | |
| Type of Pit: | Pit is: | | S2SWNE | | |
| Emergency Pit Burn Pit | Proposed Existing | | Sec. 4 Twp. 34 R. 8 | | |
| Settling Pit | If Existing, date constructed: | | Feet from North / \(\subseteq \) South Line of Section | | |
| Workover Pit Haul-Off Pit | Dit congribe | | 1980 Feet from 🗸 East / West Line of Section | | |
| (If WP Supply API No. or Year Drilled) | Pit capacity: | (bbls) | Cowley County | | |
| Is the pit located in a Sensitive Ground Water | | | Chloride concentration:mg/l | | |
| 15 the hit invalen in a pensitive product water | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | (For Emergency Pits and Settling Pits only) | | |
| Is the bottom below ground level? | Artificial Liner? | B1. | How is the pit lined if a plastic liner is not used? | | |
| Yes No | ☐ Yes 🗸 I | NO . | native clay | | |
| Lit dittensions (on per wound hus): | | | Width (feet) N/A: Steel Pits | | |
| Depth fi | rom ground level to de | eepest point: 5 | (feet) | | |
| If the pit is lined give a brief description of the material, thickness and installation procedure | | | edures for periodic maintenance and determining nctuding any special monitoring. | | |
| | | | Depth to shallowest fresh waterfeet. Source of information: | | |
| NA feet Depth of water well | feet | measu | aredwell owner electric logKDWR | | |
| 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 producing wells on lease: | | Number of working pits to be utilized: 1 | | | |
| Barrels of fluid produced daily: | | Abandonment | procedure: air dry and backfill | | |
| Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No | | Drift 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. | | | | | |
| August 9, 2007 Date Donna Thanka Signature of Applicant or Agent | | | | | |
| KCC OFFICE USE ONLY | | | | | |
| Date Received: 8/9/c7 Permit Number: Permit Date: 8/9/c7 Lease Inspection: Yes (No | | | | | |

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

AUG 0 9 2007



Kathleen Sebelius, Governor Thomas E. Wright, Chairman Robert E. Krehbiel, Commissioner Michael C. Moffet, Commissioner

August 9, 2007

R. K. Teichgraeber Teichgraeber Oil, Inc. 700 N. Main Eureka, KS 67045

RE: Fulsom #4, S/2-SW-NE Sec.4-T34S-R8E, Cowley County, Kansas

Dear Mr. Teichgraeber:

The Kansas Corporation Commission (KCC) has received your request, dated October 27, 2006, for an exception to the Table 1 minimum surface pipe requirement of 450 feet for the proposed well. From your request, the KCC understands that Teichgraeber Oil, Inc. is requesting to set 200 feet of surface casing, drill to a TD of approximately 2500 feet and, if production casing is set, to immediately cement this casing string from total depth to the surface.

After review of this matter by technical staff it was determined that:

- 1. Bedrock at this location is the Pennsylvanian Wabaunsee Group and is located at or near surface.
- 2. A review of a well log in the immediate vicinity indicated potential water-bearing zones down to approximately 180 feet.
- 3. There are no water wells of record within a one-mile radius of the proposed location.

Based on this information, an exception is granted for the Table 1 Minimum Surface Casing Requirements with the following stipulations:

- 1. A minimum of **200 feet of surface casing** will be set and cemented to surface.
- 2. Upon completion of the well, the production or long string casing nearest the formation wall shall be immediately cemented from a depth of at least 500 feet back to the surface. Notify the KCC District #2 office prior to spudding the well and one day before cementing the longstring so they may have the opportunity to witness the procedure.
- 3. In the event the well is dry and no additional production pipe has been cemented in-place, plugging will be performed according to KCC rules per KCC District #2 requirements.

Very Sincerely Yours,

for Non Louis

Director

cc: Jeff Klock - Dist #2

August 8, 2007

Attn: Mr. Doug Louis – Director Kansas State Corporation Commission Finney State Office Bldg 130 S. Market, Room 2078 Wichita, KS 67202-3802

RE: Fulsom #4 Intent to Drill Teichgraeber Oil, Inc.

Dear Sir,

Please accept this letter as our formal request to modify the surface pipe from Alternate "1" at 300 feet to Alternate "2" at 200 feet of 8 5/8" surface pipe. This is the same request as for our Fulsom #3. Please see letters attached dated October 27, 2006 requesting the approval and the letter from the KCC on November 1, 2006 granting the change to 200 feet. We appreciate if you could expedite this request because the rig is scheduled to move in on Saturday, August 11, 2007. If you need additional information I can be contacted at (620)583-7500 (o) or (620)583-2172 (m).

Regards,

A.C. Teichgraeber, President Teichgraeber Oil, Inc.

AC Teichgroeler

RECEIVED KANSAS CORPORATION COMMISSION

AUG 0 8 2007

CONSERVATION DIVISION WICHITA, KS

October 27, 2006

Attn: Mr. M.L. Korphage – Director Kansas State Corporation Commission Finney State Office Bldg 130 S. Market, Room 2078 Wichita, KS 67202-3802

RE: Fulsom #3 Intent to Drill Teichgraeber Oil, Inc.

Dear Sir,

Please accept this letter as our formal request to receive approval under Alternate "2" for setting 40' of 8 5/8" surface pipe. This is a field extension and provided that we are successful and run production casing we will cement the well back to surface. If you need additional information I can be contacted at (620)583-7500 (o) or (620)583-2172 (m).

Regards,

A.C. Teichgraeber, President Teichgraeber Oil, Inc.

AC Teichgroeler

RECEIVED KANSAS CORPORATION COMMISSION

AUG 0 8 2007

KANSAS

CORPORATION COMMISSION

KATHLEEN SEBELIUS, GOVERNOR
BEIAN J. MOLINE, CHAIR
ROBERT E. KREHBIEL, COMMISSIONER
MICHAEL C. MOFFEY, COMMISSIONER

November 1, 2006

R. K. Teichgraeber Teichgraeber Oil, Inc. 700 N. Maln Eureka, KS 67045

RE: Fulsom #3, NE-SW-NE Sec.4-T34S-RBE, Cowley County, Kansas

Dear Mr. Teichgraeber.

The Kansas Corporation Commission (KCC) has received your request, dated October 27, 2006, for an exception to the Table 1 minimum surface pipe requirement of 450 feet for the proposed well. From your request, the KCC understands that Teichgraeber Oil, Inc. is requesting to set 40 feet of surface casing, drill to a TD of approximately 2500 feet and, if production casing is set, to immediately cement this casing string from total depth to the surface.

After review of this matter by technical staff it was determined that

- 1. Bedrock at this location is the Pennsylvanian Wabaunsee Group and is located at or near surface.
- 2. A review of a well log in the immediate vicinity indicated potential water-bearing zones down to approximately 180 feet.
- 3. There are no water wells of record within a one-mile radius of the proposed location.

Based on this information, an exception is granted for the Table 1 Minimum Surface Casing Requirements with the following stipulations:

- 1. A minimum of 200 feet of surface casing will be set and camented to surface.
- 2. Upon completion of the well, the production or long string casing nearest the formation wall shall be immediately cemented from a depth of at least 500 feet back to the surface. Notify the KCC District #2 office prior to spudding the well and one day before cementing the longstring so they may have the opportunity to witness the procedure.
- In the event the well is dry and no additional production pipe has been cemented in-place, plugging will be performed according to KCC rules per KCC District #2 requirements.

Very Sincerely Yours,

M. L. Korphage
Director

cc: Doug Louis - Dist #2 — New Director

Conservation Division, Finney State Office Building, 130 S. Market, Room 2078, Wichita, KS 67202-3802
Voice 216,337,6200 Fax 316,337,6211 www.kcc.state.ks.us

RECEIVED

*ANSAS CORPORATION COMMISSION

AUG 0 8 2007