



WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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

(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 #: \_\_\_\_\_

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

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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**JOB LOG**

**SWIFT Services, Inc.**

DATE 29 Jun 11 PAGE NO. 1

CUSTOMER Trans Pacific WELL NO. 3-20 LEASE Demel JOB TYPE cement lag string TICKET NO. 20952

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 EA-2 cement w/ floccle
								5 1/2" 15.5# casing
								Basket #2 Cont. 1, 3, 4, 5, 4, 7, 8, 9, 10, 11
								TD: 3391 Packer shoe 3385' unit 3364'
	1300							on loc TRK 114
	1310							start 5 1/2" casing in well
	1415							Drop ball
	1435						1200	set packer shoe
	1438	4 3/4	12				200	pump 500 gal mudflush
		4 3/4	20				200	pump 20 bbl KCL H <sub>2</sub> O
			7					plug RH <u>30 bbl</u>
	1445	4 3/4	34				200	mix EA-2 cement @ 15.4 ppm 1458PS
								Drop batch down plug
	1455							wash out pumps & line
	1500	6 3/4					200	Displace plug
	1510	6 3/4	70				800	
	1515		80				1500	land plug
	1520							wash truck
								Rack up
	1545							job complete
								Thanks Blair ROB & Dave

RECEIVED



## DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corporation**

100 S Main Ste 200 Wichita KS 67202+3735

ATTN: Beth

**20-16-12 Barton**

**Demel #3-20**

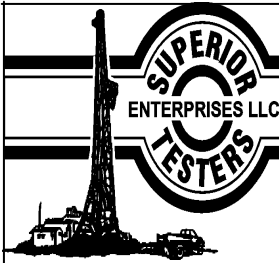
Start Date: 2011.06.28 @ 05:13:00

End Date: 2011.06.28 @ 10:18:30

Job Ticket #: 15824                      DST #: 1

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2011.06.28 @ 10:34:03



# DRILL STEM TEST REPORT

Trans Pacific Oil Corporation  
 100 S Main Ste 200 Wichita KS 67202+3735  
 ATTN: Beth

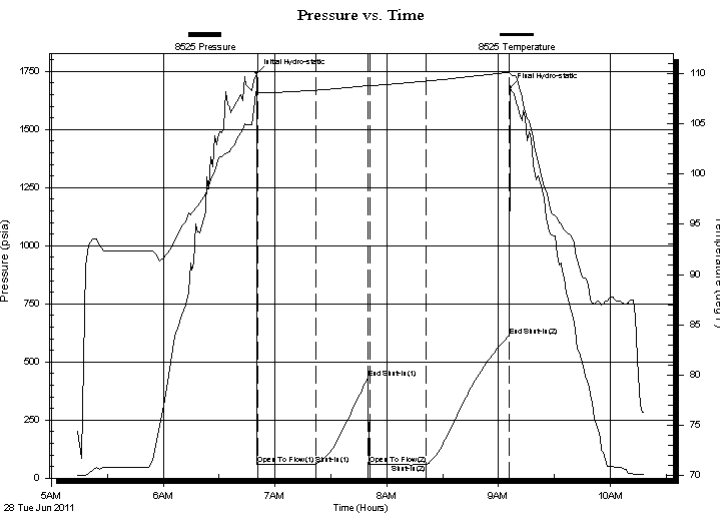
**Demel #3-20**  
**20-16-12 Barton**  
 Job Ticket: 15824      **DST#: 1**  
 Test Start: 2011.06.28 @ 05:13:00

## GENERAL INFORMATION:

Formation: <b>Arbuckle</b>	Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock:      ft (KB)	Tester: Jared Scheck
Time Tool Opened: 06:50:30	Unit No: 3320-GB
Time Test Ended: 10:18:30	Reference Elevations: 1921.00 ft (KB)
<b>Interval: 3324.00 ft (KB) To 3386.00 ft (KB) (TVD)</b>	1916.00 ft (CF)
Total Depth: 3386.00 ft (KB) (TVD)	KB to GR/CF: 5.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Fair

<b>Serial #: 8525</b> <b>Inside</b>	Capacity: 5000.00 psia
Press @ Run Depth: 57.55 psia @ 3382.00 ft (KB)	Last Calib.: 2011.06.28
Start Date: 2011.06.28      End Date: 2011.06.28	Time On Btm: 2011.06.28 @ 06:50:00
Start Time: 05:13:00      End Time: 10:18:30	Time Off Btm: 2011.06.28 @ 09:06:30

**TEST COMMENT:** 30/initial Open: Weak surface blow stayed 1/4 inch throughout open  
 30/initial Shut In: No blow back  
 30/Final Open: Very weak surge died off  
 45/Final Shut In: No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1742.11	108.31	Initial Hydro-static
1	57.87	108.06	Open To Flow (1)
32	60.46	108.34	Shut-In(1)
60	428.48	108.81	End Shut-In(1)
61	58.75	108.80	Open To Flow (2)
91	57.55	109.24	Shut-In(2)
136	613.00	110.11	End Shut-In(2)
137	1680.23	109.97	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Oil cut mud 5% oil 95% mud	0.07

## Gas Rates

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



# DRILL STEM TEST REPORT

Trans Pacific Oil Corporation  
 100 S Main Ste 200 Wichita KS 67202+3735  
 ATTN: Beth

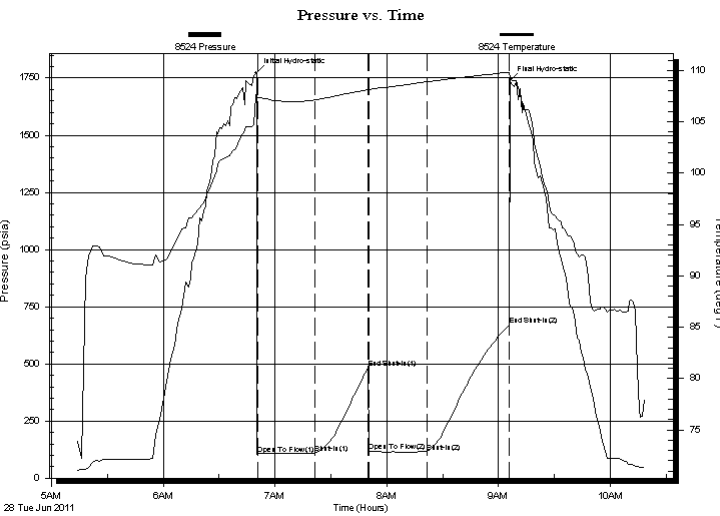
**Demel #3-20**  
**20-16-12 Barton**  
 Job Ticket: 15824 **DST#: 1**  
 Test Start: 2011.06.28 @ 05:13:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 06:50:30  
 Time Test Ended: 10:18:30  
 Interval: **3324.00 ft (KB) To 3386.00 ft (KB) (TVD)**  
 Total Depth: 3386.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jared Scheck  
 Unit No: 3320-GB  
 Reference Elevations: 1921.00 ft (KB)  
 1916.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8524 Outside**  
 Press @ Run Depth: 669.62 psia @ 3383.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2011.06.28 End Date: 2011.06.28 Last Calib.: 2011.06.28  
 Start Time: 05:13:00 End Time: 10:19:00 Time On Btm: 2011.06.28 @ 06:50:00  
 Time Off Btm: 2011.06.28 @ 09:06:30

**TEST COMMENT:** 30/initial Open: Weak surface blow stayed 1/4 inch throughout open  
 30/initial Shut In: No blow back  
 30/Final Open: Very weak surge died off  
 45/Final Shut In: No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1772.70	107.70	Initial Hydro-static
1	105.68	107.27	Open To Flow (1)
32	110.60	107.14	Shut-In(1)
60	480.00	108.12	End Shut-In(1)
61	115.36	108.01	Open To Flow (2)
92	115.24	108.90	Shut-In(2)
136	669.62	109.81	End Shut-In(2)
137	1740.37	109.40	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Oil cut mud 5%oil 95% mud	0.07

## Gas Rates

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



# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Trans Pacific Oil Corporation  
 100 S Main Ste 200 Wichita KS 67202+3735  
 ATTN: Beth

**Demel #3-20**  
**20-16-12 Barton**  
 Job Ticket: 15824      **DST#: 1**  
 Test Start: 2011.06.28 @ 05:13:00

**Tool Information**

Drill Pipe:	Length: 3312.00 ft	Diameter: 3.80 inches	Volume: 46.46 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 46.46 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3324.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	62.00 ft				
Tool Length:	82.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
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SHut-InTool	5.00		Inside	3309.00	
Hydraulic Tool	5.00			3314.00	
Packer	5.00			3319.00	20.00      Bottom Of Top Packer
Packer	5.00			3324.00	
Anchor	4.00			3328.00	
Change Over Sub	0.75			3328.75	
Drill Pipe	31.50		Outside	3360.25	
Change Over Sub	0.75		Outside	3361.00	
Anchor	20.00			3381.00	
Recorder	1.00	8525	Inside	3382.00	
Recorder	1.00	8524	Outside	3383.00	
Bullnose	3.00			3386.00	62.00      Bottom Packers & Anchor

**Total Tool Length: 82.00**



# DRILL STEM TEST REPORT

## FLUID SUMMARY

Trans Pacific Oil Corporation  
100 S Main Ste 200 Wichita KS 67202+3735  
ATTN: Beth

**Demel #3-20**  
**20-16-12 Barton**  
Job Ticket: 15824      **DST#: 1**  
Test Start: 2011.06.28 @ 05:13:00

### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.80 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 4900.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Oil cut mud 5%oil 95%mud	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8525

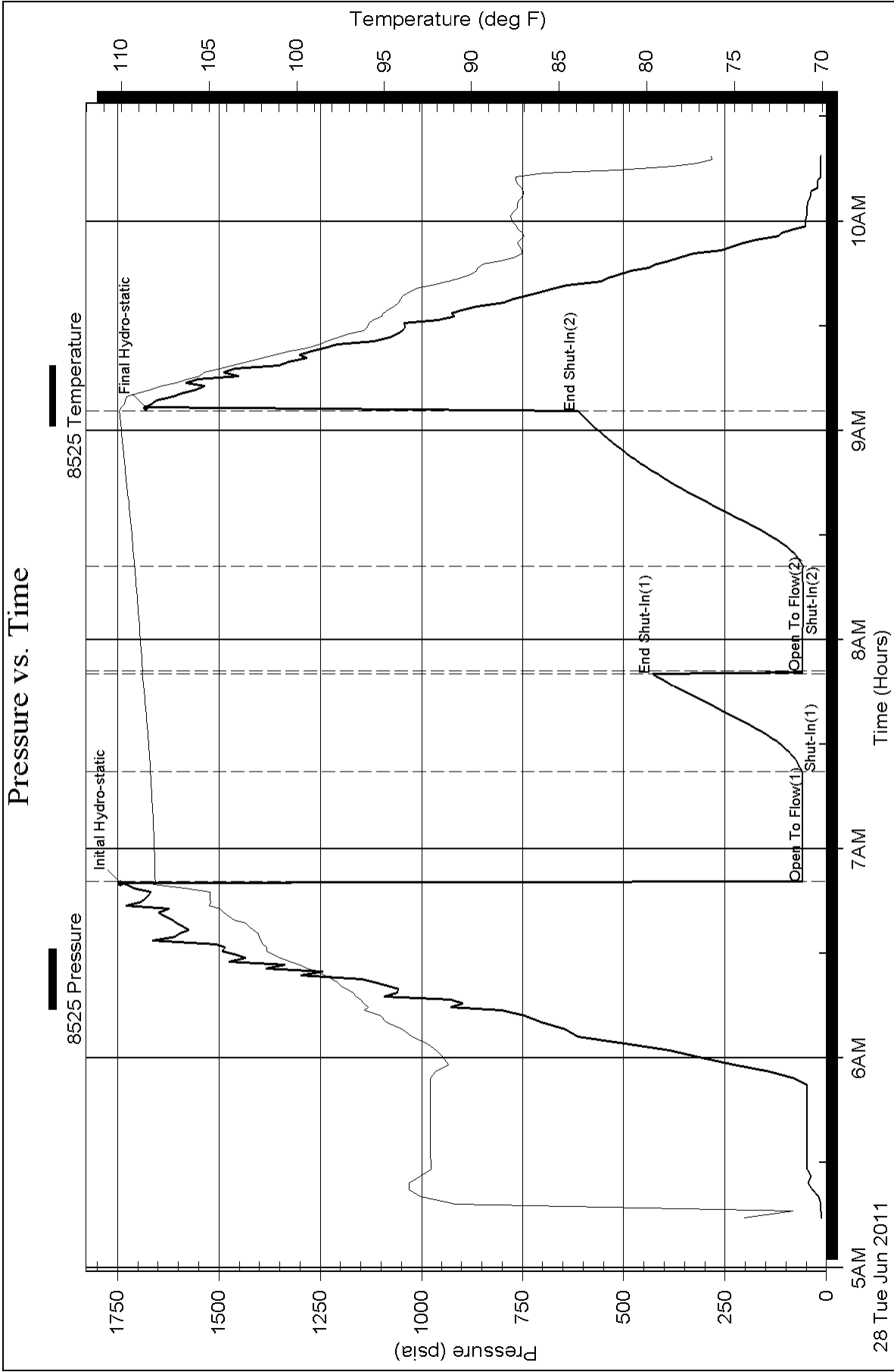
Inside

Trans Pacific Oil Corporation

20-16-12 Barton

DST Test Number: 1

### Pressure vs. Time



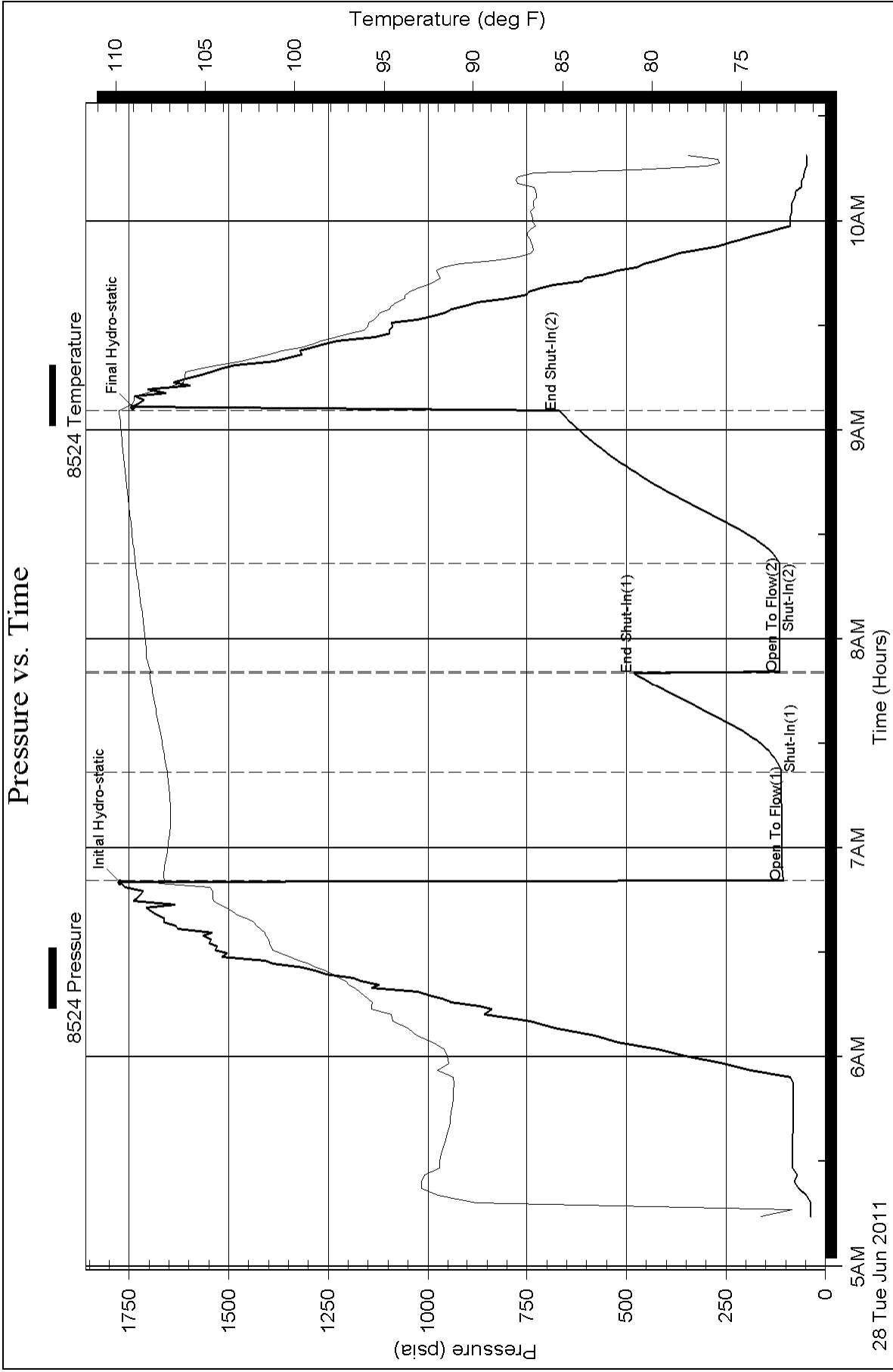
Serial #: 8524

Outside Trans Pacific Oil Corporation

20-16-12 Barton

DST Test Number: 1

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corporation**

100 S Main Ste 200 Wichita KS 67202+3735

ATTN: Beth

**20-16-12 Barton**

**Demel #3-20**

Start Date: 2011.06.28 @ 15:04:00

End Date: 2011.06.28 @ 22:04:30

Job Ticket #: 15825                      DST #: 2

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2011.06.28 @ 22:20:20



# DRILL STEM TEST REPORT

Trans Pacific Oil Corporation  
 100 S Main Ste 200 Wichita KS 67202+3735  
 ATTN: Beth

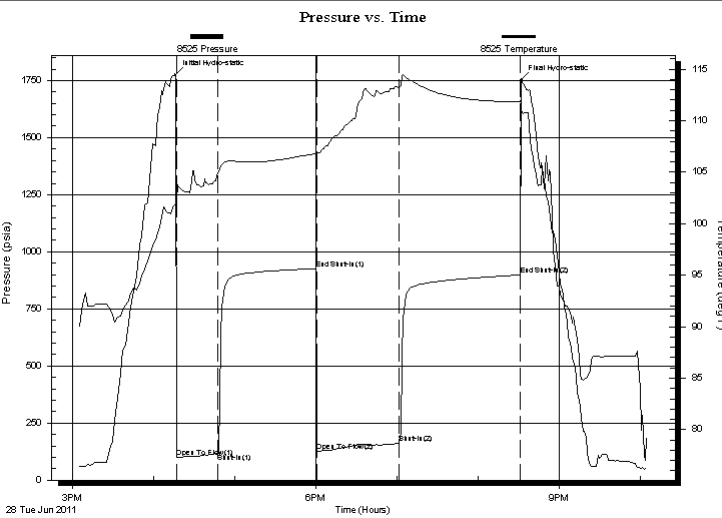
**Demel #3-20**  
**20-16-12 Barton**  
 Job Ticket: 15825 **DST#: 2**  
 Test Start: 2011.06.28 @ 15:04:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:16:30  
 Time Test Ended: 22:04:30  
 Interval: **3345.00 ft (KB) To 3391.00 ft (KB) (TVD)**  
 Total Depth: 3391.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jared Scheck  
 Unit No: 3320-GB-30  
 Reference Elevations: 1921.00 ft (KB)  
 1916.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8525 Inside**  
 Press @ Run Depth: 159.93 psia @ 3387.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2011.06.28 End Date: 2011.06.28 Last Calib.: 2011.06.28  
 Start Time: 15:04:00 End Time: 22:04:30 Time On Btm: 2011.06.28 @ 16:16:00  
 Time Off Btm: 2011.06.28 @ 20:32:00

**TEST COMMENT:** 30/Initial Open:Weak blow built 4 1/2 inches into water in 30 minutes  
 75/Initial Shut In:No blow back  
 60/Final Open:Fair blow built 9 1/2 inches into water in 60 minutes  
 90/Final Shut In:No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1775.07	101.83	Initial Hydro-static
1	99.63	102.18	Open To Flow (1)
31	117.40	104.82	Shut-In(1)
104	926.21	106.83	End Shut-In(1)
105	124.60	106.70	Open To Flow (2)
166	159.93	113.22	Shut-In(2)
255	899.12	111.82	End Shut-In(2)
256	1753.55	111.08	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	Heavy oil cut mud 60%mud 40%oil	0.84
0.00	Gravity oil	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

Trans Pacific Oil Corporation  
 100 S Main Ste 200 Wichita KS 67202+3735  
 ATTN: Beth

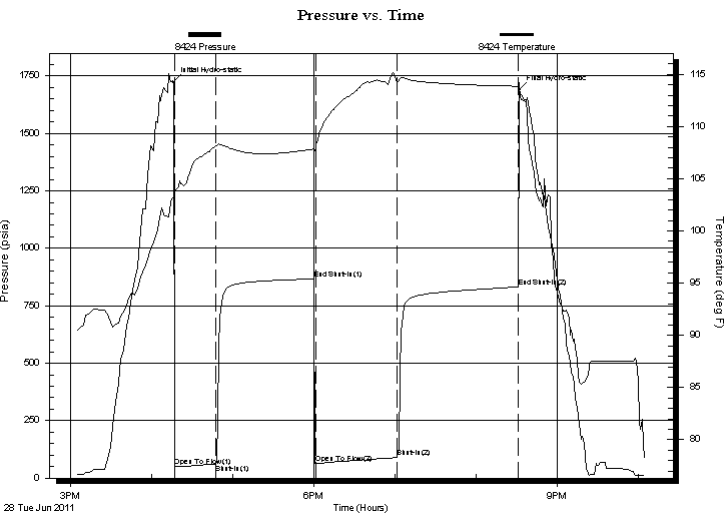
**Demel #3-20**  
**20-16-12 Barton**  
 Job Ticket: 15825 **DST#: 2**  
 Test Start: 2011.06.28 @ 15:04:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:16:30  
 Time Test Ended: 22:04:30  
 Interval: **3345.00 ft (KB) To 3391.00 ft (KB) (TVD)**  
 Total Depth: 3391.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jared Scheck  
 Unit No: 3320-GB-30  
 Reference Elevations: 1921.00 ft (KB)  
 1916.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8424 Outside**  
 Press @ RunDepth: 831.84 psia @ 3388.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2011.06.28 End Date: 2011.06.28 Last Calib.: 2011.06.28  
 Start Time: 15:04:00 End Time: 22:05:00 Time On Btm: 2011.06.28 @ 16:16:00  
 Time Off Btm: 2011.06.28 @ 20:32:00

**TEST COMMENT:** 30/Initial Open:Weak blow built 4 1/2 inches into water in 30 minutes  
 75/Initial Shut In:No blow back  
 60/Final Open:Fair blow built 9 1/2 inches into water in 60 minutes  
 90/Final Shut In:No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1724.57	103.19	Initial Hydro-static
1	49.72	103.89	Open To Flow (1)
31	61.95	108.14	Shut-In(1)
104	867.38	107.84	End Shut-In(1)
105	62.82	107.91	Open To Flow (2)
166	91.89	114.20	Shut-In(2)
255	831.84	113.85	End Shut-In(2)
256	1689.97	113.60	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	Heavy oil cut mud 60% mud 40% oil	0.84
0.00	Gravity oil	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Trans Pacific Oil Corporation  
 100 S Main Ste 200 Wichita KS 67202+3735  
 ATTN: Beth

**Demel #3-20**  
**20-16-12 Barton**  
 Job Ticket: 15825      **DST#: 2**  
 Test Start: 2011.06.28 @ 15:04:00

**Tool Information**

Drill Pipe:	Length: 3341.00 ft	Diameter: 3.80 inches	Volume: 46.87 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	50000.00 lb
			<u>Total Volume: 46.87 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3345.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	46.00 ft				
Tool Length:	66.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
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SHut-InTool	5.00		Inside	3330.00	
Hydraulic Tool	5.00			3335.00	
Packer	5.00			3340.00	20.00      Bottom Of Top Packer
Packer	5.00			3345.00	
Anchor	4.00			3349.00	
Change Over Sub	0.75			3349.75	
Drill Pipe	31.50		Outside	3381.25	
Change Over Sub	0.75		Outside	3382.00	
Anchor	4.00			3386.00	
Recorder	1.00	8525	Inside	3387.00	
Recorder	1.00	8424	Outside	3388.00	
Bullnose	3.00			3391.00	46.00      Bottom Packers & Anchor

**Total Tool Length: 66.00**



# DRILL STEM TEST REPORT

## FLUID SUMMARY

Trans Pacific Oil Corporation  
100 S Main Ste 200 Wichita KS 67202+3735  
ATTN: Beth

**Demel #3-20**  
**20-16-12 Barton**  
Job Ticket: 15825      **DST#: 2**  
Test Start: 2011.06.28 @ 15:04:00

### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 47 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.20 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psia	
Salinity: 5000.00 ppm		
Filter Cake: 1.00 inches		

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Heavy oil cut mud 60%mud 40%oil	0.842
0.00	Gravity oil	0.000

Total Length: 60.00 ft      Total Volume: 0.842 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

Serial #: 8525

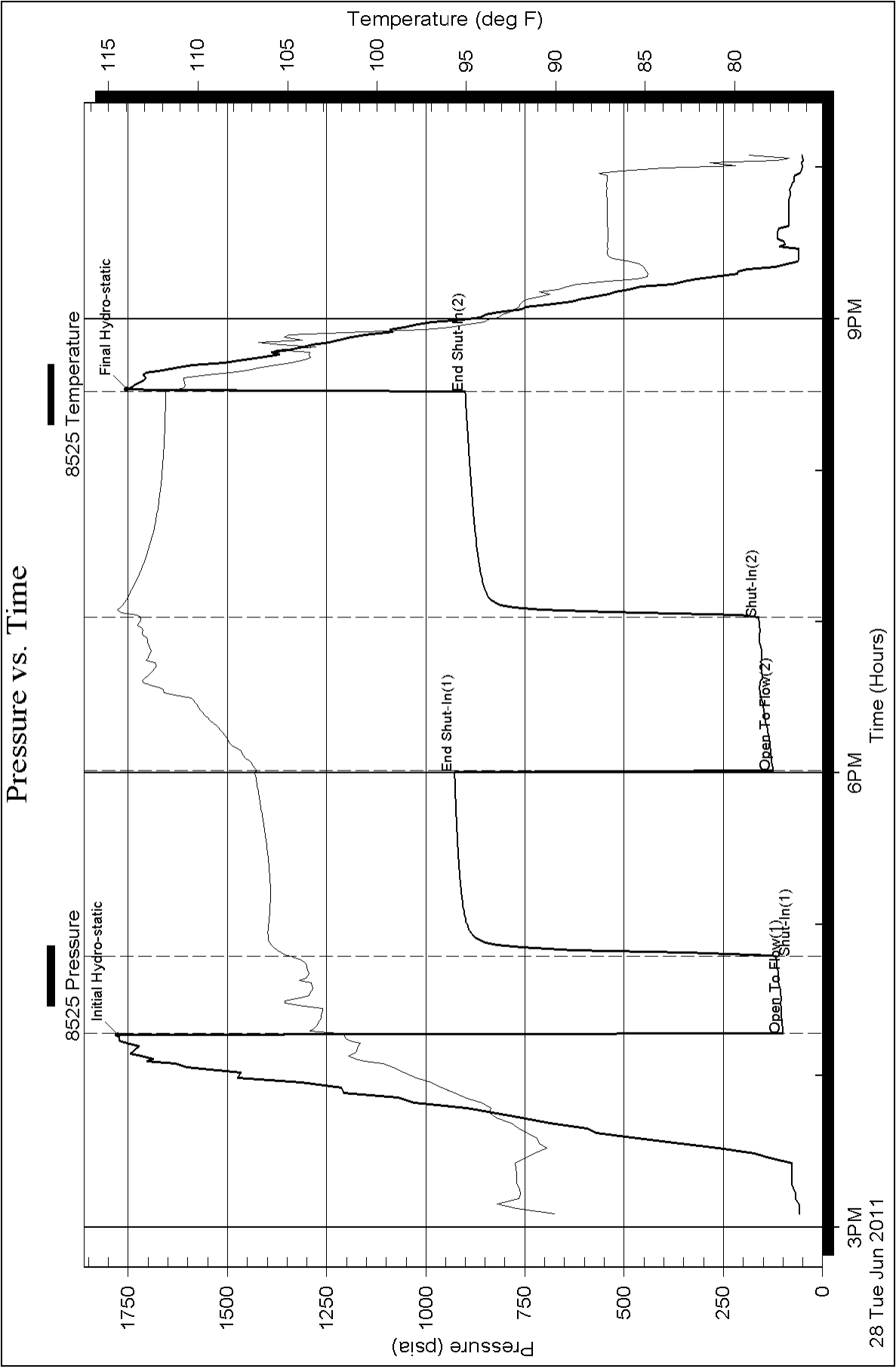
Inside

Trans Pacific Oil Corporation

20-16-12 Barton

DST Test Number: 2

### Pressure vs. Time



3PM  
28 Tue Jun 2011

6PM  
Time (Hours)

9PM



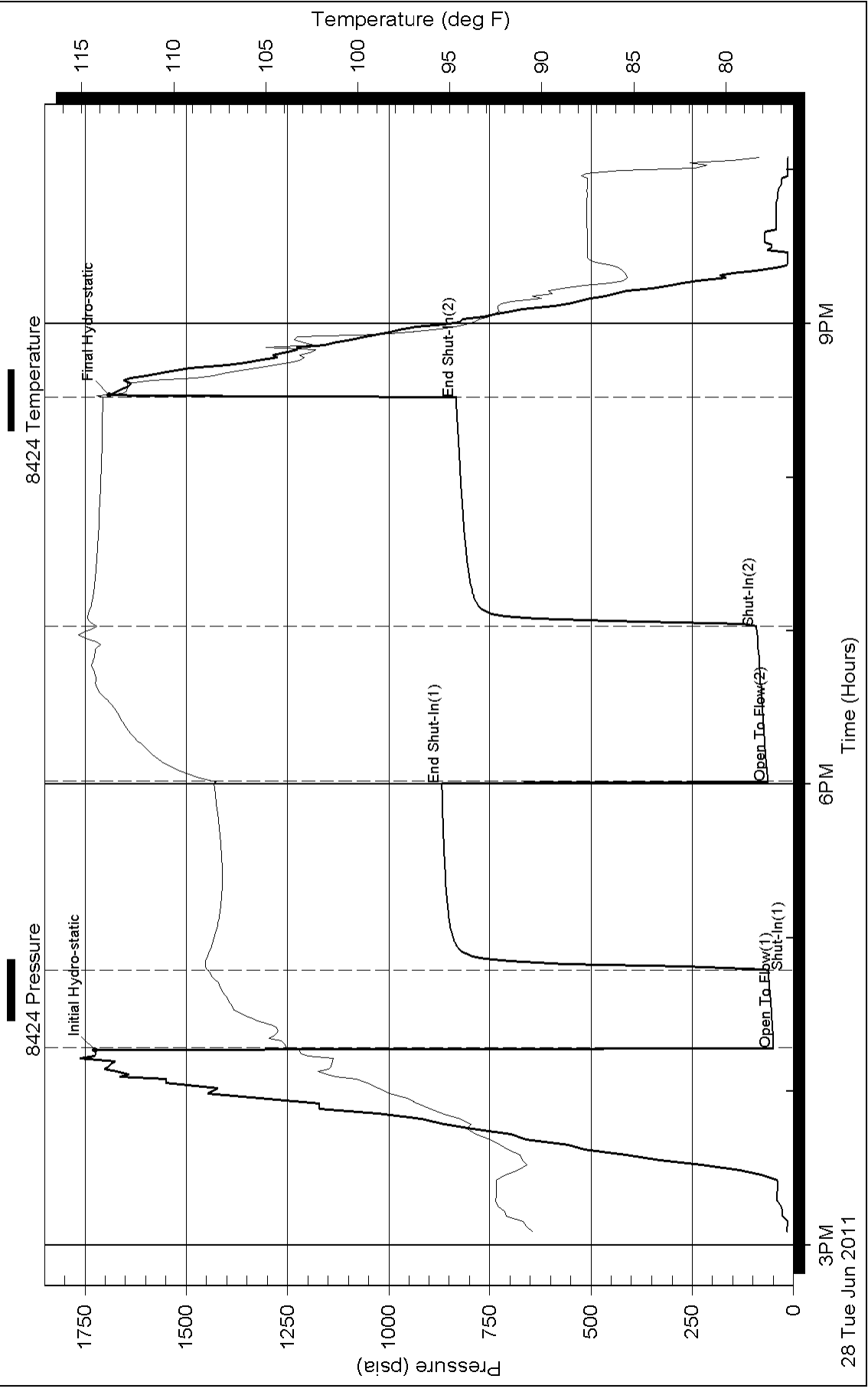
Serial #: 8424

Outside Trans Pacific Oil Corporation

20-16-12 Barton

DST Test Number: 2

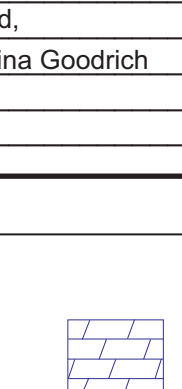
### Pressure vs. Time



Printed: 2011.06.28 @ 22:20:20

Ref. No: 15825

Superior Testers Enterprises LLC



**GEOLOGIST'S REPORT**  
**DRILLING TIME AND SAMPLE LOG**

Geologist on Well: Beth Isern & Cristina Goodrich

LEASE: Date: 6/3-20  
 FIELD: Beaver South

LOCATION: 2310 FNL & 1923 FEL

SFC: 20 TWSP 16 RGE 12w

COUNTRY: Britain STATE: Kansas

CONTRACTOR: American Eagle Drilling

SPUD: 6/23/11 COMP: 6/29/11

RTD: 3391 LTD: 3390

MUD UP: 2600 TYPE MUD: CHEMICAL

SAMPLES SAVED FROM: 2600 TO RTD

DRILLING TIME KEPT FROM: 2600 TO RTD

SAMPLES EXAMINED FROM: 2950 TO RTD

GEOLOGICAL SUPERVISION FROM: 2900

REFERENCE WELL: Demel #1 Palominho Petroleum

FORMATION: Demel #1 Palominho Petroleum

Sample Tops E-log Tops

Formation Sample Tops E-log Tops

Base Anhydrite 834 831 (+1090) -5

Howard 857 858 (+1063) -2

Topeka 2698 2695 (-774) -1

Heebner Shale 2736 2733 (-812) -1

Douglas Lime 3038 3034 (-1173) +1

Brown Lime 3095 3092 (-1174) +1

Lansing 3112 3110 (-1189) +1

Arbuckle 3350 3346 (-1425) +1

Arbuckle 3380 3378 (-1457) -5

CONDUCTOR: SURFACE: 8 5/8" @ 389

PRODUCTION: 5 1/2" @ 3385'

ELECTRICAL SURVEYS

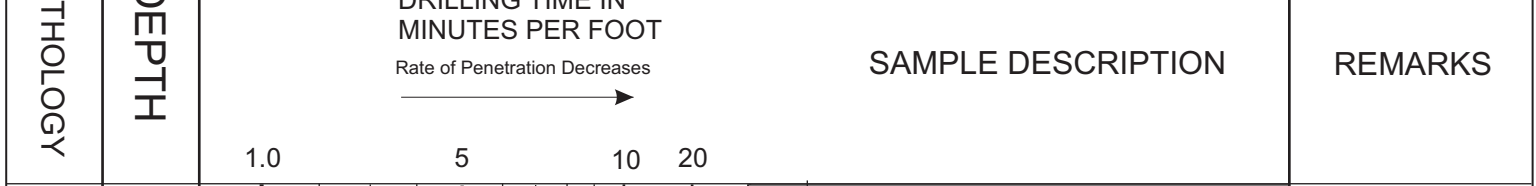
DIL. DUCP

LOG-TECH

It was decided to run 5 1/2" production casing on the Demel #3-20 on the basis of the positive structural position to surrounding Arbuckle wells and development of the dolomite and also the positive results of DST#2.

Respectfully Submitted,  
 Beth Isern and Cristina Goodrich

**LEGEND**



**DEPTH** (ft) | **LITHOLOGY** | **DRILLING TIME IN MINUTES PER FOOT** (Rate of Penetration Decreases) | **SAMPLE DESCRIPTION** | **REMARKS**

830	Anhydrite	40			Anhydrite 834 (+1087)
50	Base Anhydrite	60			Base/ Anhydrite 857 (+1064)
2600		10			
2700		10			Howard 2698 (-777)
2800		10			
2900		10			
3000		10			
3100		10			Heebner Sh. 3010 (-1089)
3200		10			
3300		10			
3350		10			Douglas 3038 (-1117)
3400		10			

DAILY PENETRATION  
 6-23-11 - Spud  
 6-24-11 Drilling at 393'  
 6-25-11 Drilling at 1600'  
 6-26-11 Drilling at 2466'  
 6-27-11 Drilling at 3130'  
 6-28-11 - Testing at 3386'  
 6-28-11 - Ran 5 1/2" casing

Tan-brn, mdxn & foss ls, poor vis porosity, NS  
 Crm wh sl chky ls, tr dk gry sh, poor por., NS  
 LS-AA, foss w/blk matrix, poor vis por., NS  
 Mostly wh, sl chalky-lr 2 pcs w/ VSSFO & faint odor-fr dense stn, very poor vis. por.  
 Wh, partly foss ls, fr min fluor, fr chert, NSFO  
 Ls-crm-tan, vfxln, dense, no vis. porosity  
 Ls-crm-tan, vfxln, dense w/ dark shale stain, Arg.

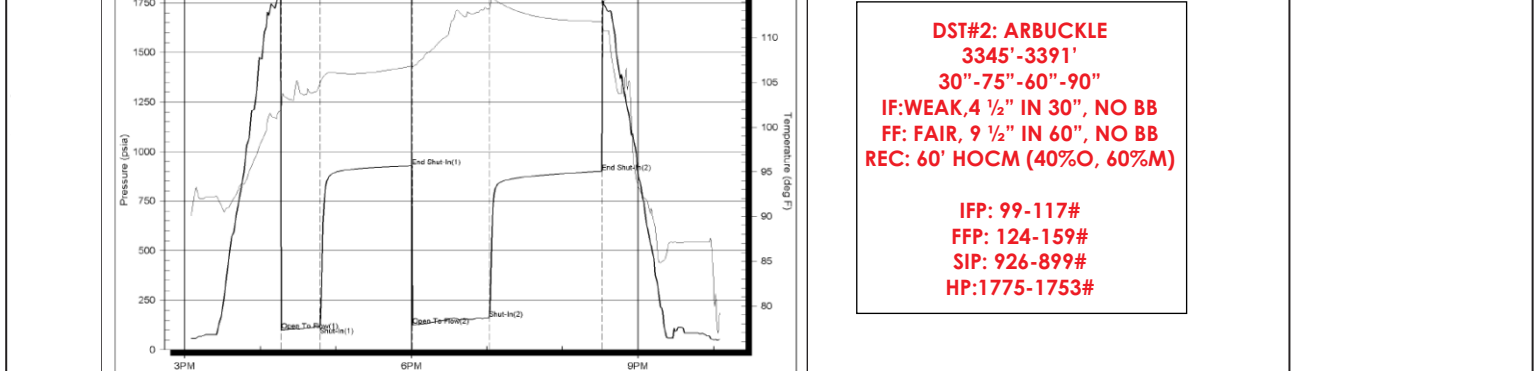
Sh-blk, carb  
 Ls-cryst, partly foss, tan/brn, calcite replacement  
 Ls-l gray, hard, sil foss, fxin, NS  
 Ls-crm, fxn, med/hard, dense no vis porosity, few pcs pyrite.  
 Ls-grn, arg, pyrite ip, partly loss  
 Siltstone-grn, soft, very fine grained, micaceous  
 Siltstone-m, vfg AA, few pc vfg SS  
 Siltstone-grn, soft, very fine grained, micaceous  
 Siltstone-AA, few pc brn siltstone, soft  
 Ls-tan-lt brn, dense, hard, fxin, partly foss, no vis por. NS  
 Ls-crm, mostly foss, fxin to sil chalky, poor vis por, few pc ool, & ooc. w/ poor ool por, 3 pc VSSFO, uneven stain, no odor  
 Ls-lt tan, fxin, dense, 2 pc w/ Vssfo, poor-fair pp por., very faint odor  
 Sh-drk gry  
 Ls-brn-gry, foss, w/ fxin matrix, poor vis por., NS  
 Ls-crm, fxn, few pc ool, w/ VSSO, poor pp por, on edge  
 Ls-crm, dense, micro xln, few pc foss, w/ VSSFO, very faint odor, some edge stain  
 Ls-gry, fxin, dense, blocky, NS. NO Sh-blk, splintery  
 Ls-brn-tan, foss., dense  
 Ls-crm, fxn, dense, foss, ip w/ calcite recrystal., very poor vis. por.  
 Ls-crm, dense, fxin, few pc white chalky ls, NS  
 Ls-foss, ip, crm, few pc ool & ooc, ip, suc, appearance, poor vis por., NS  
 Ls-tan, oolitic, suc, NS, matrix, fair-good ooc. por.  
 Ls-dk tan, vfxln, foss., no vis por., calcite replacement, NS  
 Ls-dk tan, no foss, microxin, dense blocky, NS  
 Ls-tan, fine-micro xin, dense, no vis por., blocky, NS  
 Ls-brn, vfxln, foss, dense, fxin matrix, few pc, ool & ooc, slightly sucrosic ls, NS  
 Sh-blk-dk gray, gas bubbles  
 Ls-crm, sil chalky, fxin, few pc gm glauc ls, 1 pc w/ VSSFO  
 Ls-crm, several ool, pc, dense, fxin matrix, very poor por., NS, found 1 pc stained w/ poor vis por.  
 Sh-gry-blk  
 Ls-crm, partly ool., fxin, found one pc s/VSSFO, poor vis porosity, dense  
 Ls-crm, fxin, dense, no vis por.  
 Ls-crm, fxin, poorly dev., NS  
 Sh-dk gry-grn  
 Ls-crm, partly ool. & foss, found 1 pc w/ good SO  
 Ls-crm, foss & partly ool., some pp por., faint odor, 4-5 pc fair-good SFO  
 Ls-tan, dense, no fossils, blocky, no vis por, NS, 2 pc w/ll uneven stain & poor vis por  
 Sh-grn-dk grn  
 Ls-crm, foss, dense  
 Sh-gry, soft, few pc rust colored  
 Ls-gry, fxin, dense, partly foss, no por  
 Sh-red, gray, various colors  
 Qtz SS-whl, barren, no vis por., 2 pcs no stain  
 Sh-turq, red/brn  
 Ls-red/tan mottled, dense, NS, several pc whl qtz sd  
 Sh-red/tan, whl, Chert-whl abundant, red mottled ls, Qtz-cir, angular, few pc sucrosic ool, ls, ool chert, & chl SS  
 Dol-whl, med xin, dense w/ very poor interxn & vuggy por, 80% barren, 20% dol, ll tan-brn, stained med xin, poor-occ fair interxn & vuggy por., GSF0, Even brn stain, fair odor, fluor.  
 Dol-lt tan, mid xin w/ GSF0, fr-stl odor, br flour., brn even stn, pr-fr interxn & vuggy por., cont. whl ds dol, poor sample due to DST#1 (abund. shale)

Mud Properties @ 3159'  
 Vis : 47  
 Wt : 9.2  
 Chl : 4,900  
 Lcm : 1

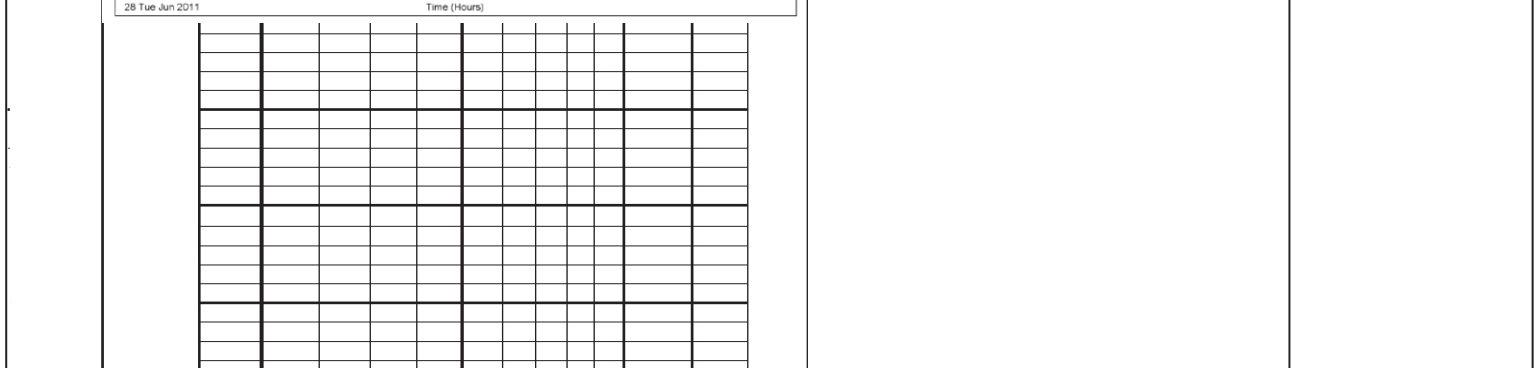
Mud Properties @ 3386'  
 Vis : 58  
 Wt : 9.3  
 Chl : 5,000  
 Lcm : 2

Base / Kansas City 3350 (-1429)

Arbuckle 3380 (-1459)  
 circ. 40' @ 3386'  
 RTD 3391 (-1470)  
 circ. 40' @ 3391'



**DST#1: ARBUCKLE**  
 3324'-3386'  
 30"-30"-30"-45"  
 IF:WEAK, STAYED 1 1/4"  
 FF:V WEAK, DIED OFF  
 REC: 5' OCM (5%O, 95%AM)  
 IFF: 58-60#  
 FFF: 59-57#  
 SIP: 428-613#  
 HP: 1742-1680#



**DST#2: ARBUCKLE**  
 3345'-3391'  
 30"-75"-60"-90"  
 IF:WEAK, 1 1/2" IN 30", NO BB  
 FF: FAIR, 9 1/4" IN 60", NO BB  
 REC: 60' HOCM (40%O, 60%AM)  
 IFF: 99-117#  
 FFF: 124-159#  
 SIP: 926-899#  
 HP: 1775-1753#

**Well:** Demel 3-20

**STR:** 20-16S-12W

**Cty:** Barton **State:** Kansas

Log Tops:

Anhydrite	831' (+1090) -5'
B/Anhydrite	858' (+1063) flat
Howard	2695' ( -774) -2'
Topeka	2733' ( -812) -1'
Heebner	3008' (-1087) flat
Douglas	3034' (-1113) +1'
Brown Lime	3092' (-1171) +1'
Lansing	3110' (-1189) +1'
BKC	3346' (-1425) +1'
Arbuckle	3378' (-1457) -5'
RTD	3391' (-1470)

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



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

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

September 22, 2011

Glenna Lowe  
Trans Pacific Oil Corporation  
100 S MAIN STE 200  
WICHITA, KS 67202-3735

Re: ACO1  
API 15-009-25565-00-00  
Demel 3-20  
NE/4 Sec.20-16S-12W  
Barton 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,  
Glenna Lowe

QUALITY WELL SERVICE INC

324 SIMPSON  
PRATT KS 67124

# Invoice

Date	Invoice #
6/27/2011	198

Bill To
TRANS PAC 100 S MAIN SUITE 200 WICHITA KS 67202

P.O. No.	Terms	Project
		<i>Demol 3</i>

Quantity	Description	Rate	Amount
210	COMMON	12.50	2,625.00T
4	GEL	20.00	80.00T
7	CALCIUM	45.00	315.00T
53	FLO-SEAL	2.00	106.00T
1	WOODEN PLUG	65.00	65.00T
221	HANDLING	2.10	464.10
3,900	.08 * SACKS * MILES	0.08	312.00
1	SFC 0-500'	600.00	600.00
25	PUMP TRUCK MILEAGE	8.00	200.00
957.3	DISCOUNT	-1.00	-957.30T
472.83	DISCOUNT	-1.00	-472.83
	DISCOUNT EXPIRES AFTER 30 DAYS FROM THE DATE OF THE INVOICE	0.00	0.00
	Sales Tax BARTON	7.30%	163.06

RECEIVED

BY \_\_\_\_\_

**Total** *106* \$3,500.03

# QUALITY WELL SERVICE, INC.

Federal Tax I.D. # 481187368

5194

Home Office 190th US 56 HWY, Ellinwood, KS 67526

Todd's Cell 620-388-5422  
Darin's Cell 785-445-2686

Rich's Cell 620-727-3409  
Brady's Cell 620-727-6964

Date	Sec.	Twp.	Range	County	State	On Location	Finish
1-24-11	20	11	12	Butler	KS		5:00 AM
Lease	Well No.		Location				
DEVEL	712		101st E to 60th				
Contractor	Owner						
Amesbury	Red U						
Type Job	To Quality Well Service, Inc.			You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size	T.D.						
12"	373						
Csg.	Depth		Charge To				
3 1/2"			TRAC'S INC				
Tbg. Size	Depth		Street				
Tool	Depth		City State				
Cement Left in Csg.	Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.				
20	22						
Meas Line	Displace		Cement Amount Ordered				
	23		20 x 1000				
<b>EQUIPMENT</b>							
Pumptrk	No.		Common				
5			20				
Bulktrk	No.		Poz. Mix				
7							
Bulktrk	No.		Gel.				
			4				
Pickup	No.		Calcium				
			7				
<b>JOB SERVICES &amp; REMARKS</b>							
Rat Hole			Hulls				
Mouse Hole			Salt				
Centralizers			Flowseal				
Baskets			Kol-Seal				
D/V or Port Collar			Mud CLR 48				
			CFL-117 or CD110 CAF 38				
			Sand				
			Handling				
			261				
			Mileage				
			23				
<b>FLOAT EQUIPMENT</b>							
			Guide Shoe				
			Centralizer				
			Baskets				
			AFU Inserts				
			Float Shoe				
			Latch Down				
			1 down plug				
			Pumptrk Charge				
			TRAC				
			Mileage				
			23				
Tax							
Discount							
Total Charge							
Signature							