

CONFIDENTIAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACQ-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5086Name: Pintail Petroleum, Ltd.Address 225 N. Market, Ste. 300City/State/Zip Wichita, KS 67202Purchaser: NOT DETERMINEDOperator Contact Person: Innes PhillipsPhone (316) 263-2243Contractor: Name: Sterling DrillingLicense: 5142Wellsite Geologist: Innes Phillips

Designate Type of Completion

☐ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SVD ☐ SIOV ☐ Temp. Abd.☐ Gas ☐ ENHR ☒ SIGW☐ Dry ☐ Other (Core, WSV, Expl., Cathodic, etc)**RELEASED**

If Workover/Re-Entry: old well info as follows:

Operator: MAR 23 1998

Well Name: _____

Comp. Date FROM CONFIDENTIAL Old Well Depth _____☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SVD☐ Plug Back ☐ PSTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SVD or Inj?) Docket No. _____Spud Date 6/17/96 Date Reached TD 6/24/96 Completion Date 7/27/96API NO. 15- 077-21305County HarperC - SW - SW Sec. 22 Twp. 33S Rge. 6 ☒ E660 Feet from SW (circle one) Line of Section660 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Harrison Well # B-1Field Name StohrvilleProducing Formation MISSISSIPPIElevation: Ground 1304 KS 1313Total Depth 4479 PSTD _____Amount of Surface Pipe Set and Cemented at 252241 FeetMultiple 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 ALT 1 DPW 11-4-96
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

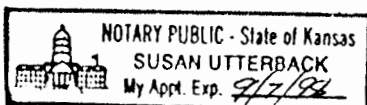
Location of fluid disposal if hauled offsite: _____

Operator Name RSCLease Name OCT 11 License No. _____Quarter CON Twp. AI S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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. IbernTitle Geologist Date _____Subscribed and sworn to before me this 10th day of October 19 96.Notary Public Susan UtterbackDate Commission Expires 9/7/98

K.C.C. OFFICE USE ONLY	
F	☒ Letter of Confidentiality Attached
C	☒ Wireline Log Received
C	☒ Geologist Report Received
Distribution	
☒ XCC	☐ SVD/Rep
☐ KGS	☐ Plug
	☒ Other (Specify)

Operator Name Pintail Petroleum, Ltd. Lease Name Harrison Well # B-1
 Sec. 22 Twp. 33 Rge. 6 ☐ East ☒ West County Harper

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COPY

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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:

RELEASED

Comp. Neutron/Density **MAR 23 1998**
 Dual Induction

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

Name	Top	Datum
Heebner	3186	-1873
Iatan	3558	-2245
Stalnaker	3590	-2277
Kansas City	3820	-2507
Cherokee	4256	-2943
Mississippi	4436	-3123
Miss Lime	4448	-3135

FROM CONFIDENTIAL

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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"	28	240.77'	60/40	165	2%gel 3%CC
Production	7-7/8"	4 $\frac{1}{2}$ "		4479'	Lite	300	2%CC, EA-2 5%Cal seal, 10% sal 3/4#H322, 5#Gilsonite

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☒ SQUEEZE				
☐ Perforate				
☐ Protect Casing	4437 -	Micro-Matrix	50sx	
☐ Plug Back TD	4447			
☐ 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
2	4437 - 4447	1000 gals. 7 $\frac{1}{2}$ % MCA	4447
		Fraced w/ 495 bbls 25#cross-link carrying 183 sx 20/40 sand	
	Reacidized & fraced: 750 gal OSA, 1500 gals. OSA acid.		
	Fraced w/ 160 bbl MYTGEL X Link fluid w/ 55sx 20/40 sand.		

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	3-2/8"	4420'			
Date of First, Resumed Production, SWD or Inj.	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☒ Other (Explain) <u>waiting on disp</u>				
	<u>Not yet prod.</u>				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water 125 Bbls.
	3 bbls		65		Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 4437 - 4447
 (If vented, submit ACO-18.) ☐ Other (Specify) _____