

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form AGO-1
September 1996
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5068
Name: Pintail Petroleum, Ltd.
Address: 225 N. Market, Ste. 300
City/State/Zip: Wichita, KS 67202
Purchaser: Western Gas
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 ☐ SIOW ☐ 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. _____
12/8/01 12/14/01 12.14.01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 077-21420
County: Harper
SW-SW-NW- Sec. 16 Twp. 33 S. R. 6 ☐ East ☒ West
2970 feet from (S) N (circle one) Line of Section
4950 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Wilson Trust Well #: 2
Field Name: _____
Producing Formation: Mississippi
Elevation: Ground: 1325 Kelly Bushing: 1330
Total Depth: 4500 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 252 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If flow, show depth set _____ Feet
If Alternative Completion, cement circulated from _____
depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ACE 1 Ed 3-19-03
(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 207B, 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. Isern
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

YES Letter of Confidentiality Attached

If Denied, Yes ☐ Date: _____

YES Wireline Log Received

YES Geologist Report Received

UIC Distribution

PATRICIA C. BYERLEE

NOTARY PUBLIC

STATE OF KANSAS

My App. Exp. 2/11/2005

Operator Name: Pintail Petroleum, Ltd. Lease Name: Wilson Trust Well #: 2
 Sec. 16 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 Induction

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner	3210	-1880
Iatan	3572	-2242
Kansas City	3826	-2496
BKC	4054	-2724
Cherokee	4251	-2921
Mississippi	4418	-3088

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- $\frac{1}{4}$ "	8-5/8"	23#	252	60/40	175	2%gel, 3%cc
Production	7-7/8"	4 $\frac{1}{2}$ "	10.5	4499'	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	4420-4424'	1500 gal 15% MCA w/10% methanol	
		318 bbls 25# cross link fluid	
		w/80 sx 20/40 sand and 20sx	
		10/20 sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run
144 jts	2 $\frac{3}{8}$ "	4418		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enh r.	Producing Method			
February 15, 2002	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	1	50	120	

Disposition of Gas ☒ Vented ☒ Solid ☐ Used on Lease (If vented, Sumit ACO-18.) METHOD OF COMPLETION ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____ Production Interval _____