

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

KCC Use: 3-27-2000
Effective Date: _____
District #: _____
GA? Yes No

Expected Spud Date March 23, 2000
month day year

Spot 40' E of East
/ NW - NE - NW Sec. 7 Twp. 34S S. R. 18W West
/ 330 feet from S (N) (circle one) Line of Section
/ 1690 feet from E (W) (circle one) Line of Section
Is SECTION Regular Irregular?

OPERATOR: License# 32429
Name: CRAWFORD OIL & GAS, INC.
Address: P. O. Box 51
City/State/Zip: Coldwater, Kansas 67029-0051
Contact Person: Sally R. Byers
Phone: 316/267-1331

(Note: Locate well on the Section Plat on reverse side)
County: Comanche
Lease Name: HOFFMAN TRUST Well #: 3
Field Name: WILDCAT

CONTRACTOR: License# 5929
Name: DUKE DRILLING CO., INC.

Is this a Prorated / Spaced Field? Yes No
Target Information(s): Viola
Nearest Lease or unit boundary: 330'

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

Ground Surface Elevation: 1879' feet MSL
Water well within one-quarter mile: Yes No
Public water supply well within one mile: Yes No

OWWO: old well information as follows:
Operator: _____
Well Name: _____
Original Completion Date: _____ Original Total Depth: _____

Depth to bottom of fresh water: 120'
Depth to bottom of usable water: 180'
Surface Pipe by Alternate: 1 2

Directional, Deviated or Horizontal well? Yes No
If Yes, true vertical depth: _____
Bottom Hole Location: _____
KCC DKT #: MAR 27 2000

Length of Surface Pipe Planned to be set: 600+
Length of Conductor Pipe required: N/A
Projected Total Depth: 6100'
Producing Formation Target: Viola

RECEIVED
KANSAS CORPORATION COMMISSION
3-21-00
CONSERVATION DIVISION
WICHITA KS

Water Source for Drilling Operations:
Well _____ Farm Pond _____ Other
DWR Permit #: _____

(Note: Apply for Permit with DWR)
Will Cores be taken? Yes No
If Yes, proposed zone: _____

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: March 21, 2000 Signature of Operator or Agent: Sally R. Byers Title: Agent
Sally R. Byers

For KCC Use ONLY
API # 15 - 033-210770000
Conductor pipe required NONE feet.
Minimum surface pipe required 200 feet per Alt.
Approved by: JK 3-22-2000
This authorization expires: 9-22-2000
(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.

7
34
18W

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: _____

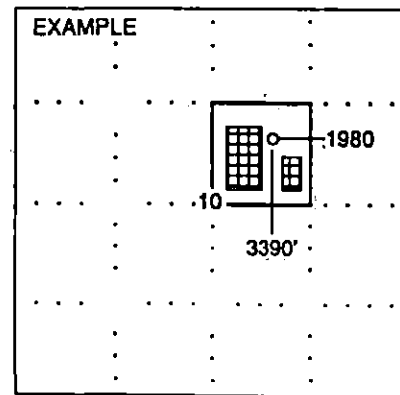
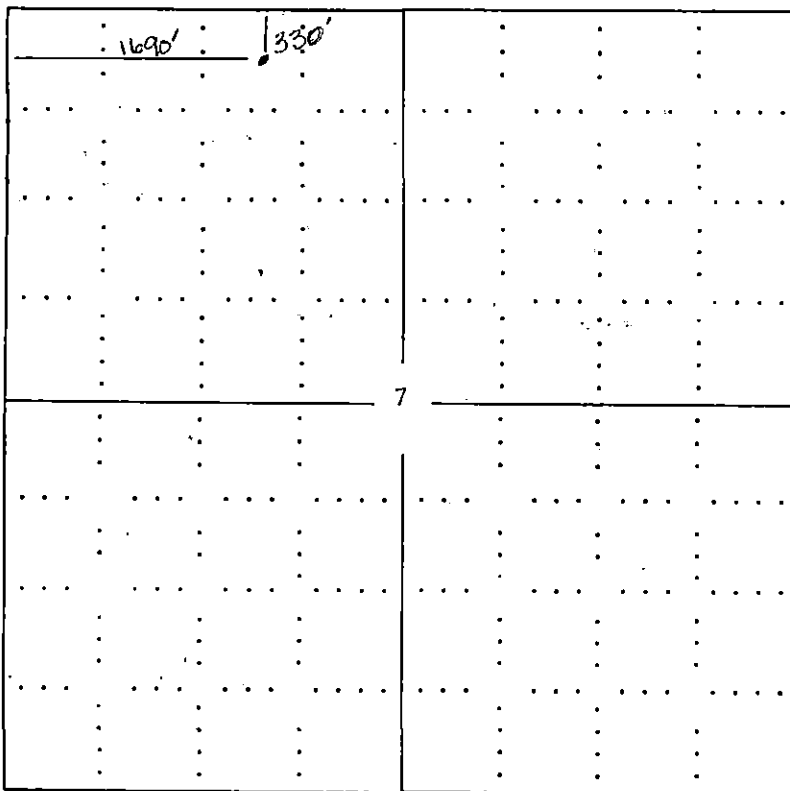
Location of Well: County: _____
 _____ feet from S / N (circle one) Line of Section
 _____ feet from E / W (circle one) Line of Section
 Sec. _____ Twp. _____ S. R. _____ East West

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 location.

COMANCHE COUNTY

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).

For KCC Use: 3-27-2000
Effective Date: _____
District # _____
SGA? Yes No

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

Expected Spud Date March 23, 2000
month day year

Spot ~~40'E~~ of 5N & 40W of C 5/2 NW NW East
/ ~~NW~~ - ~~NE~~ - ~~NW~~ Sec. 7 Twp. 34S S. R. 18W West
/ ~~330-985~~ feet from S (N) (circle one) Line of Section
/ ~~1690-620~~ feet from E (W) (circle one) Line of Section
Is SECTION X Regular Irregular?

OPERATOR: License# 32429
Name: CRAWFORD OIL & GAS, INC.
Address: P. O. Box 51
City/State/Zip: Coldwater, Kansas 67029-0051
Contact Person: Sally R. Byers
Phone: 316/267-1331

(Note: Locate well on the Section Plat on reverse side)
County: Comanche
Lease Name: HOFFMAN TRUST Well #: 3 2
Field Name: WILDCAT

CONTRACTOR: License# 5929
Name: DUKE DRILLING CO., INC.

Is this a Prorated / Spaced Field? Yes No
Target Information(s): Viola
Nearest Lease or unit boundary: 330'
Ground Surface Elevation: 1879' 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: 120'
Depth to bottom of usable water: 180'
Surface Pipe by Alternate: X 1 2
Length of Surface Pipe Planned to be set: 600+
Length of Conductor Pipe required: N/A
Projected Total Depth: 6100'
Producing Formation Target: Viola
Water Source for Drilling Operations:
Well Farm Pond Other X

CORRECTION 5-8-2000 JK

Well Drilled For: Well Class: Type Equipment:

- | | | | |
|--|-----------------------------------|---|--|
| <input checked="" type="checkbox"/> Oil | <input type="checkbox"/> Enh Rec | <input type="checkbox"/> Infield | <input checked="" type="checkbox"/> Mud Rotary |
| <input checked="" type="checkbox"/> Gas | <input type="checkbox"/> Storage | <input type="checkbox"/> Pool Ext. | <input type="checkbox"/> Air Rotary |
| <input type="checkbox"/> CWWD | <input type="checkbox"/> Disposal | <input checked="" type="checkbox"/> Wildcat | <input type="checkbox"/> Cable |
| <input type="checkbox"/> Seismic; # of Holes | <input type="checkbox"/> Other | | |
| <input type="checkbox"/> Other | | | |

If OWWO: old well information as follows:
Operator: _____
Well Name: _____
Original Completion Date: _____ Original Total Depth: _____

Directional, Deviated or Horizontal well? Yes No
If Yes, true vertical depth: KANSAS CORPORATION COMMISSION
Bottom Hole Location: _____
KCC DKT #: MAR 27 2000

RECEIVED
3-21-00
CONSERVATION DIVISION
WICHITA, KS

AFFIDAVIT

* CORRECTION IS VOID! THIS WELL WAS SPUD AND CONDUCTOR WAS SET. DUKE MOVED TO HOFFMAN TRUST #2 AND FILED PERMIT AS A CORRECTION.

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: March 21, 2000 Signature of Operator or Agent: Sally R. Byers Title: Agent
Sally R. Byers

For KCC Use ONLY
API # 15 - 033-21077 0000
Conductor pipe required NONE feet
Minimum surface pipe required 200 feet per Alt. (1)
Approved by: JK 3-22-2000
This authorization expires: 9-22-2000
(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.

7
34
18W

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

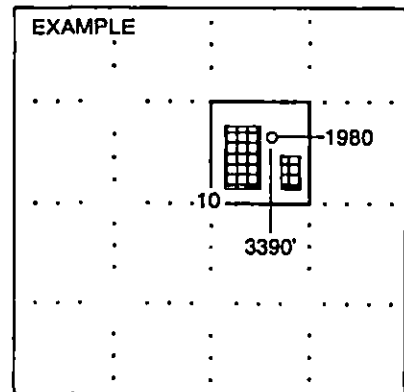
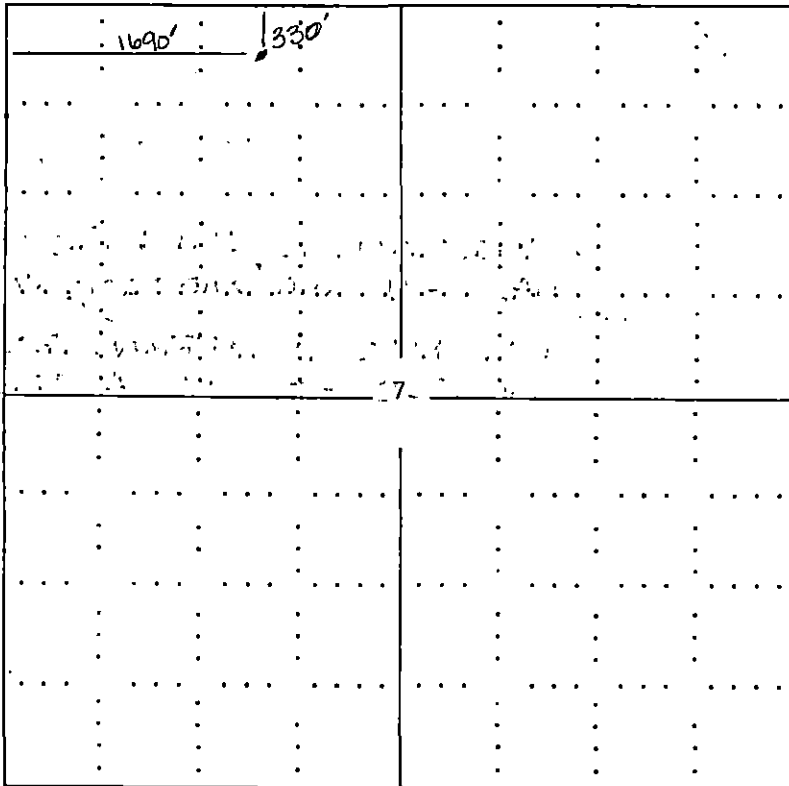
If Section is Irregular, locate well from nearest corner boundary.

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 location.

COMANCHE COUNTY

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).

For KCC Use: Effective Date: 3-27-2000 District # _____ SGA? Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

CORRECTED

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
CORRECTION

Expected Spud Date May 6, 2000
month day year
OPERATOR: License# 32429
Name: CRAWFORD OIL & GAS, INC.
Address: P. O. Box 51
City/State/Zip: Coldwater, Kansas 67029-0051
Contact Person: Sally R. Byers
Phone: 316/267-1331

CONTRACTOR: License# 5929
Name: DUKE DRILLING CO., INC.

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
 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 #: _____
WAS: 40'E of NW NE NW 330'FNL 1690'FWL
IS: 5'N&40'W of C-S/2 NW NW 985'FNL 620'FWL

** Spot 5'N & 40'W of East
C-S/2 .NW .NW Sec. 7 Twp. 34S S. R. 18 West
** 985 feet from S N (circle one) Line of Section
** 620 feet from E W (circle one) Line of Section
Is SECTION Regular Irregular?
(Note: Locate well on the Section Plat on reverse side)

County: Comanche
** Lease Name: HOFFMAN TRUST Well #: 2
Field Name: Wildcat
Is this a Prorated / Spaced Field? Yes No
Target Information(s): Viola
** Nearest Lease or unit boundary: 620' WAS: 330
** Ground Surface Elevation: 1895' WAS: 1879 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: 120'
Depth to bottom of usable water: 180'
Surface Pipe by Alternate: 1 2
Length of Surface Pipe Planned to be set: 600+
Length of Conductor Pipe required: N/A
Projected Total Depth: 6100'
Producing Formation Target: Viola
Water Source for Drilling Operations:
Well _____ Farm Pond _____ Other

DWR Permit #: _____
(Note: Apply for Permit with DWR)
Will Cores be taken? Yes No
If Yes, proposed zone: _____

AFFIDAVIT

** WELL NUMBER WAS: 3 RECEIVED
KANSAS CORPORATION COMMISSION

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq. 5-8-00
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.

* THIS CORRECTION IS VOID MAY 08 2000
DUKE DRILLING SPAUDED AT THE
HOFFMAN # 3 LOC.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.
Date: May 8, 2000 Signature of Operator or Agent: Sally R. Byers
Sally R. Byers

OPERATION DIVISION
WICHITA, KS
SALLY FILED THIS AS A
CORRECTION TO LOC & WELL
NUMBER BECAUSE SHE
DID NOT KNOW THE RIG
HAD SET CONDUCTOR.

For KCC Use ONLY
API # 15 - 088-21,077 0000
Conductor pipe required NONE feet
Minimum surface pipe required 200 feet per All. 1 X
Approved by: COR 5-8-2000 JK / ORIG 3-22-2000 JK
This authorization expires: 9-22-2000
(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; JK
- File Completion Form ACO-1 within 120 days of spud date; 5/8/00
- 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.

34
18W

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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

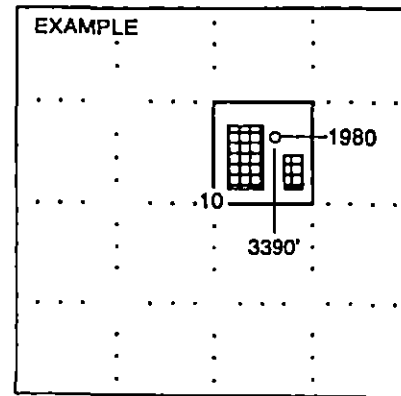
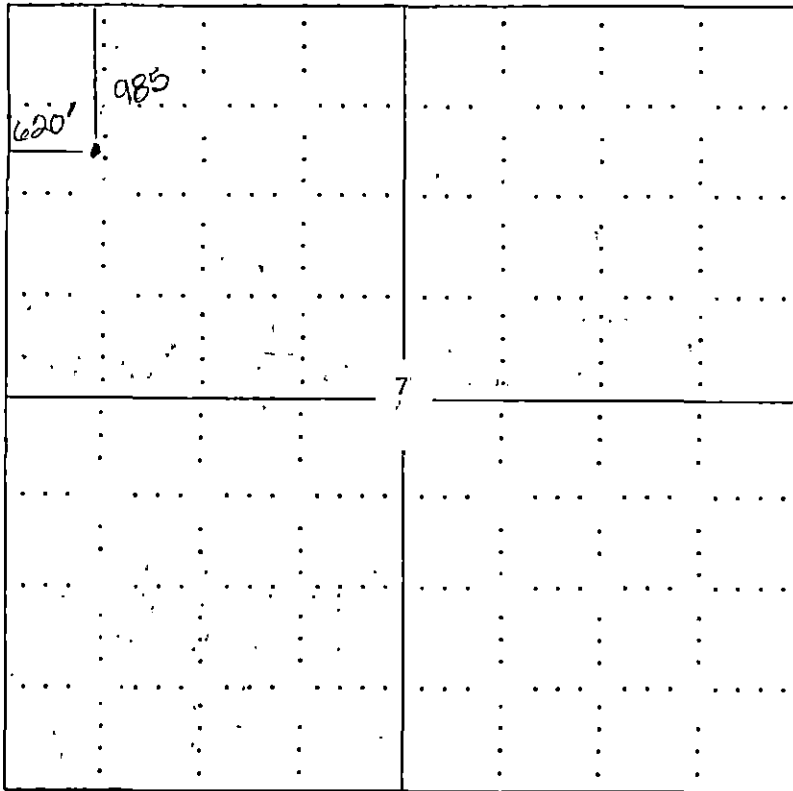
If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please 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 location.

COMANCHE COUNTY

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).

15-033-21077-0000

APPLICATION FOR SURFACE POND

MAY 08 2000

5-8-00

Submit in Duplicate

****CORRECTION****

FORM MUST BE TYPED

Operator Name CRAWFORD OIL & GAS, INC.		CONSERVATION DIVISION WICHITA, KS License No. 32429	
Operator Address P. O. Box 51, Coldwater, Kansas 67029-0051			
Contact Person Sally R. Byers		Phone No. 316 267-1331	
Lease Name HOFFMAN TRUST #2	Pit is <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If existing, date constructed	Pit Location NW qtr., Sec. 7 Twp. 34S Rge. 18W E/W	
Type of Pond: <input type="checkbox"/> Burn Pit <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Treatment Pit <input type="checkbox"/> Workover Pit <input checked="" type="checkbox"/> Drilling Pit (If WP Supply API No. or Year Drld.)	Pit capacity _____ (bbls)	* 985 Ft from <u>N/S</u> (circle one) Line of Sec * 620 Ft from <u>E/W</u> (circle one) Line of Sec Comanche County * WAS: 330 FNL 1690' FWL	
Is the pit located in a Sensitive Ground Water Area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l (For Emergency Pits and Treatment Pits only)	
Is Pit bottom below ground level? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Artificial liner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	How is pit lined if a plastic liner is not used?	
Pit dimensions (all but working pits): <u>100</u> Length (ft) <u>100</u> Width (ft) Depth from ground level to deepest point <u>4</u> (ft)			
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 _____ ft. Depth of water well _____ ft.		Depth to shallowest fresh water _____ feet. Source of information: _____ measured _____ well owner _____ electric log _____ KDWR	
EMERGENCY, TREATMENT 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 pond? <input type="checkbox"/> Yes <input type="checkbox"/> No		DRILLING AND WORKOVER PITS ONLY: Type of material utilized in drilling/workover <u>fresh</u> Number of working pits to be utilized <u>3</u> Abandonment procedure: <u>Jet into reserve to evaporate then backfill.</u> 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.			
Date May 8, 2000		Signature of Applicant or Agent <i>Sally R. Byers</i>	
KCC OFFICE USE ONLY			
Date Rec'd _____	Permit No. _____	Permit Date _____	Lease Inspection <input type="checkbox"/> Yes <input type="checkbox"/> No

VOID

15-033-21077-0000

NO CORRECTION! THIS IS A NEW LOCATION