DPERATOR: License # .5086. Name: Pintail Petroleum, Ltd. Address: 225 N. Market City/State/Zip: Wichita, KS 67202 Contact Person: Flip Phillips Phone: 316/264-1144 CONTRACTOR: License #: 4958 Name: Mallard JV Inc. Well Drilled For: Well Class: Type Equipment: Water well within Public water supply Selection of Surface Election of Surface Election of Surface Pipe by Allard Selection of Surface Length of Conductor Other Length of Conductor Projected Total Deformation at Total Selection of Surface Pipe Selection of Surface Length of Conductor Projected Total Deformation at Total	East Sec .13. Twp .17. s, Rg 26. × West feet from South / NEXPEX line of Section feet from XEXIST West line of Section EGULAR IRREGULAR? ell on the Section Plat on Reverse Side) Sement Well #: 1
Must be approved by the K.C.C. five (5) days prior to spot (5) month (5) month (5) month (7) mon	ALL BLANKS MUST BE FILLED commencing well. East Sec .13. Twp .17. s, Rg 26. × West west feet from South / NEXPEN line of Section feet from EXIST West line of Section EGULAR IRREGULAR? Edl on the Section Plat on Reverse Side) is ement well #: 1. Zy 17 West // Spaced Field? yes .x. no
Must be approved by the K.C.C. five (5) days prior to spot Expected Spud Date	commencing well. Sec .13. Twp .17. s, Rg 26. X West feet from South / XNSOCK line of Section feet from ENDLY West line of Section FEULAR IRREGULAR? Ell on the Section Plat on Reverse Side) Section Plat on Reverse Side) Section Plat on Reverse Side) Appaced Field? yes .X. no
month day year Mane: Pintail Petroleum, Ltd. Is SECTION X R Address: 225 N. Market County: Ness	East Sec .13. Twp .17. s, Rg 26. × West feet from South / XISOTH line of Section feet from XEMINT West line of Section EGULAR IRREGULAR? ell on the Section Plat on Reverse Side) sement Well #: .1. //Spaced Field? yes .x. no
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DPERATOR: License # 5086 Name: Pintail Petroleum, Ltd. Address: 225 N. Market City/State/Zip: Wichita, KS-67202 Contact Person: Flip Phillips Phone: 316/264-1144 CONTRACTOR: License #: 4958 Name: Mallard JV Inc. Well Drilled For: Well Class: Type Equipment: Water well within Public water supply Gas Storage Pool Ext. Air Rotary Depth to bottom of Surface Pipe by Al Seismic; # of Holes Other Other Other Other Operator: Formation as follows: Projected Total Deporator: Formation at Total Well Name: Water Source for D	. feet from XEXIST West line of Section EGULAR IRREGULAR? ell on the Section Plat on Reverse Side) s ement Well #: 1. zy 17 West /Spaced Field? yes .X. no
Contact Person: Flip Phillips Lease Name: Kl Phone: 316/264-1144 Field Name: La CONTRACTOR: License #: 4958 Target Formation(s Name: Mallard JV Inc. Nearest lease or u Ground Surface Ele Well Drilled For: Well Class: Type Equipment: Water well within Public water supply X Oil Enh Rec Infield X Mud Rotary Depth to bottom of Gas Storage Pool Ext Air Rotary Depth to bottom of OWWO Disposal X Wildcat Cable Surface Pipe by Al Ength of Surface Other Length of Conducto Other Length of Conducto Other Projected Total De Operator: Formation as follows: Projected Total De Formation at Total Well Name: Water Source for D	ement Well #: 1. zy 17 West /Spaced Field? yes .X. no
Phone: 316/264-1144 Field Name: Ld. Is this a Prorated Target Formation(s Name: Mallard JV Inc. Well Drilled For: Well Class: Type Equipment: Water well within Public water supply Depth to bottom of Gas Storage Pool Ext. Air Rotary Depth to bottom of OWWO Disposal X Wildcat Cable Surface Pipe by Al Length of Surface Other Length of Conductor Of OWWO: Old well information as follows: Projected Total Deporator: Formation at Total Well Name: Water Source for Depth Dept	/Spaced Field? yes .X. no
CONTRACTOR: License #: 4958 Name:Mallard .JV Inc	
Well Drilled For: Well Class: Type Equipment: Water well within Public water supply X. Oil Enh Rec Infield .X. Mud Rotary Depth to bottom of Gas Storage Pool Ext Air Rotary Depth to bottom of OWWO Disposal Wildcat Cable Surface Pipe by Al Seismic; # of Holes Other Length of Surface Other Length of Conducto f OWWO: old well information as follows: Projected Total De Operator: Formation at Total Well Name: Water Source for D	nit boundary:330
X Oil Enh Rec Infield .X. Mud Rotary Depth to bottom of Gas Storage Pool Ext Air Rotary Depth to bottom of OWWO Disposal Wildcat Cable Surface Pipe by Al Seismic; # of Holes Other Length of Surface Ungth of Conducto Other Colle Length of Conducto Other Length of Conducto Projected Total De Operator: Formation at Total Well Name: Water Source for D	vation:249.0 feet MSL
X Oil Enh Rec Infield .X. Mud Rotary Depth to bottom of Gas Storage Pool Ext Air Rotary Depth to bottom of OWWO Disposal Wildcat Cable Surface Pipe by Al Seismic; # of Holes Other Length of Surface Cother Length of Conducto Length of Conducto Other Projected Total De Operator: Formation at Total Well Name: Water Source for D	one-quarter mile: yes .x. no
OWWO Disposal Wildcat Cable Surface Pipe by Al Seismic; # of Holes Other Length of Surface Other Length of Conducto If OMMO: old well information as follows: Projected Total De Operator: Formation at Total Well Name: Water Source for D	y well within one mile: yes .X. no fresh water: 180 usable water: 920 1,100
Seismic; # of Holes Other Length of Surface Other Length of Conducto If OMMO: old well information as follows: Projected Total De Operator: Formation at Total Well Name: Water Source for D	ternate: 1 .X 2/
If OMMO: old well information as follows: Operator: Well Name: Water Source for D	Pipe Planned to be set:200.
Well Name: Water Source for D	r pipe required: .N/Apth: 4450 Depth: Mississippi
Comp. Date: Old Total Depth	rilling Operations:
	well farm pond other
Directional, Deviated or Horizontal wellbore? yes	n?: yes .X. no
	one:
Bottom Hole Location	
AFFIDAVIT	
The undersigned hereby affirms that the drilling, completion and eventual plugging of the seq. It is agreed that the following minimum requirements will be met:	nis well will comply with K.S.A. 55-101,
 Notify the appropriate district office prior to spudding of well; A copy of the approved notice of intent to drill shall be posted on each drill The minimum amount of surface pipe as specified below shall be set by circulating pipe shall be set through all unconsolidated materials plus a minimum of 20 fe If the well is dry hole, an agreement between the operator and the district necessary prior to plugging; The appropriate district office will be notified before well is either plugged If AN ALTERNATE II COMPLETION, PRODUCTION PIPE SHALL BE CEMENTED FROM BELOW ANY 	g cement to the top; in all cases surface set into the underlying formation;

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

Date: .8/27/98	Signature of Operator or Agent: A attrib. Title.	Agent
	FOR KCC USE: API # 15- Conductor pipe required NONE feet Minimum surface pipe required 200 feet per Alt. X(2) Approved by: Ap	KANS 1998

4-7-90 This authorization expires: 4-7-99 (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.

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

IN ALL CASES PLOT THE INTENTED WELL ON THE PLAT BELOW

PLAT OF ACREAGE ATTRIBUTABLE TO A WELL IN A PRORATED OR SPACED FIELD

If the intented well is in a prorated or spaced field, please fully complete this side of the form. If the intented 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 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.

LOCATION OF WELL: COUNTY_

LEASE							. 330 feet from south/ *** Line of section			
WELL N	UMBER _	#1					330	feet from exet	/west line of section	
FIELD	Lazy	17				Si	ECTION 1	3 TWP 17	RG 26	
QTR/QT	R/QTR _. C	OF ACREA		<u>SW</u> _	- SW	LI CC Sc PLA	FSECTION DRNER BOURDER CO.	IS IRREGULAR, LONDARY. Iner used:N	OIIRREGULAR OCATE WELL FROM NEAREST UENWSESW ed or spaced wells.)	
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In plotting the proposed location of the well, you must show:

API NO. 15-

LEASE Klement

OPERATOR Pintail Petroleum, Tld.

- 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; and
- 3) the distance to the nearest lease or unit boundary line.