

EFFECTIVE DATE: 12-2-90

*CORRECTION

State of Kansas
NOTICE OF INTENTION TO DRILL

FORM MUST BE SIGNED
ALL BLANKS MUST BE FILLED

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date 12- 7 90
month day year

SW SE SE Sec .9 Twp .9 S, Rg .19 East
 West

OPERATOR: License # 30075
Name: Shamrock Resources Inc.
Address: 100 N. Main # 802
City/State/Zip: Wichita, Ks. 67202
Contact Person: Pat Deenihan
Phone: (316) 262-7106

* 330' feet from South line of Section
* 990' feet from East line of Section
(Note: Locate well on Section Plat on Reverse Side)

CONTRACTOR: License #: 5146
Name: Rains & Williamson Oil

County: Rooks
Lease Name: Heronema Well #: 1-9
Field Name: WC
Is this a Prorated Field? yes no
Target Formation(s): LKC, Arbuckle
Nearest lease or unit boundary: 330'
Ground Surface Elevation: NA feet MSL
Domestic well within 330 feet: yes no
Municipal well within one mile: yes no
Depth to bottom of fresh water:
Depth to bottom of usable water:
Surface Pipe by Alternate: 1 2
Length of Surface Pipe Planned to be set: 200'
Length of Conductor pipe required: 0
Projected Total Depth: 3550'
Formation at Total Depth: Arbuckle
Water Source for Drilling Operations:
..... well farm pond other

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

If OWWO: old well information as follows:
Operator:
Well Name:
Comp. Date: Old Total Depth

Directional, Deviated or Horizontal wellbore? yes no
If yes, total depth location:

DWR Permit #: Applied for
Will Cores Be Taken?: yes no
If yes, proposed zone:

WAS: SE SE SW; 2970 FEL

AFFIDAVIT IS: SW SE SE; 990 FEL

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. The appropriate district office shall be notified before setting surface pipe;
 2. The minimum amount of surface pipe as specified above 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;
 3. If the well is dry, a plugging proposal shall be submitted to the district office. An agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
 4. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
 5. 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: 11-30-90 Signature of Operator or Agent: Kevin Deenihan Title: Agent

FOR KCC USE:
API # 15- 163-23,130-00-00
Conductor pipe required None feet
Minimum surface pipe required 800 feet per Alt. 9 ²
Approved by: ADW 12-3-90; DWG 11-27-90
EFFECTIVE DATE: 12-2-90
This authorization expires: 5-27-91
(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.

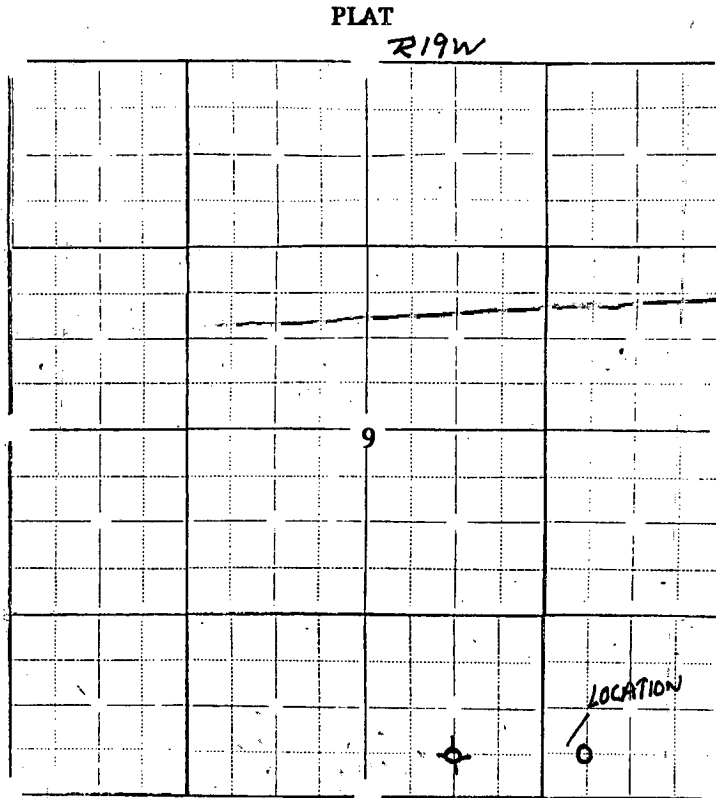
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PLAT OF ACREAGE ATTRIBUTABLE TO A WELL

State Corporation Commission, Conservation Division
200 Colorado Derby Bldg. Wichita, Kansas 67202

OPERATOR Shamrock Resources Inc. LOCATION OF WELL: Sw SE SE
 LEASE Heroneme 330' feet north of SE corner
 WELL NUMBER 1-9 990' feet west of SE corner
 FIELD WC Sec. 9 T 9 R 19 E/~~X~~
 COUNTY Rooks
 NO. OF ACRES ATTRIBUTABLE TO WELL 160 IS SECTION X REGULAR IRREGULAR?
 DESCRIPTION OF ACREAGE SE/4 IF IRREGULAR, LOCATE WELL FROM NEAREST
 CORNER BOUNDARY.

NOTE: If plat depicted is insufficient for your circumstances, you may attach your own scaled or surveyed plat.



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 partial sections, 4 sections, 16 sections, etc.;
- 2) the well's location relative to the location of other wells producing from the same common source of supply in adjoining drilling units, pursuant to K.A.R. 82-3-108, 82-3-207, 82-3-312, or special orders of the Commission;
- 3) the distance of the proposed drilling location from the section's east and south lines; and
- 4) the distance to the nearest lease or unit boundary line.

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

Signature of Operator or Agent Kevin L. Brown
 Date 11-30-90 Title Agent

For KCC Use: 12-18-01
 Effective Date: 12-18-01
 District #: 4
 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 12/19/01
 month day year

OPERATOR: License# 30606
 Name: Murfin Drilling Company, Inc.
 Address: 250 N. Water, Suite 300
 City/State/Zip: Wichita, KS 67202
 Contact Person: C. Scott Robinson
 Phone: 316-267-3241

CONTRACTOR: License# 30606
 Name: Murfin Drilling Company, Inc.

Well Drilled For:	Well Class:	Type Equipment:
<input checked="" type="checkbox"/> Oil	<input type="checkbox"/> Enh Rec	<input checked="" type="checkbox"/> Mud Rotary
<input type="checkbox"/> Gas	<input type="checkbox"/> Storage	<input type="checkbox"/> Air Rotary
<input type="checkbox"/> OWWO	<input type="checkbox"/> Disposal	<input type="checkbox"/> Cable
<input type="checkbox"/> Seismic; # of Holes	<input checked="" type="checkbox"/> Wildcat	
<input type="checkbox"/> Other	<input type="checkbox"/> Infield	
	<input type="checkbox"/> Pool Ext.	
	<input type="checkbox"/> 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 #: _____

Spot 100' S & 120' W of C
 E/2 - NW - NE Sec. 9 Twp. 9 S. R. 19
760 feet from (N) (circle one) Line of Section
1770 feet from (E) (circle one) Line of Section
 Is SECTION Regular Irregular?

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

Lease Name: Heroneme/Hogan Well #: 1-9
 Field Name: Wildcat

Is this a Prorated / Spaced Field? Yes No

Target Formation(s): LCK, Arbuckle

Nearest Lease or unit boundary: 760'
 Ground Surface Elevation: 2025 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: 220'

Depth to bottom of usable water: 780'

Surface Pipe by Alternate: 1 X 2

Length of Surface Pipe Planned to be set: 300'

Length of Conductor Pipe required: none

Projected Total Depth: 3650'

Formation at Total Depth: Arbuckle

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: _____

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: 12/12/01 Signature of Operator or Agent: Shauna Bryneman Title: Agent

RECEIVED
 DEC 13 2001
 12-13-01
 KCC WICHITA

For KCC Use ONLY
 API # 15 - 163-23341-00-00
 Conductor pipe required NONE feet
 Minimum surface pipe required 240' feet per Alt. # (2)
 Approved by: RJP 12-13-01
 This authorization expires: 6-13-02
 (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.

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 6
 6
 19W

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: E/2 - NW - NE

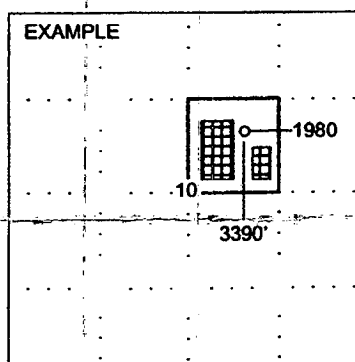
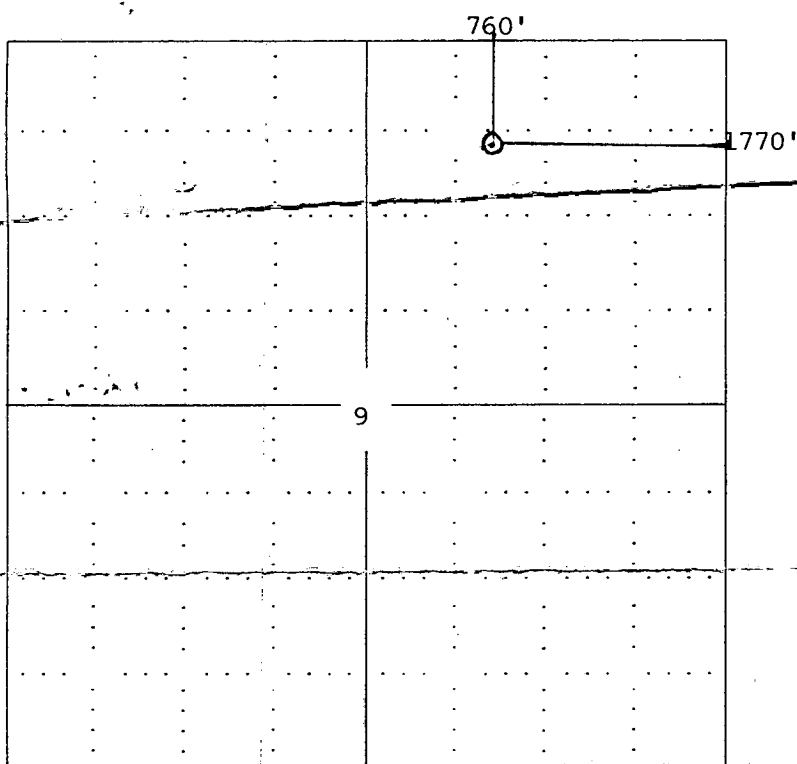
Location of Well: County: Rooks
 760 _____ feet from S N (circle one) Line of Section
 1770 _____ feet from E / W (circle one) Line of Section
 Sec. 9 Twp. 9 S. R. 19 East West

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.)*



SEWARD CO.

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 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).