

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

Operator: License # 5086  
Name: Pintail Petroleum, Ltd.  
Address 225 N. Market #300  
City/State/Zip Wichita, Ks. 67202  
Purchaser: N/A  
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  SIGV  
 Dry  Other (Core, WSV, Expl., Cathodic, etc)

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

Operator: N/A  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back \_\_\_\_\_ PSTD  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. \_\_\_\_\_  
10/14/98 10/20/98 10/21/98  
Spud Date Date Reached TD Completion Date

API NO. 15- 135-240630000  
County Ness  
SW - SW - SW - \_\_\_\_\_ Sec. 13 Twp. 17s Rge. 26  XV  
330 Feet from BY (circle one) Line of Section  
330 Feet from E (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name Klement Well # 1  
Field Name Lazy 17 West  
Producing Formation N/A  
Elevation: Ground 2490 x2 2495  
Total Depth 4458 PSTD \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 201@ 208 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 208  
feet depth to surface w/ 140 sz cnt.  
Drilling Fluid Management Plan D+A 11-9-98 uc  
(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 \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ 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 reports shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-111 forms with all plugged wells. Submit CP-111 forms 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 *Eric Schmidt*  
Title Geologist Date 11/3/98  
Subscribed and sworn to before me this 3rd day of November  
19 98.  
Notary Public *Susan Utterback*  
Date Commission Expires 9/7/2002

NOTARY PUBLIC - State of Kansas  
SUSAN UTTERBACK  
My Appt. Exp. 9/7/02

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
G  Geologist Report Received  
Distribution  
 KCS  SWD/Rep  KSPA  
 KGS  Plug  Other  
(Specify)

ORIGINAL

SIDE TWO

Operator Name Pintail Petroleum, Ltd. Lease Name Klement Well # 1

Sec. 13 Twp. 17s Rge. 26  East  West County Ness

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" 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	Anhydrite	1830	+665
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	3787	-1292
List All E. Logs Run:		Lansing	3825	-1330
		B/KC	4152	-1657
		Marmaton	4204	-1709
		Ft. Scott	4347	-1852
		Cherokee	4375	-1880
		Mississippi	4449	-1954
		TD	4458	-1963

CASING RECORD <input type="checkbox"/> New <input checked="" 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	# Sacks Used	Type and Percent Additives
Surface	12 1/2	8 5/8	24#	208'	60/40	140	3%cc 2%je

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	1860'	60/40	205	60/40 poz 6% gel, 1/2# floseal/sack
<input checked="" 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		Fluid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used) - Depth	

TUBING RECORD		Size	Set At	Packer At	Line Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or in)		Producing Method		<input 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
		N-A				

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

METHOD OF COMPLETION:  Open Hole  Perf.  Injelly Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: \_\_\_\_\_

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

# ORIGINAL

## Test Ticket

11353

15-135-24063-00-00

Well Name & No.	<u>Klement #1</u>	Test No.	<u>1</u>	Date	<u>10-20-98</u>
Company	<u>Pintail Petroleum Ltd.</u>	Zone Tested	<u>Mississippian</u>		
Address	<u>225 N. Market #300 Wichita, KS. 67202</u>		Elevation	<u>2495</u>	KB <u>2490</u> GL
Co. Rep / Geo.	<u>Flip Phillips</u>	Cont.	<u>Mallard #2</u>	Est. Ft. of Pay	Por. %
Location: Sec.	<u>13</u>	Twp.	<u>17S</u>	Rge.	<u>26W</u>
			Co.	<u>Ness</u>	State <u>KS</u>
No. of Copies	Distribution Sheet (Y, N)	Turnkey (Y, N)	Evaluation (Y, N)		

Interval Tested	<u>4418 - 4458</u>	Initial Str Wt./Lbs.	<u>56,000</u>	Unseated Str Wt./Lbs.	<u>60,000</u>
Anchor Length	<u>40'</u>	Wt. Set Lbs.	<u>30,000</u>	Wt. Pulled Loose/Lbs.	<u>70,000</u>
Top Packer Depth	<u>4413</u>	Tool Weight	<u>1,800</u>		
Bottom Packer Depth	<u>4418</u>	Hole Size — 7 7/8"		Rubber Size — 6 3/4"	
Total Depth	<u>4458</u>	Wt. Pipe Run	<u>—</u>	Drill Collar Run	<u>213' (3.1)</u>
Mud Wt. <u>9.3</u> LCM	Vis. <u>48</u> WL <u>9.0</u>	Drill Pipe Size	<u>4 1/2" XH</u>	Ft. Run	<u>4211' (68.1)</u>
Blow Description	<u>IF: Weak surface blow built to 8"</u>				
	<u>ISI: No return blow.</u>				
	<u>FF: Weak surface return built to 8"</u>				
	<u>EIS: Weak intermitten surface blow for 15 mins.</u>				

Recovery — Total Feet	<u>300'</u>	GIP	<u>30'</u>	Ft. in DC	<u>213'</u>	Ft. in DP	<u>87'</u>
Rec. <u>30'</u>	Feet Of	<u>SGW MCO</u>	<u>5</u> %gas	<u>55</u> %oil	<u>10</u> %water	<u>30</u> %mud	
Rec. _____	Feet Of		%gas	%oil	%water	%mud	
Rec. <u>30'</u>	Feet Of	<u>SGW CM</u>	<u>5</u> %gas	<u>10</u> %oil	<u>10</u> %water	<u>75</u> %mud	
Rec. _____	Feet Of		%gas	%oil	%water	%mud	
Rec. <u>240'</u>	Feet Of	<u>SOMCW</u>	<u>—</u> %gas	<u>2</u> %oil	<u>83</u> %water	<u>15</u> %mud	
BHT <u>134°</u>	°F Gravity	°API D@	°F Corrected Gravity		°API		
RW <u>.20</u>	@ <u>65°</u>	°F Chlorides	<u>40,000</u>	ppm Recovery	Chlorides	ppm System	

(A) Initial Hydrostatic Mud	<u>2183</u>	PSI	Recorder No.	<u>13309</u>	T-Started	<u>1300</u>
(B) First Initial Flow Pressure	<u>23</u>	PSI	(depth)	<u>4420</u>	T-Open	<u>1502</u>
(C) First Final Flow Pressure	<u>58</u>	PSI	Recorder No.	<u>13276</u>	T-Pulled	<u>1717</u>
(D) Initial Shut-in Pressure	<u>1207</u>	PSI	(depth)	<u>4453</u>	T-Out	<u>1900</u>
(E) Second Initial Flow Pressure	<u>94</u>	PSI	Recorder No.	<u>—</u>		
(F) Second Final Flow Pressure	<u>117</u>	PSI	(depth)	<u>—</u>		
(G) Final Shut-in Pressure	<u>1207</u>	PSI	Initial Opening	<u>30</u>	Test	
(H) Final Hydrostatic Mud	<u>2136</u>	PSI	Initial Shut-in	<u>30</u>	Jars	
			Final Flow	<u>30</u>	Safety Joint	
			Final Shut-in	<u>45</u>	Straddle	

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Walter Phillips  
 Our Representative Rod Steinbrink

on loc. 1230 Circ. Sub X N/C  
 off loc. 2030 Sampler \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Elect. Rec. \_\_\_\_\_  
 Other \_\_\_\_\_  
 TOTAL PRICE \$ \_\_\_\_\_

# ALLIED CEMENTING CO., INC. ORIGINAL 7703

Federal Tax I.D.#

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

15-135-24063-0000  
SERVICE POINT:

DATE <u>10-21-98</u>	SEC. <u>13</u>	TWP. <u>17</u>	RANGE <u>26</u>	CALLED OUT <u>10-20-98</u> <u>8:30 PM</u>	ON LOCATION <u>10-21-98</u> <u>1:00 AM</u>	JOB START <u>1:15 AM</u>	JOB FINISH <u>3:00 AM</u>
LEASE <u>Klement</u>		WELL # <u>1</u>		LOCATION <u>Ness City - 10W, 7N, 3W,</u>		COUNTY <u>Nem</u>	STATE <u>Ka</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>1N, E/inter</u>			

CONTRACTOR Mallard

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8" T.D. 4458'

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2" DEPTH 1860'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER Same

CEMENT  
AMOUNT ORDERED 205 lbs 60/40, 60 Mel,  
1/4" flange/lb.

COMMON	<u>123</u>	@	<u>6.35</u>	<u>781.05</u>
POZMIX	<u>82</u>	@	<u>3.25</u>	<u>266.50</u>
GEL	<u>11</u>	@	<u>9.50</u>	<u>104.50</u>
CHLORIDE		@		
<u>Fl Seal</u>	<u>51 #</u>	@	<u>1.15</u>	<u>58.65</u>
		@		
		@		
		@		
		@		
HANDLING	<u>205</u>	@	<u>1.05</u>	<u>215.25</u>
MILEAGE	<u>21</u>			<u>172.20</u>

TOTAL \$ 1598.15

**EQUIPMENT**

PUMP TRUCK CEMENTER Tom D

# 181 HELPER Bob B

BULK TRUCK DRIVER Rick W

# 341 DRIVER \_\_\_\_\_

BULK TRUCK DRIVER \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Mixed - 50 lbs @ 1860'

80 lbs @ 1100'

40 lbs @ 240'

10 lbs @ 40'

15 lbs in Riddle

10 lbs in Mangle

T. Mallard

**SERVICE**

DEPTH OF JOB	<u>1860'</u>		
PUMP TRUCK CHARGE			<u>470.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>21</u>	@	<u>2.85</u>
PLUG 1-8 3/8 Dryhole		@	<u>23.00</u>
		@	
		@	

TOTAL \$ 552.85

**FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	
	@	

TOTAL \_\_\_\_\_

CHARGE TO: Pentacil Petroleum, Ltd

STREET 225 N. Market

CITY Wichita STATE Ka ZIP 67202

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 - 0 -

TOTAL CHARGE \$ 2151.00

DISCOUNT \$ 322.65 IF PAID IN 30 DAYS

SIGNATURE X Mark Ellen

SIGNATURE X Mark Ellen  
PRINTED NAME \_\_\_\_\_

Net \$ 1828.35

# ORIGINAL

# ALLIED CEMENTING CO., INC.

15-135-24063-0000  
2713

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

SERVICE POINT:  
Neosho City

DATE <u>10-14-98</u>	SEC. <u>13</u>	TWP. <u>17</u>	RANGE <u>26</u>	CALLED OUT <u>6:30pm</u>	ON LOCATION <u>7:20pm</u>	JOB START <u>11:30pm</u>	JOB FINISH <u>12:00AM</u>
LEASE <u>Klement</u>		WELL # <u>1</u>	LOCATION <u>Land 2w 7w 3w 1N &amp; S</u>		COUNTY <u>Neosho</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Mallard Oals

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 208

CASING SIZE 8 7/8 DEPTH 208

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15

PERFS. \_\_\_\_\_

OWNER Same

CEMENT

AMOUNT ORDERED  
140 6 3/4 3% cc 2% del

COMMON	<u>84</u>	@	<u>6.35</u>	<u>533.40</u>
POZMIX	<u>56</u>	@	<u>3.25</u>	<u>182.00</u>
GEL	<u>2</u>	@	<u>9.50</u>	<u>19.00</u>
CHLORIDE	<u>4</u>	@	<u>28.00</u>	<u>112.00</u>
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
HANDLING	<u>140</u>	@	<u>1.05</u>	<u>147.00</u>
MILEAGE	<u>21</u>			<u>117.60</u>
TOTAL				<u>\$1111.00</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER J. Weylana

# 224 HELPER B. White

BULK TRUCK

# 222 DRIVER J. Weylana

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Case 8 7/8 cc Max 140 6 3/4  
3% cc 2% del; Disp 12 1/2 BBL  
Plug Down, Cement  
at Circ.

Thanks

**SERVICE**

DEPTH OF JOB	<u>208</u>		
PUMP TRUCK CHARGE			<u>470.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>21</u>	@	<u>2.85</u> <u>59.85</u>
PLUG <u>Top 4000</u>		@	<u>45.00</u> <u>45.00</u>
_____	_____	@	_____
_____	_____	@	_____

TOTAL \$574.85

CHARGE TO: Pintail Petroleum Ltd.

STREET 225 N. Market #300

CITY Wichita STATE Ks ZIP 67202

**FLOAT EQUIPMENT**

_____	@	<u>0</u>	
_____	@		
_____	@		
_____	@		
_____	@		

TOTAL \_\_\_\_\_

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	<u>0</u>
TOTAL CHARGE	<u>\$1685.85</u>
DISCOUNT	<u>\$252.88</u> IF PAID IN 30 DAYS

Net \$1432.97

SIGNATURE [Signature]