

CONFIDENTIAL
4-26-13

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1

June 2009

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 #300
Address 2:
City: WICHITA State: KS Zip: 67202 +
Contact Person: WALTER INNES PHILLIPS
Phone: (316) 263-2243
CONTRACTOR: License # 4958
Name: MALLARD JV
Wellsite Geologist: SETH EVENSON
Purchaser: N/A

API No. 15 - ¹³⁵ 083-25381-00-00

Spot Description:
SW NE NE NW Sec. 15 Twp. 18 S. R. 25 East West
4/5 479 Feet from North / South Line of Section
3/5 2093 Feet from East / West Line of Section
GPS-KCC

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

County: NESS
Lease Name: EDWARDS-THEISEN Well #: 1-15

Field Name: WILDCAT

Producing Formation: N/A

Elevation: Ground: Kelly Bushing: 2442

Total Depth: 4500 Plug Back Total Depth: N/A

Amount of Surface Pipe Set and Cemented at: 217 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.

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
 Conv. to GSW

Plug Back: Plug Back Total Depth

Commingled Permit #:

Dual Completion Permit #:

SWD Permit #:

ENHR Permit #:

GSW Permit #:

4/7/2012 4/14/2012

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan

(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 #:

Quarter Sec. Twp. S. R. East West

County: Permit #:

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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.

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.

Signature: *Lee Davis*

Title: PRODUCTION & COMPLIANCE MANAGER Date: 4/26/2012

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 4-26-12 to 4-26-13
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: *Dlg* Date: 5-1-12

Operator Name: PINTAIL PETROLEUM, LTD Lease Name: EDWARDS-THEISEN Well #: 1-15
 Sec. 15 Twp. 18 S. R. 25 East West County: NESS

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>ANHYDRITE</td> <td>1715</td> <td>+727</td> </tr> <tr> <td>HEEBNER SHALE</td> <td>3772</td> <td>-1330</td> </tr> <tr> <td>LANSING KC</td> <td>3818</td> <td>-1376</td> </tr> <tr> <td>BASE KC</td> <td>4141</td> <td>-1699</td> </tr> <tr> <td>FT SCOTT</td> <td>4316</td> <td>-1874</td> </tr> <tr> <td>CHEROKEE SHALE</td> <td>4339</td> <td>-1897</td> </tr> <tr> <td>MISSISSIPPI</td> <td>4408</td> <td>-1966</td> </tr> </tbody> </table>	Name	Top	Datum	ANHYDRITE	1715	+727	HEEBNER SHALE	3772	-1330	LANSING KC	3818	-1376	BASE KC	4141	-1699	FT SCOTT	4316	-1874	CHEROKEE SHALE	4339	-1897	MISSISSIPPI	4408	-1966
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CASING RECORD <input checked="" 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	12.25	8.625	23#	217'	COMMON	150	2% GEL 3% CC

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 <i>(Amount and Kind of Material Used)</i>	Depth

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TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed 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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**PINTAIL PETROLEUM, Ltd.
225 N. MARKET, STE. 300
WICHITA, KS 67202
(316) 263-2243
(316) 263-6479 FAX**

April 26, 2012

**Kansas Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202**

**RE: Pintail Petroleum, Ltd.
Edwards-Theisen #1-15
Section 15-18S-25W
Ness County, KS**

To Whom It May Concern:

**Please keep the information confidential on the Edwards-Theisen #1-15
confidential for a period of one year.**

Thank you,



**Sue Davis
Production & Compliance Manager**

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ALLIED CEMENTING CO., LLC. 042462

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

SERVICE POINT:

Great Bend

DATE <u>4-7-12</u>	SEC. <u>15</u>	TWP. <u>18</u>	RANGE <u>25</u>	CALLED OUT	ON LOCATION	JOB START <u>8:50</u>	JOB FINISH <u>9:00</u>
Edwards - LEASE <u>Thissen</u>	WELL # <u>1-15</u>		LOCATION <u>Laird Ks 1/2 west to d Rd</u>		COUNTY <u>Ness</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)			<u>2 north west into</u>				

CONTRACTOR <u>Mallard</u>	OWNER <u>Pintail</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/2</u>	I.D. <u>217</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>203</u>
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15.5</u>	
PERES.	
DISPLACEMENT <u>freshwater</u>	

CEMENT
AMOUNT ORDERED 150.00 (5mm - 3% gel)
2% gel

COMMON	<u>1.50</u>	@ <u>16.25</u>	<u>2437.50</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>5</u>	@ <u>58.20</u>	<u>291.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>162.2</u>	@ <u>2.20</u>	<u>356.84</u>
MILEAGE	<u>7.402 x 20 = 148.04</u>	@ <u>2.35</u>	<u>347.87</u>
TOTAL			<u>3480.76</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Shawn K</u>
# <u>229</u>	HELPER <u>Kevin E</u>
BULK TRUCK	
# <u>341</u>	DRIVER <u>Joel</u>
BULK TRUCK	
#	DRIVER

REMARKS:

Arrive on location hold safety meeting
tie up circulation casing with Rig and
bank up mix 150 cc - displace with
12 1/2 bbls of freshwater shut in
rig down leave location

SERVICE

DEPTH OF JOB	<u>217</u>	
PUMP TRUCK CHARGE		<u>1125.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>Hum</u>	<u>40</u>	@ <u>7.00</u> <u>280.00</u>
MANIFOLD	@	
<u>Hum</u>	<u>40</u>	@ <u>4.00</u> <u>160.00</u>
	@	

TOTAL 1565.00

CHARGE TO: Pintail
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.

PRINTED NAME x Sustan McDonald

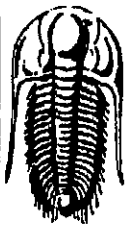
SIGNATURE x [Signature]

SALES TAX (if Any) _____
TOTAL CHARGES 5095.76
2820.00 1403.00
DISCOUNT _____

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IF PAID IN 30 DAYS

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Frontier Petroleum
 225 N. Market STE. 300
 Wichita KS. 67202
 ATTN: Seth Evenson

15-18s-25w Ness Co. KS

1-15 Edwards-Thelsen

Job Ticket: 45831 DST#: 1
 Test Start: 2012.04.14 @ 13:58:00

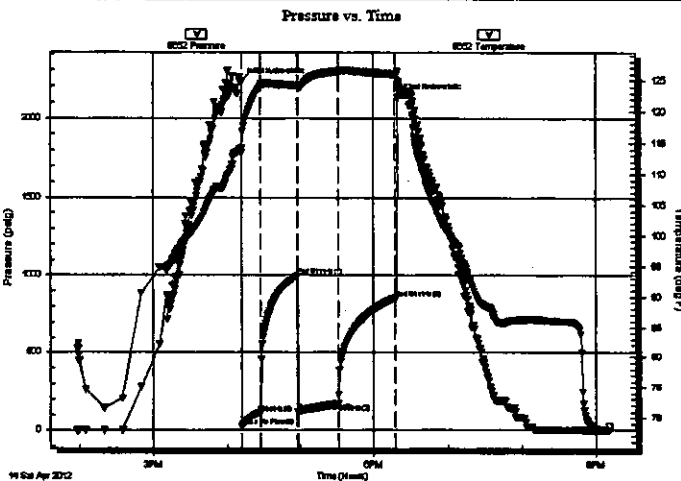
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GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: **16:11:55**
 Time Test Ended: **21:11:09**
 Interval: **4420.00 ft (KB) To 4429.00 ft (KB) (TVD)**
 Total Depth: **4429.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Will MacLean**
 Unit No: **40**
 Reference Elevations: **2433.00 ft (KB)**
2428.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: **8652** Inside
 Press@RunDepth: **168.09 psig @ 4421.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.04.14** End Date: **2012.04.14** Last Calib.: **2012.04.14**
 Start Time: **13:58:00** End Time: **21:11:09** Time On Btmr: **2012.04.14 @ 16:11:40**
 Time Off Btmr: **2012.04.14 @ 18:19:24**

TEST COMMENT: IF- Surface Blow Built to BOB in 10min
 IS- Weak Surface Blow in 7 1/4min Built to 3/4"
 FF- Surface Blow Built to BOB in 15 3/4 min
 FS- Weak Surface Blow in 6min Built to 1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2226.99	114.19	Initial Hydro-static
1	25.15	113.53	Open To Flow (1)
16	111.58	123.95	Shut-in(1)
47	997.44	124.16	End Shut-in(1)
47	118.11	123.74	Open To Flow (2)
80	168.09	126.46	Shut-in(2)
126	856.22	126.03	End Shut-in(2)
128	2127.51	126.47	Final Hydro-static

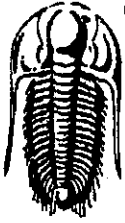
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Recovery

Length (ft)	Description	Volume (bbl)
120.00	OGMCW 3%oil 4%g 83%w 10%m	0.59
60.00	GOWCM 5%g 6%oil 29%w 60%m	0.30
60.00	GVMCO 5%g 12%w 34%m 49%oil	0.30
62.00	GO 23%g 77%oil	0.85
87.00	GO 15%g 85%oil	1.22
0.00	223' of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prntail Petroleum
225 N. Market STE 300
Wichita KS. 67202
ATTN: Seth Evenson

15-18s-25w Ness Co. KS
1-15 Edwards-Theisen
Job Ticket: 45831 DST#: 1
Test Start: 2012.04.14 @ 13:58:00

Mud and Cushion Information

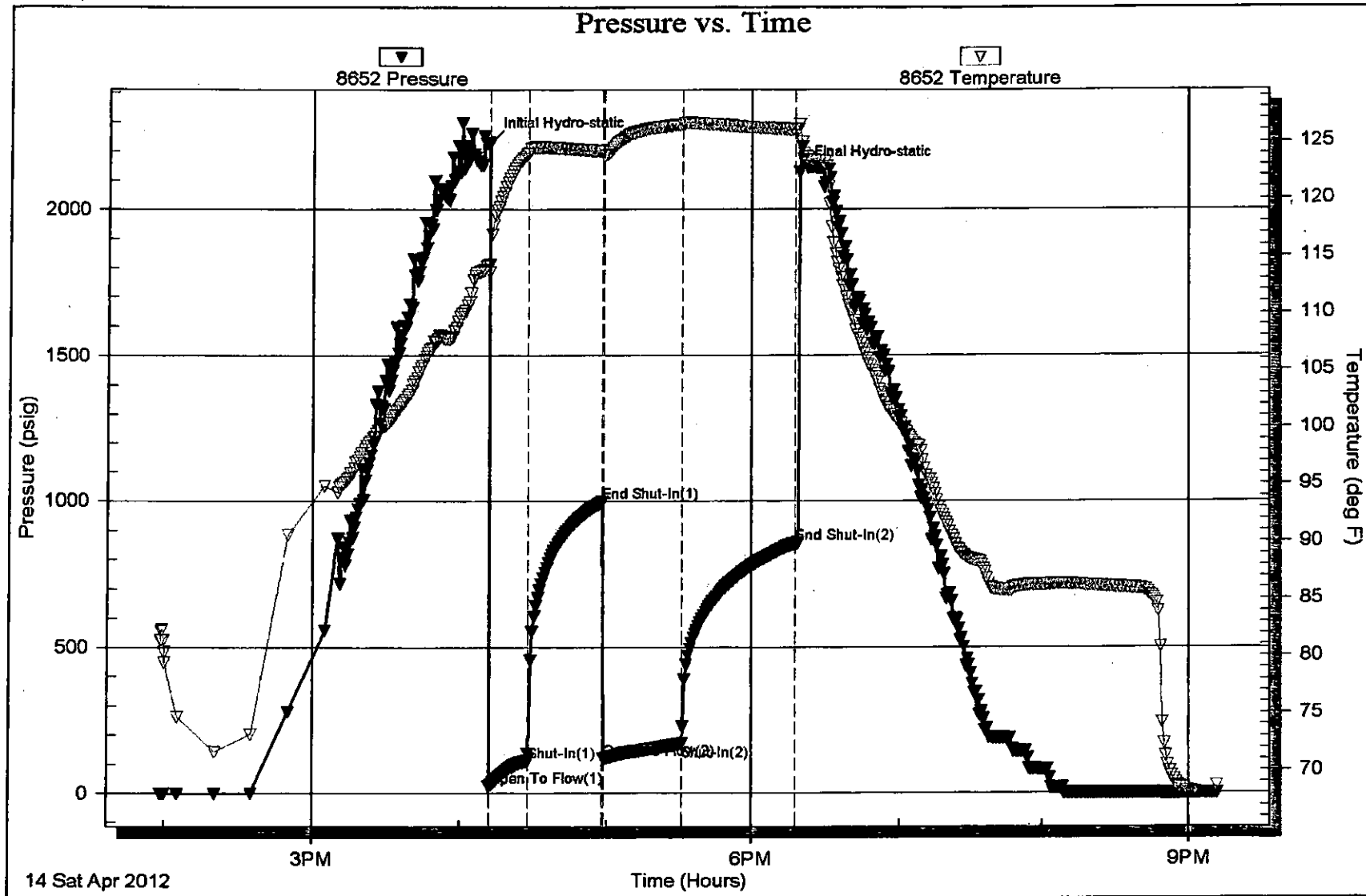
Mud Type: Gel Chem	Cushion Type:	Oil API: 34 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 27000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.16 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	OGMCW 3%oil 4%g 83%w 10%m	0.590
60.00	GOWCM 5%g 6%oil 29%w 60%m	0.295
60.00	GWMCO 5%g 12%w 34%m 49%oil	0.295
62.00	GO 23%g 77%oil	0.851
87.00	GO 15%g 85%oil	1.220
0.00	223' of GIP	0.000

Total Length: 389.00 ft Total Volume: 3.251 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: API is 35 @ 70f = 34
 RW is .248 @ 71f = 27000



Serial #: 8322

Outside Pintail Petroleum

1-15 Edwards-Theisen

DST Test Number: 1

