

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE
KCC**

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

12/31/12

Operator: License # 5086 **DEC 31 2011**
 Name: PINTAIL PETROLEUM, LTD
 Address: 225 N. MARKET, STE.300
 City/State/Zip: WICHITA, KS 67202
 Purchaser: N/A
 Operator Contact Person: INNES PHILLIPS
 Phone: (316) 263-2243
 Contractor: Name: PICKRELL DRILLING
 License: 5123
 Wellsite Geologist: JAMIE HESS

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>11/29/2010</u>	<u>12/7/2010</u>	_____
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

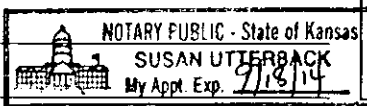
API No. 15 - 083-21684 - 0000
 County: HODGEMAN
 SE SW SW Sec. 24 Twp. 21 S. R. 24 East West
100 feet from (S) N (circle one) Line of Section
400 feet from E / (W) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: GOEBEL UNIT Well #: 1-24
 Field Name: UNKNOWN
 Producing Formation: N/A
 Elevation: Ground: 2418' Kelly Bushing: 2423'
 Total Depth: 4583' Plug Back Total Depth: NA
 Amount of Surface Pipe Set and Cemented at 206 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 PAINT 1-25-11
 (Data must be collected from the Reserve Pit)
 Chloride content 5000 ppm Fluid volume 480 bbls
 Dewatering method used EVAPORATE AND BACKFILL
 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: [Signature]
 Title: KCC Compliance Officer Date: 12/31/10
 Subscribed and sworn to before me this 31st day of Dec,
2010
 Notary Public: [Signature]
 Date Commission Expires: 9/18/2014



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: 12/10 - 12/31/12

Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: PINTAIL PETROLEUM, LTD

Lease Name: GOEBEL UNIT

Well #: 1-24

KCC

Sec. 24 Twp. 21 S. R. 24 East West

County: HODGEMAN

DEC 31 2011

CONFIDENTIAL

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:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
TOP/ANHYDRITE	1657	+766
BASE/ANHYDRITE	1693	+730
HEEBNER	3894	-1471
LANSING	3948	-1525
PAWNEE	4398	-1975
FT SCOTT	4462	-2039
CHEROKEE SHALE	4488	-2065
MISSISSIPPI	4559	-2136

CASING RECORD <input type="checkbox"/> New <input 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	12-1/4"	8-5/8"	24#	206'	COMMON	150	2% GEL 3% CC

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				

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

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KCC WICHITA

TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		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

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

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

Production Interval _____

ALLIED CEMENTING CO., LLC. 040783

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

KCC

DEC 31 2011

SERVICE POINT:

Oakleys

CONFIDENTIAL

DATE <u>12-8-10</u>	SEC. <u>24</u>	TWP. <u>21S</u>	RANGE <u>24W</u>	CALLED OUT	ON LOCATION <u>1:30pm</u>	JOB START <u>4:00pm</u>	JOB FINISH <u>4:30</u>
LEASE <u>Goebel</u>	WELL# <u>1-24</u>	LOCATION <u>Ness City S-School house</u>	COUNTY <u>Madison</u>	STATE <u>KS</u>			
OLD OR <u>NEW</u> (Circle one)			<u>10-15-2.5</u>				

CONTRACTOR Pietrell #10

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4583'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 1710'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT

AMOUNT ORDERED 220 60/40 40/20 seal

114 seal

COMMON	<u>132</u>	@	<u>13.65</u>	<u>1801.80</u>
POZMIX	<u>88</u>	@	<u>7.60</u>	<u>668.80</u>
GEL	<u>8</u>	@	<u>20.40</u>	<u>163.20</u>
CHLORIDE		@		
ASC		@		
<u>seal</u>	<u>55</u>	@	<u>2.45</u>	<u>134.75</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>220</u>	@	<u>2.10</u>	<u>462.00</u>
MILEAGE	<u>10.5</u>	@	<u>33.00</u>	<u>345.00</u>
				TOTAL <u>3596.82</u>

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzie

421 HELPER Kelly

BULK TRUCK

404 DRIVER Wilbur

BULK TRUCK

_____ DRIVER _____

REMARKS:

50 sks @ 1710'

80 sks @ 810'

40 sks @ 240'

20 sks @ 60'

30 sks - RH

Job completed @ 4:30pm

Thanks Fuzzie crew

RECEIVED

JAN 05 2011

KCC WICHITA SERVICE

DEPTH OF JOB 1710'

PUMP TRUCK CHARGE 1000.00

EXTRA FOOTAGE @ _____

MILEAGE 15 @ 7.00 105.00

MANIFOLD @ _____

@ _____

@ _____

TOTAL 1105.00

CHARGE TO: Pietrell Pet

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

@ _____

@ _____

@ _____

@ _____

@ _____

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 Mike Kern

SIGNATURE Mike Kern

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—SERVICE CONDITIONS AND LIABILITIES:

1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES:

1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

ALLIED CEMENTING CO., LLC.

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

SERVICE POINT:
Great Bend, KS

DATE <u>1-20-10</u>	SEC. <u>24</u>	TWP. <u>21</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION	JOB START <u>6:30 AM</u>	JOB FINISH <u>7:30 AM</u>
LEASE <u>Goebel</u>	WELL# <u>1-24</u>		LOCATION <u>Salmore 7 North West</u>		COUNTY <u>Madison</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1 2 South East into</u>				

CONTRACTOR Pickell Rig 10 OWNER Pintail Petroleum / Pickell
TYPE OF JOB Surface

HOLE SIZE <u>12 1/4</u>	TD <u>211</u>
CASING SIZE <u>7 1/2</u>	DEPTH <u>211</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15</u>	
PERFS.	
DISPLACEMENT <u>1750 BBLs</u>	

CEMENT
AMOUNT ORDERED 150 SK class A 3% gel
2% gel
used 290 SK class A 3% gel 2% gel

COMMON <u>290</u>	@ <u>19.50</u>	<u>3915.00</u>
POZMIX	@	
GEL <u>6</u>	@ <u>20.25</u>	<u>121.50</u>
CHLORIDE <u>10</u>	@ <u>51.50</u>	<u>515.00</u>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING <u>290</u>	@ <u>2.25</u>	<u>652.50</u>
MILEAGE <u>290 x 19 x 10</u>		<u>551.00</u>
		TOTAL <u>5755.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER <u>way-e-o</u>
<u>306</u> HELPER <u>Bill</u>
BULK TRUCK
<u>344</u> DRIVER <u>Kevin</u>
BULK TRUCK
DRIVER

REMARKS:
Pipe on Bottom break circulation
with Rig mud
Mix 150 SK class A 3% gel 2% gel
Displace 1750 BBLs fresh water.
Shut in
Cement didn't circulate.
1 inch 150 SK class A 3% gel 2% gel
Rig Down

SERVICE

DEPTH OF JOB <u>211</u>	
PUMP TRUCK CHARGE	<u>991.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>19</u>	@ <u>7.00</u> <u>133.00</u>
MANIFOLD	@
	@
	@
TOTAL <u>1124.00</u>	

CHARGE TO: Pintail Petroleum / Pickell
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

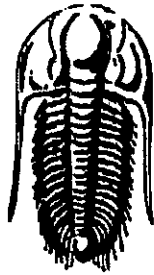
	@	
	@	
	@	
	@	
	@	
TOTAL		

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.

SALES TAX (if Any) _____
TOTAL CHARGES 1124.00
DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Mike Kern
SIGNATURE Mike Kern

RECEIVED
JAN 24 2011
KCC WICHITA



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum,LTD**

225 N. Market
Suite 300
Wichita, KS 67202

ATTN: Jamie Hess

24-21-24Hodgeman,KS

Goebel Unit #1-24

Start Date: 2010.12.07 @ 19:55:16

End Date: 2010.12.08 @ 04:50:16

Job Ticket #: 40900 DST #: 1

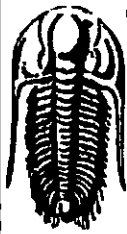
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DEC 31 2011
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JAN 05 2011

KCC WICHITA

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pintail Petroleum, LTD

225 N. Market
Suite 300
Wichita, KS 67202
ATTN: Jamie Hess

Goebel Unit #1-24

24-21-24Hodgeman, KS

Job Ticket: 40900 DST#: 1

Test Start: 2010.12.07 @ 19:55:16

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: **No** Whipstock: ft (KB)

Time Tool Opened: 22:51:01

Time Test Ended: 04:50:16

Test Type: **Conventional Bottom Hole**

Tester: **Jason McLemore**

Unit No: **54**

Interval: **4573.00 ft (KB) To 4583.00 ft (KB) (TVD)**

Total Depth: **4583.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: 2423.00 ft (KB)

2418.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8673

Inside

Press@RunDepth: 51.18 psig @ 4575.00 ft (KB)

Start Date: 2010.12.07

End Date: 2010.12.08

Capacity: 8000.00 psig

Last Calib.: 2010.12.08

Start Time: 19:55:18

End Time: 04:50:16

Time On Btm: 2010.12.07 @ 22:50:46

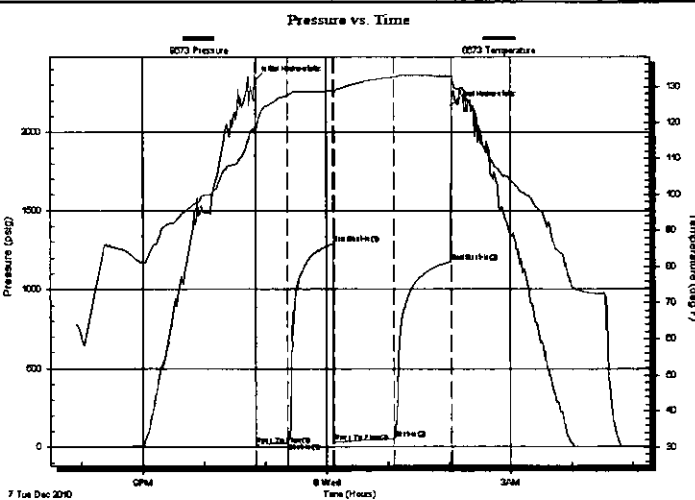
Time Off Btm: 2010.12.08 @ 02:02:31

TEST COMMENT: IFF-Weak Blow ,Built to 4"

ISI-Dead

FFP-Weak Blow ,Built to 4-1/2"

FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2329.40	118.93	Initial Hydro-static
1	16.32	117.47	Open To Flow (1)
31	28.43	127.53	Shut-in(1)
76	1288.11	128.68	End Shut-in(1)
76	32.45	128.18	Open To Flow (2)
135	51.18	132.53	Shut-in(2)
191	1175.95	132.72	End Shut-in(2)
192	2171.50	133.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Clean Oil	0.70
60.00	Muddy Water-85%W-15%M	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum, LTD

Goebel Unit #1-24

225 N. Market
Suite 300
Wichita, KS 67202
ATTN: Jamie Hess

24-21-24Hodgeman, KS

Job Ticket: 40900 **DST#: 1**
Test Start: 2010.12.07 @ 19:55:16

Tool Information

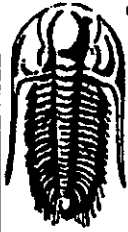
Drill Pipe:	Length: 4560.00 ft	Diameter: 3.80 inches	Volume: 63.96 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 62000.00 lb
			Total Volume: 63.96 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4573.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	33.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4551.00	
Shut In Tool	5.00			4556.00	
Hydraulic tool	5.00			4561.00	
Safety Joint	2.00			4563.00	
Packer	5.00			4568.00	23.00 Bottom Of Top Packer
Packer	5.00			4573.00	
Stubb	1.00			4574.00	
Perforations	1.00			4575.00	
Recorder	0.00	8673	Inside	4575.00	
Recorder	0.00	6668	Outside	4575.00	
Perforations	5.00			4580.00	
Bullnose	3.00			4583.00	10.00 Bottom Packers & Anchor

Total Tool Length: 33.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum, LTD

Goebel Unit #1-24

225 N. Market
Suite 300
Wichita, KS 67202
ATTN: Jamie Hess

24-21-24Hodgeman, KS
Job Ticket: 40900 DST#: 1
Test Start: 2010.12.07 @ 19:55:16

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 38 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 28000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 16.78 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	Clean Oil	0.701
60.00	Muddy Water-85%W-15%M	0.842

Total Length: 110.00 ft Total Volume: 1.543 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

