

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

CONFIDENTIAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

15-077-21454-00-00

ORIGINAL

Operator: License # 5086
Name: Pintail Petroleum, Ltd.
Address: 225 N. Market, Ste. 300
City/State/Zip: Wichita, KS 67202
Purchaser: _____
Operator Contact Person: Flip Phillips
Phone: (316) 263-2243
Contractor: Name: Mallard JV
License: 4958

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Wellsite Geologist: Flip Phillips
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

<u>5/22/03</u>	<u>5/29/03</u>	<u>7/3/03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - ~~077214540~~
County: Harper
S/2 S/2 NE Sec. 17 Twp. 33 S. R. 6 East West
2970 feet from (S) / N (circle one) Line of Section
1320 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Carothers Family "B" Well #: 1
Field Name: _____

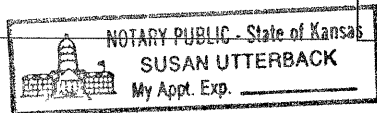
Producing Formation: Mississippian
Elevation: Ground: 1328 Kelly Bushing: 1333
Total Depth: 4490 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 279 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ACT 1 DPW 10-9-03
(Data must be collected from the Reserve Pit)
Chloride content 9,000 ppm Fluid volume 480 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Beth A. Ibern
Title: Geologist Date: 9/22/03
Subscribed and sworn to before me this 22nd day of September,
2003.
Notary Public: Susan Utterback
Date Commission Expires: 9/7/06



KCC Office Use ONLY

Yes Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

✓

✗

ORIGINAL

Operator Name: Pintail Petroleum, Ltd. Lease Name: Carothers Family "B" Well #: _____
 Sec. 17 Twp. 33 S. R. 6 East West County: Harper

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests. Give interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	3214 -1881
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Iatan	3579 -2246
List All E. Logs Run:		KC	3825 -2492
Compensated Density/Neutron		Cherokee Shale	4250 -2917
		Mississippi	4412 -3079

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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	279'	60/40 poz	200	2%gel 3%cc
Production	7-7/8"	4-1/2"	10.5#	4488'	ASC	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	3455-3346	60/40 poz	150 sx	2%gel 3%cc

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
6	4417-4423	1500 gals MCA	
		1500 gals MCA	
		1250 gals 10% HCL	
		4000 gals 7-1/2% gelled acid, carrying 21 sx	
		20/40 sand	

TUBING RECORD	Size <u>2-7/8"</u>	Set At <u>4425</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. **not not hooked up as of 9/22/03	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		75	50	

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

17-335-6W

U-1 Carothers Family B-1

ORIGINAL

05/28/2003 DST #1 4407'-4433' 30"-45"-45"-60"
1st Open: Bottom of bucket in 15 seconds.
2nd Open: Bottom of bucket immediately, gas to surface in 3 minutes.
Gauged: 10 minutes 1/8 choke = 4.1 mcf
20 minutes 1/8 choke = 5.5 mcf
30 minutes 1/8 choke = 5.7 mcf
40 minutes 1/8 choke = 6.0 mcf

Recovered: 35' mud with oil specs.

IFP 32#-31# IBPH 821#

FFP 20#-30# FBHP 884#

HYD 2217#-2129# Temp 137°

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ALLIED CEMENTING CO., INC. 12398

RELEASED

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

JAN 04 2005

SERVICE POINT

Med. Lodge, KS

DATE <u>5-29-03</u>	SEC. <u>17</u>	TWP. <u>33s</u>	RANGE <u>low</u>	FROM <u>CONFIDENTIAL</u>	TO <u>CONFIDENTIAL</u>	ON LOCATION <u>100 Am 3:00 Am</u>	JOB START <u>7:00 Am</u>	JOB FINISH <u>7:45 Am</u>
LEASE <u>Carthage</u>	WELL # <u>8-1</u>	LOCATION <u>160 & 14 Jct S, to mm #36</u>				COUNTY <u>Harper</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>1/4s, 2 1/2 E, 1/2s to loc.</u>					

CONTRACTOR Mallard

TYPE OF JOB Production Csg.

HOLE SIZE 7 7/8 T.D.

CASING SIZE 4 1/2" 10.5 DEPTH 4490'

TUBING SIZE DEPTH 4487'

DRILL PIPE 4 1/2" DEPTH 4490'

TOOL DEPTH

PRES. MAX 1000 MINIMUM 50

MEAS. LINE SHOE JOINT 14'

CEMENT LEFT IN CSG. 14'

PERFS.

DISPLACEMENT 72 bbl

EQUIPMENT

PUMP TRUCK CEMENTER Mike Rucker

343 HELPER Mark Brungardt

BULK TRUCK DRIVER Travy Cushman

242

BULK TRUCK DRIVER

OWNER Pintail Petroleum

CEMENT

AMOUNT ORDERED 105sx Asc + 5# Kol-Seal
(use 15sx Rathole) (use 10sx mouse hole)
500gal mud-Clean

COMMON <u>ASC 175</u>	@ <u>9.00</u>	<u>1575.00</u>
POZMIX	@	
GEL	@	
CHLORIDE	@	
<u>Mud Clean 500 gal</u>	@ <u>.75</u>	<u>375.00</u>
<u>Kol Seal 875 #</u>	@ <u>.50</u>	<u>437.50</u>
	@	
	@	
	@	
HANDLING <u>193</u>	@ <u>1.15</u>	<u>221.95</u>
MILEAGE <u>45 x .05 x 193</u>		<u>434.25</u>
		TOTAL <u>3043.70</u>

REMARKS:

ISS Pipe on bottom break Circ.
7:10 Pump 500gal mud-clean 7:20 Start
Production Cement 150sx Asc + 5# Kol-Seal
@ 14.5 weight. 7:30 Stop Pumps Wash
Pump & lines Start Displacement. See
excellent lift pressure. @ 72 bbl Displaced
Bump Plug 7:45 500-1000 Release, float held.
* Mix 15sx Asc + 5# Kol Seal in Rathole:
Mix 10 sx mousehole.

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SEP 23 2003 SERVICE

KCC WICHITA

DEPTH OF JOB <u>4487'</u>		
PUMP TRUCK CHARGE		<u>1264.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>45</u>	@ <u>3.50</u>	<u>157.50</u>
PLUG T.R.P.	@ <u>48.00</u>	<u>48.00</u>
	@	
	@	
		TOTAL <u>1469.50</u>

CHARGE TO: Pintail Petroleum

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

<u>4 1/2 Gemco's</u>		
<u>1- Guide Shoe</u>	@ <u>125.00</u>	<u>125.00</u>
<u>1- AFU insert</u>	@ <u>210.00</u>	<u>210.00</u>
<u>6- Centralizers</u>	@ <u>45.00</u>	<u>270.00</u>
	@	
	@	
		TOTAL <u>605.00</u>

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE 6008.00

DISCOUNT 5000.00 IF PAID IN 30 DAYS

SIGNATURE

Walter Shuff

PRINTED NAME

ANY APPLICABLE TAX
WILL BE CHARGED
UPON INVOICING

9.22.04
ORIGINAL

**PINTAIL PETROLEUM
225 N. MARKET, STE. 300
WICHITA, KS 67202
(316) 263-2243
(316) 263-6479 FAX**

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22 September, 2003

JAN 04 2005

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**Kansas Corporation Commission
130 S. Market, room 2078
Wichita, KS 67202**

FROM CONFIDENTIAL SEP 23 2003
KCC WICHITA

**RE: Pintail Petroleum LLC
Carothers Family "B-1"
Sect. 17-33S-33W
Harper County, KS**

To Whom It May Concern:

**Please keep the information on the Carothers Family B-1
confidential for a period of one year.**

Thank you,

Beth A. Isern

Beth A. Isern