Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1080049

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5086
Name: Pintail Petroleum, Ltd.
Address 1: 225 N MARKET STE 300
Address 2:
City: WICHITA State: KS Zip: 67202 + 2024
Contact Person: WALTER INNES PHILLIPS
Phone: (316) 263-2243
CONTRACTOR: License # 4958
Name: Mallard, J. V., Inc.
Wellsite Geologist: JAMES C. HESS
Purchaser:

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., 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 ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

3/12/2012	3/19/2012	4/16/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-083-21756-00-00
Spot Description:
NE - NE - SW - SW Sec. 1 Twp. 21 S. R. 25 ☐ East ☑ West
1310 Feet from ☐ North / ☑ South Line of Section
1200 Feet from ☐ East / ☑ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Hodgeman
Lease Name: Hoss Well #: 2
Field Name: UNKNOWN
Producing Formation: MISSISSIPPI
Elevation: Ground: 2327 Kelly Bushing: 2332
Total Vertical Depth: 4457 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 216 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 1567 Feet
If Alternate II completion, cement circulated from: 0
feet depth to: 1567 w/ 200 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 5000 ppm Fluid volume: 480 bbls
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

☑ **Confidentiality Requested**
Date: 05/03/2012
☑ **Confidential Release Date:** 05/03/2014
☐ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 05/03/2012

[redacted] 1080049

Operator Name: Pintail Petroleum, Ltd. Lease Name: Hoss Well #: 2

Sec. 1 Twp. 21 S. R. 25 ☐ East ☑ West County: Hodgeman

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

List All E. Logs Run:

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

Name	Top	Datum
ANHYDRITE	1587	+745
HEEBNER	3767	-1435
LANSING KC	3812	-1480
BASE KC	4172	-1840
FT SCOTT	4334	-2002
CHEROKEE SHALE	4362	-2030
MISSISSIPPI	4444	-2112

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	12.25	8.625	23	216	CLASS A	175	2% GELL 3% CC
PRODUCTION	7.875	5.5	14	4448	SMD	150	EA2

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☑ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	0-1567	SMD	200	N/A
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

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
	OPEN HOLE	300 GALS 15% MCA	3700
		1250 GALS 20% NE FE	3700
		2000 GALS 20% NE FE	3700

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:
	2 3/8	4427	N/A	☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR.	Producing Method:
4/24/2012	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	25	0	0		

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☑ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
_____
_____

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

May 03, 2012

WALTER INNES PHILLIPS
Pintail Petroleum, Ltd.
225 N MARKET STE 300
WICHITA, KS 67202-2024

Re: ACO1
API 15-083-21756-00-00
Hoss 2
SW/4 Sec.01-21S-25W
Hodgeman County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
WALTER INNES PHILLIPS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY PINTAIL PETROLEUM
LEASE HOSS #2
FIELD STAIRETT NORTH
LOCATION 1310'FSL, 1200'FWL
SEC 1 TWSP 21 S RGE 25 W
COUNTY HODGEMAN STATE KANSAS

ELEVATIONS
KB 2332'
DF 2330'
GL 2327'
Measurements Are All From KB

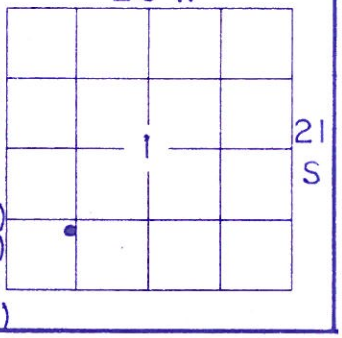
CONTRACTOR MALLARD J.V.
SPUD 3-12-12 COMP 3-19-12
RTD 4457 LTD none
MUD UP 3750' TYPE MUD CHEMICAL

CASING
SURFACE 8-5/8" at 216'
PRODUCTION 5-1/2"

ELECTRICAL SURVEYS
none

SAMPLES SAVED FROM 4200' TO TD
DRILLING TIME KEPT FROM 3600' TO TD
SAMPLES EXAMINED FROM 4200' TO TD
GEOLOGICAL SUPERVISION FROM 3650' TO TD
GEOLOGIST ON WELL JAMES C. HESS

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE		1587 (+745)
BASE ANHYDRITE		1627 (+705)
HEEBNER		3767 (-1435)
LANSING		3812 (-1480)
STARK SHALE		4120 (-1788)
BASE KANSAS CITY		4172 (-1840)
PAWNEE		4277 (-1945)
FORT SCOTT		4334 (-2002)
CHEROKEE SHALE		4362 (-2030)
MISSISSIPPI		4444 (-2112)
RTD		4457 (-2125)



ALLIED CEMENTING CO., LLC. 042447

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Bend, KS

DATE 3-12-12	SEC. 21	TWP. 21S	RANGE 25W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Hoss	WELL # 2	LOCATION Ness City 1W South to XRD				COUNTY Hodgeman	STATE KS
OLD OR (NEW) (Circle one)		7 West 1/4 North E. into					

CONTRACTOR Mallard Drilling
TYPE OF JOB Surface
HOLE SIZE 12 1/4 T.D.
CASING SIZE 8 5/8 DEPTH 216
TUBING SIZE DEPTH
DRILL PIPE 4 1/2 DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15' Ft
PERFS.
DISPLACEMENT 12.75 BBLS

OWNER

EQUIPMENT

PUMP TRUCK CEMENTER Dustin C
224 HELPER Shane K
BULK TRUCK
344-170 DRIVER Kevin W.
BULK TRUCK
DRIVER

CEMENT
AMOUNT ORDERED 175 Class A 3% cc 2% gel

COMMON 175	@	16.25	2.843.75
POZMIX	@		
GEL 3	@	21.25	63.75
CHLORIDE 6	@	58.20	349.20
ASC	@		
	@		
	@		
	@		
	@		
	@		
	@		
	@		
	@		
HANDLING 184	@	2.25	414.00
MILEAGE 184 x 224 x .11			445.38
		TOTAL	4.115.58

REMARKS:

Pipe on Bottom Break circulation with rig mud
Mix 175 sx class A +3% cc +2% gel
Displace with 12.75 BBLS freshwater and
shut in
cement did circulate

SERVICE

DEPTH OF JOB 216
PUMP TRUCK CHARGE 1125.00
EXTRA FOOTAGE @
MILEAGE Hum 44 @ 7.00 308.00
MANIFOLD @
Hum 44 @ 4.00 176.00
@
TOTAL 1609.00

CHARGE TO: Pintail Petroleum
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@
@
@
@
@
TOTAL

SALES TAX (If Any)
TOTAL CHARGES 5.724.58
70% 2098 1609.63
DISCOUNT IF PAID IN 30 DAYS
4.115.35

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X Kent Urban

SIGNATURE X

Thank You!!

RECEIVED
MAY 02 2012
KCC WICHITA

SWIFT Services, Inc.

CHARGE TO: PINTAIL PETROLEUM
ADDRESS
CITY, STATE, ZIP CODE

RECEIVED
MAY 02 2012
KCC WICHITA

TICKET
Nº 22075

PAGE 1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. NESS CITY, KS		HOSS #2	HODGEMAN	KS.	JETMORE, KS.	19 MAR 12	
2.	TICKET TYPE ☐ SERVICE ☐ SALES — CONTRACTOR: MALLARD DRILLING	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.		
3.	WELL TYPE: OIL	WELL CATEGORY: DEVELOPMENT	JOB PURPOSE: 5½ LONGSTRING	WELL PERMIT NO.	WELL LOCATION: N TO RD X, 7W, ¼N, E INTO		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
575					MILEAGE #110	30	MIL			6 00	180 00
579					PUMP CHARGE	1	JOB	4448	FT	1850 00	1850 00
402					CENTRALIZER	1	EA.			70 00	70 00
403					CEMENT BASKET	1	EA.			250 00	250 00
405					FORMATION PACKER SHOE	1	EA.			1400 00	1400 00
408					DV TOOL & PLUG SET	1	EA.	1567	FT.	3000 00	3000 00
409					TURBOLIZERS	4	EA.			90 00	360 00
417					DV LATCH DOWN PLUG & BAFFLE	1	EA.			200 00	200 00
420					DERRICK CONECTION OVER 8'	1	EA.			500 00	500 00
580					CIRCULATE CHARGE OVER 1 HR.	3	HRS			200 00	600 00
281					MUD FLUSH	500	GAL			1 25	625 00
221					LIQUID KCL	4	GAL			25 00	100 00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY,** and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X

DATE SIGNED 19 MAR 12 | TIME SIGNED 1615 ☐ A.M. ☒ P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			

ARE YOU SATISFIED WITH OUR SERVICE? ☐ YES ☐ NO

☐ CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 1 2	9135 00 / 7674 00
Subtotal	16,809 90
Hodgeman TAX 7.45%	964 40
TOTAL	17,774 30

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Jason E Karloff

APPROVAL

Thank You!

SWIFT Services, Inc.

PO Box 466.
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 22075

CUSTOMER PINTAIL PETROLEUM | WELL Hoss #2 | DATE 19MAR12 | PAGE 2 | OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCOUNTING ACCT	ACCOUNTING DF	TIME	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
276						FLOCELE	90	lbs			2 50	180 00
283						SALT	750	lbs			20	150 00
284						CALSEAL	7	SX			35 00	245 00
285						CFR-1	100	lbs			4 00	400 00
290						D-AIR	4	gal			35 00	140 00
325						STANDARD CEMENT EA2	150	SX			13 50	2025 00
330						SWIFT MULTI DENSITY	200	SX			16 50	3300 00
581						SERVICE CHARGE	CUBIC FEET 350 SX				2 00	700 00
583						MILEAGE CHARGE TOTAL WEIGHT 35060 LOADED MILES 30	TON MILES 534.90				1 00	534 90

CONTINUATION TOTAL 7674 90

RECEIVED
MAY 02 2012
KCC WICHITA

JOB LOG

SWIFT Services, Inc.

DATE 19 MAR 12 | PAGE NO.

CUSTOMER PINTAIL PETROLEUM | WELL NO. | LEASE HOSS #2 | JOB TYPE 5½ LONGSTRING | TICKET NO. 22075

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0300							ON LOCATION
	0510							START PIPE - 5½ - 15.5#
								RTD @ 4457 SET @ 4448
								SHOE JT. 22'
								CENTRALIZERS 1, 2, 3, 4, 84
								BASKET 85
								DV TOOL TOP of JT 85 @ 1567
								PACKER SHOE DID NOT SET
	0745							~~SET PACKER SHOE~~ CIRCULATE
	0917	6	12		✓		400	Pump 500 gal MUD FLUSH
		6	20		✓		400	Pump 20 BBL KCL FLUSH
	0943	4	36		✓			MIX 150 SX EA2
	1001							WASH OUT PUMPING LINES.
	1004	6			✓			RELEASE PLUG START DISPLACEMENT
	1022	Ø	108		✓		1200	PLUG DOWN PSI UP LATCH PLUG IN.
	1025							RELEASE PRESSURE - DRY
	1028							WASH TRUCK
	1033							DROP DV OPENING TOOL
	1044				✓		1100	OPEN DV TOOL
	1046							CIRCULATE
	1444		7.5					PLUG RH - MH (30 SX - 20 SX)
	1447	6	20		✓		200	Pump 20 BBL KCL FLUSH
	1451	4	83		✓			MIX 150 SX SMD
	1525							WASH OUT PUMPING LINE
	1526							RELEASE DV CLOSING TOOL PLUG.
	1527	6			✓			START DISPLACEMENT
	1534	Ø	38		✓		1100	PLUG DOWN CLOSE DV TOOL - RELEASE PSI
	1536							WASH TRUCK
	1610							JOB COMPLETE
								THANKS #110
								JASON JEFF TJ

RECEIVED
MAY 02 2012
KCC WICHITA

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N Market
Ste 300
Wichita KS 67202-2024

ATTN: Innes Phillips

Hoss #2

1-21s-25w Hodgeman,KS

Start Date: 2012.03.18 @ 09:46:00
End Date: 2012.03.18 @ 17:31:24
Job Ticket #: 46271 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

ORIGINAL

Printed: 2012.03.22 @ 10:17:35

DRILL STEM TEST REPORT

Pintail Petroleum LTD

225 N Market
Ste 300
Wichita KS 67202-2024
ATTN: Innes Phillips

1-21s-25w Hodgeman,KS

Hoss #2

Job Ticket: 46271 **DST#: 1**

Test Start: 2012.03.18 @ 09:46:00

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:51:55
Time Test Ended: 17:31:24

Test Type: Conventional Bottom Hole (Initial)
Tester: Ray Schwager
Unit No: 42

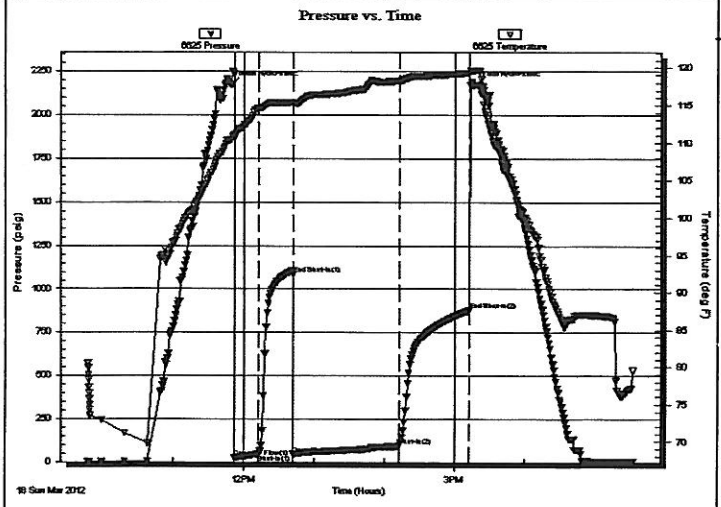
Interval: 4427.00 ft (KB) To 4457.00 ft (KB) (TVD)
Total Depth: 4457.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2332.00 ft (KB)
2327.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6625 **Inside**
Press@RunDepth: 92.15 psig @ 4428.00 ft (KB)
Start Date: 2012.03.18 End Date: 2012.03.18
Start Time: 09:46:00 End Time: 17:31:24

Capacity: 8000.00 psig
Last Calib.: 2012.03.18
Time On Btm: 2012.03.18 @ 11:48:55
Time Off Btm: 2012.03.18 @ 15:17:24

TEST COMMENT: 20-IFP-w k bl 1/2"to 1 1/2"bl
30-ISIP-no bl
90-FFP-w k bl 1/4"to 2 1/4"bl, flushed tool
60-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2174.61	110.44	Initial Hydro-static
3	24.98	110.85	Open To Flow (1)
23	44.11	114.55	Shut-In(1)
53	1087.75	115.35	End Shut-In(1)
53	46.42	115.39	Open To Flow (2)
143	92.15	118.25	Shut-In(2)
204	879.49	119.31	End Shut-In(2)
209	2172.61	119.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	HO&GCM 10%G35%O55%M	0.39
110.00	CO	0.54

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum LTD

225 N Market
Ste 300
Wichita KS 67202-2024
ATTN: Innes Phillips

1-21s-25w Hodgeman,KS

Hoss #2

Job Ticket: 46271 **DST#: 1**

Test Start: 2012.03.18 @ 09:46:00

Tool Information

Drill Pipe:	Length:	4171.00 ft	Diameter:	3.80 inches	Volume:	58.51 bbl		
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl		
Drill Collar:	Length:	240.00 ft	Diameter:	2.25 inches	Volume:	1.18 bbl		
					Total Volume:	59.69 bbl		

Drill Pipe Above KB:	7.00 ft
Depth to Top Packer:	4427.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	30.00 ft
Tool Length:	53.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2200.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	70000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	56000.00 lb
Final	57000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4405.00		
Shut In Tool	5.00			4410.00		
Hydraulic tool	5.00			4415.00		
Safety Joint	2.00			4417.00		
Packer	5.00			4422.00	23.00	Bottom Of Top Packer
Packer	5.00			4427.00		
Stubb	1.00			4428.00		
Recorder	0.00	6625	Inside	4428.00		
Recorder	0.00	8700	Outside	4428.00		
Perforations	26.00			4454.00		
Bullnose	3.00			4457.00	30.00	Bottom Packers & Anchor
Total Tool Length:	**53.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

225 N Market
Ste 300
Wichita KS 67202-2024
ATTN: Innes Phillips

1-21s-25w Hodgeman,KS

Hoss #2

Job Ticket: 46271 **DST#: 1**

Test Start: 2012.03.18 @ 09:46:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	39 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.45 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	1.00 inches				

Recovery Information

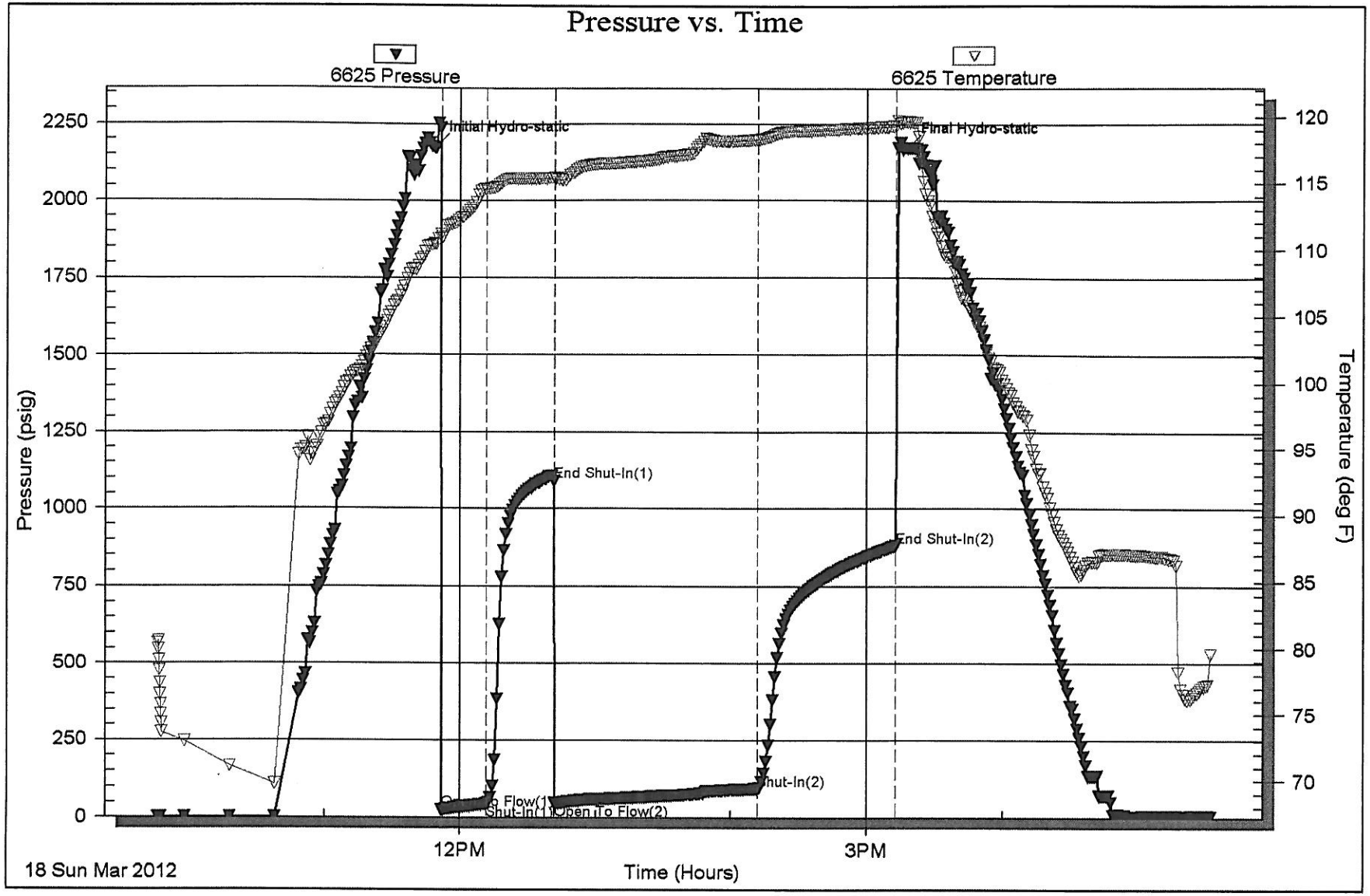
Recovery Table

Length ft	Description	Volume bbl
80.00	HO&GCM 10%G35%O55%M	0.393
110.00	CO	0.541

Total Length: 190.00 ft Total Volume: 0.934 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6625 **Inside** Pintail Petroleum LTD Hoss #2 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 46271 Printed: 2012.03.22 @ 10:17:37

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAR 19 2012

Test Ticket

NO. 46271

BY:

Well Name & No. Hoss #2 Test No. 1 Date 3-18-12

Company PINTAIL PETROLEUM LTD Elevation 2332 KB 2327 GL

Address 225 N. MARKET STE 300 WICHITA, KS 67202-2024

Co. Rep / Geo. JAMIE HESS Rig MALLARD DRLG

Location: Sec. 1 Twp. 21S Rge. 25W Co. HODGEMAN State KS

Interval Tested 4427-4457 Zone Tested MISS

Anchor Length 30 Drill Pipe Run 4171 Mud Wt. 9

Top Packer Depth 4422 Drill Collars Run 240 Vis 47

Bottom Packer Depth 4427 Wt. Pipe Run — WL 9.5

Total Depth 4457 Chlorides — ppm System LCM 1

Blow Description IFP - WEAK BLOW, ½" TO 1½" BLOW
ISIP - NO BLOW
FFP - WEAK BLOW ¼" TO 2¼ BLOW, FLUSHED TOOL
FSIP - NO BLOW

Rec 110	Feet of CO	%gas	%oil	%water	%mud
Rec 80	Feet of HOCM	10 %gas	35 %oil	%water	55 %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 190 BHT 119 Gravity 39 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2174	☑ Test 1225	T-On Location 0915
(B) First Initial Flow 24	☐ Jars	T-Started 0945
(C) First Final Flow 44	☑ Safety Joint 75	T-Open 1145
(D) Initial Shut-In 1087	☐ Circ Sub	T-Pulled 1505
(E) Second Initial Flow 46	☐ Hourly Standby	T-Out 1731
(F) Second Final Flow 92	☑ Mileage 170 RT 238	Comments
(G) Final Shut-In 879	☐ Sampler	
(H) Final Hydrostatic 2172	☐ Straddle	
	☐ Shale Packer	☐ Ruined Shale Packer
Initial Open 20	☐ Extra Packer	☐ Ruined Packer RECEIVED
Initial Shut-In 30	☐ Extra Recorder	☐ Extra Copies MAY 02 2012
Final Flow 90	☐ Day Standby	Sub Total Ø
Final Shut-In 60	☐ Accessibility	Total 1538 KCC WICHITA
	Sub Total 1538	MP/DST Disc't

Approved By [signature] Our Representative RAY SCHWAGER

THANK YOU

Trilobite Testing Inc. shall not be liable for damaged 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.