

For KCC Use:
Effective Date: 8-19-02
District #: 4
SGA? Yes No

PERMIT Extension 15-065-22854-00-00
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form C-1
September, 1999
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

RECEIVED
AUG 14 2002
KCC WICHITA
08-14-02

Expected Spud Date 09 / 01 / 2002
month day year

OPERATOR: License# 32278
Name: Tengasco Inc.
Address: P.O. Box 458
City/State/Zip: Hays, KS 67601
Contact Person: Ed Glassman
Phone: 785.625.6374

CONTRACTOR: License# 31548
Name: Discovery Drlg. Co.

Spot N/2 NE NE Sec. 4 Twp. 10 S. R. 21
330 feet from N (circle one) Line of Section
660 feet from E (circle one) Line of Section
Is SECTION Regular Irregular?

(Note: Locate well on the Section Plat on reverse side)
County: Graham
Lease Name: DeYoung Well #: 5

Field Name: COOPER
Is this a Prorated / Spaced Field? Yes No
Target Information(s): Arbuckle

Nearest Lease or unit boundary: 330
Ground Surface Elevation: 2273 Est. 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: 180
Depth to bottom of usable water: 1050

Surface Pipe by Alternate: 1 2
Length of Surface Pipe Planned to be set: 246

Length of Conductor Pipe required: None
Projected Total Depth: 3950

Producing Formation Target: Arbuckle
Water Source for Drilling Operations:

Well Farm Pond Other XX
DWR Permit #: _____

(Note: Apply for Permit with DWR)
Will Cores be taken? Yes No

If Yes, proposed zone: _____

Well Drilled For: Well Class: Type Equipment:
 Oil Enh Rec Infield Mud Rotary
 Gas Storage Pool Ext. Air Rotary
 OWWO Disposal Wildcat Cable
Seismic: # of Holes Other

If OWWO: old well information as follows:
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 #: _____

Permit Extension Request Received 1-21-03

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, 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. **In all cases, NOTIFY district office** prior to any cementing.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Date: 08/12/2002 Signature of Operator or Agent: Ed Glassman Title: Geologist

For KCC Use ONLY
API # 15 - 065-22854-00-00
Conductor pipe required NONE feet
Minimum surface pipe required 200 feet per Alt. * (2)
Approved by RJP 8-14-02
This authorization expires: 2-14-03 / 8-14-03 RJP
(This authorization void if drilling not started within 6 months of effective 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;
 - Obtain written approval before disposing or injecting salt water.

4
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2/12

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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

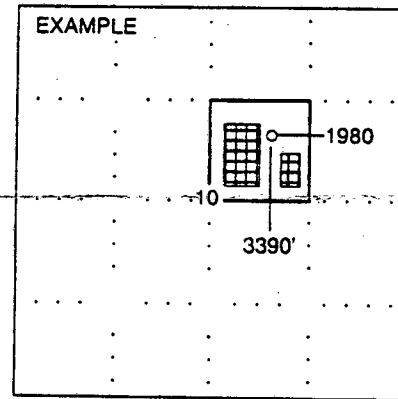
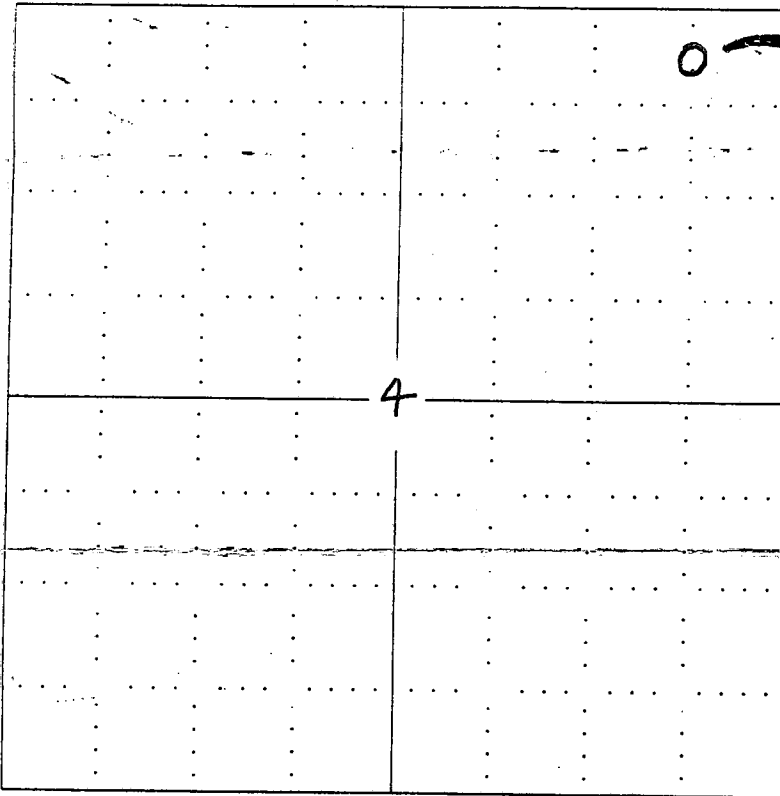
If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please 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: _____
 Lease: _____
 Well Number: _____
 Field: _____
 Number of Acres attributable to well: _____
 QTR / QTR / QTR of acreage: _____

Location of Well: County: _____
 _____ feet from S / N (circle one) Line of Section
 _____ feet from E / W (circle one) Line of Section
 Sec. _____ Twp. _____ S. R. _____ East West
 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 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: (CO-7 for oil wells; CG-8 for gas wells).

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KCC WICHITA
Form C-1
September 2, 1999
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Form must be Signed
All blanks must be Filled

Expected Spud Date 09 / 01 / 2002
month day year

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City/State/Zip: Hays, KS 67601
Contact Person: Ed Glassman
Phone: 785.625.6374

CONTRACTOR: Licensee 31548
Name: Discovery Drilg. Co.

Spot N/2 NE NE Sec. 4 Twp. 16 S. R. 21
330 feet from SE (circle one) Line of Section
660 feet from SE (circle one) Line of Section
Is SECTION Regular Irregular?

(Note: Locate well on the Section Plat on reverse side)

County: Graham
Lease Name: DeYoung Well #: 5
Field Name: COOPER
Is this a Prorated / Spaced Field? Yes No

Target Information(s): Arbuckle
Nearest Lease or unit boundary: 330
Ground Surface Elevation: 2273 Est. 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: _____
Depth to bottom of usable water: 1050

Surface Pipe by Allemania: 1 X 2
Length of Surface Pipe Planned to be set: 246

Length of Conductor Pipe required: None
Projected Total Depth: 3950

Producing Formation Target: Arbuckle
Water Source for Drilling Operations: _____
Well _____ Farm Pond Other XX

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

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

Well Drilled For: Oil Gas OGW Seismic Other
Well Class: Enh Rec Storage Disposal Other
Type Equipment: Infill Mud Rotary Air Rotary Cable

If OGW: old well information as follows:
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 #: _____

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6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from bottom date. In all cases, NOTIFY district office prior to any cementing.

heraby certify that the statements made herein are true and to the best of my know

date: 08/12/2002 Signature of Operator or Agent: Ed Glassman

For KCC Use ONLY
API # 15 - 065-22854-00-00
Conductor pipe required NONE feet
Minimum surface pipe required 200 feet per All. * ②
Approved by: RSP 8-14-02
This authorization expires: 2-14-03
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: _____ Agent: _____

- Remed:
- File f
 - File t
 - File z
 - Notify
 - re-en
 - Subm
 - Obtain

Bob,
Please
Extend
This permit
Thank You
Ed Glassman

RECEIVED
KCC WICHITA
JAN 21 2003

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