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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form AGO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 5068
 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
 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)
 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>11/30/01</u>	<u>12/6/01</u>	<u>12/17/01</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 077-21417-00-06
 County: Harper
 NW SW NE _____ Sec. 21 Twp. 33 S. R. 6 East West
3630 feet from N (circle one) Line of Section
2310 feet from W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE NW SW
 Lease Name: Turner Well #: 2
 Field Name: Stohrville
 Producing Formation: Mississippi
 Elevation: Ground: 1328 Kelly Bushing: 1333
 Total Depth: 4538 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 250 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
(Data must be collected from the Reserve Pit)
 Chloride content 14,000 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.: _____

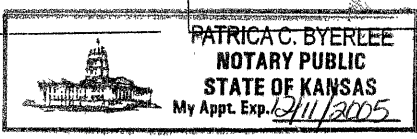
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: Bert A. Iben
 Title: Geologist Date: 12/31/01
 Subscribed and sworn to before me this 31st day of December,
2001.
 Notary Public: Patricia C. Byerlee
 Date Commission Expires: 12/11/2005

KCC Office Use ONLY

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



X

ORIGINAL

Operator Name: Pintail Petroleum, Ltd. Lease Name: Turner Well #: 2
 Sec. 21 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 giving 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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Density Neutron
 Dual Induct90n

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Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Heebner	32101	-1877
Iatan	3585	-2252
Kansas City	3838	-2505
BKC	4066	-2733
Cherokee	4270	-2937
Mississippi	4448	-3115

CASING RECORD New 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	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	250'	60/40	175	2%gel, 3%cc
Production	7-7/8"	4 1/2"	10.5#	4539'	ASC	175	500 gal mud flush

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
6	4448' - 4452'	acidized w/ 1250 gal 10% MCA	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	4421'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enh r.	Producing Method
12/28/01	<input checked="" type="checkbox"/> Flowing <input 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
		50			

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

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

Production Interval

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Pintail Petroleum LTD
Turner #2
21-33S-6W

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DST #1 4306'-4465' 30-45-60-90

1st Opening: Strong blow, bottom of bucket in 3-1/2 minutes. Gas to surface in 24 minutes. Gauged 26 MCF after 30 minutes.

2nd Opening: Strong blow, stabilized after 40 minutes @ 33 MCF/day

Recovered: 245' drilling mud

IFP 64#-76#
FFP 63#-90#
HYD 2179#-2087#

ISIP 1338#
FSIP 1399#
Temp 132°

Date 12-7-01 District Med. Lodge Ticket No. #08893
 Company Purcell Petroleum Rig Mallard
 Lease Turner Well No. 2
 County Hyde State KS
 Location Anthony 3E 1N 1/4W 1/4 Field _____

CEMENT DATA: 60:10:11 ORIGINAL
 Spacer Type: _____
 Amt. 25 Sk Yld 1.57 ft³/sk Density 111.5 PPG
Plug Rathole

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 4 1/2 Type _____ Weight 10.5 Collar _____

LEAD: Pump Time _____ hrs. Type _____
HSC 5 Kol-grad Excess _____
 Amt. 150 Sk Yld 1.40 ft³/sk Density 14.1 PPG
 TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sk Yld _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Casing Depths: Top _____ Bottom 4538.99

Pump Trucks Used 360-265
 Bulk Equip. 359-251

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 4540 ft. P.B. to _____ ft.

Float Equip: Manufacturer Weatherford
 Shoe: Type Guide shoe Depth 4538.99
 Float: Type AFU Insolit Depth 4521.79
 Centralizers: Quantity 6 Plugs Top TRP Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Fresh H2O Amt. 22 3/4 Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.159 Lin. ft./Bbl. 62.70
 Open Holes: Bbls/Lin. ft. 0.002 Lin. ft./Bbl. 16.59
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 0.0406 Lin. ft./Bbl. 24.64
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE Flip Phillips

CEMENTER Shane Winzor

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
11:30 AM						on location Rig up
3:00 PM						Pipe on bottom break circ.
3:20		300	12		6 1/2	Pump Mud Clean
3:25		300	5		6 1/2	Pump H2O spacer
3:30		200			6	Plug Rathole Start ASC
3:40						Wash Pump + lines
3:41		100			6	Release Plug start Displ.
3:48		250	63		4	See lift PSI
4:00		700				Load Plug Release PSI
						FLAT hold
						RECEIVED
						JAN 02 2002
						KCC WICHITA

FINAL DISP. PRESS: 700 PSI BUMP PLUG TO 1000 PSI BLEEDBACK 1/4 BBLs. THANK YOU

CEMENTING LOG

STAGE NO.

ORIGINAL

CO., INC.

District Medicine Lodge Ticket No. 08874
 Company Pittman Rig Mallard
 Lease Forman Well No. 2
 County Harvey State KS
 Location Shiloh 3E, W 12 1/2 S 7E Field 21-33S-6W

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 1/8 Type _____ Weight _____ Collar _____

Casing Depths: Top RP Bottom 250

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS
 Casing: Bbl./Lin. ft. 0.637 Lin. ft./Bbl. 15.70
 Open Holes: Bbl./Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbl./Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbl./Lin. ft. 0.735 Lin. ft./Bbl. 13.60
 Bbl./Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 LEAD: Pump Time _____ hrs. Type 60:40:34
 Excess _____
 Amt. 175 Skys Yield 126 ft³/sk Density 14.8 PPG
 TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 6 gals/sk Tail _____ gals/sk Total 23 Bbls.

Pump Trucks Used 340-265 Mike Baker
 Bulk Equip. 364 Eric D. Baker

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top wooden Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Fresh H₂O Amt. 15 Bbls. Weight 834 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE CAVON LIBAN CEMENTER Carl Walden

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
11:00						on loc + Rig up.
						Run casing
						Break circulation
12:30	100		39	39	6	Pump 175 sk lead cement
						Release plug
12:35	100		54	15	4	Displace with 15 Bbls
						slut in
						Cement did circulate

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25 dx

FINAL DISP. PRESS: 100 PSI BUMP PLUG TO _____ PSI BLEEDBACK shut in BBLs.

THANK YOU