

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1134817

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 # _____

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
- ☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer
- ☐ Commingled Permit #: _____
- ☐ Dual Completion Permit #: _____
- ☐ SWD Permit #: _____
- ☐ ENHR Permit #: _____
- ☐ GSW Permit #: _____

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

☐ Confidentiality Requested

Date: _____

☐ Confidential Release Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: _____ Date: _____



1134817

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

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 (Attach Additional Sheets)	☐ Yes ☐ No	☐ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☐ No	Name	Top	Datum
Cores Taken	☐ Yes ☐ No			
Electric Log Run	☐ Yes ☐ No			
List All E. Logs Run:				

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

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				

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

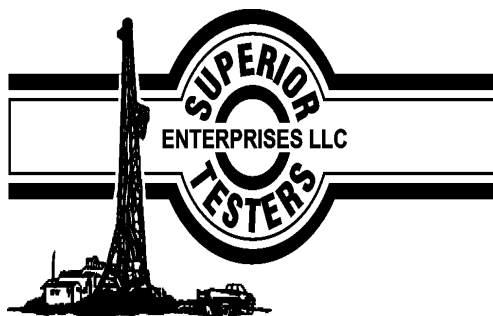
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 3)

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

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

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled (Submit ACO-5) ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corporation**

100 South Main STE. 200
Wichita Kansas, 67202-3735

ATTN: Beth Isern

Rufenacht "A" #32

32-17s-24w-Ness

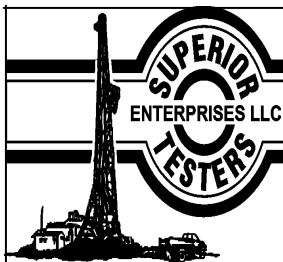
Start Date: 2013.03.26 @ 10:25:00

End Date: 2013.03.26 @ 19:18:00

Job Ticket #: 17562 DST #: 1

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

Printed: 2013.03.26 @ 19:42:14



DRILL STEM TEST REPORT

Trans Pacific Oil Corporation

32-17s-24w-Ness

100 South Main STE 200
Wichita Kansas, 67202-3735

Rufenacht "A" #32

Job Ticket: 17562

DST#: 1

ATTN: Beth Isern

Test Start: 2013.03.26 @ 10:25:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:44:30

Time Test Ended: 19:18:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 3330- 148 /Great

Interval: 4258.00 ft (KB) To 4359.00 ft (KB) (TVD)

Reference Elevations: 2402.00 ft (KB)

Total Depth: 4359.00 ft (KB) (TVD)

2393.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

Serial #: 8405 Inside

Press@RunDepth: 286.78 psia @ 4359.78 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.03.26

End Date:

2013.03.26

Last Calib.:

2013.03.26

Start Time: 10:25:00

End Time:

19:18:00

Time On Btm:

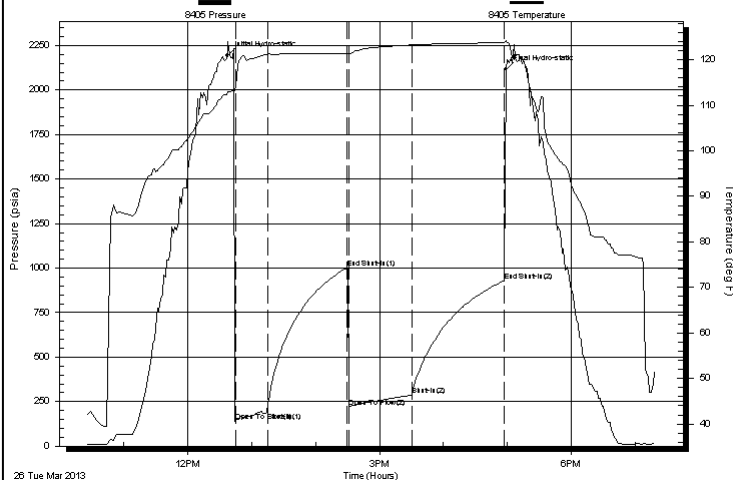
2013.03.26 @ 12:37:00

Time Off Btm:

2013.03.26 @ 16:58:30

TEST COMMENT: 1st Open/ 30 Minutes. Strong blow built to bottom of 5 gallon bucket in 3:30 minutes.
1st Shut In/ 60 Minutes. No Blow Back.
2nd Open/ 60 Minutes. Weak blow built to bottom of 5 gallon bucket in 25 minutes.
2nd Shut In/ 90 Minutes. No blow back.

Pressure vs. Time



PRESSURE SUMMARY

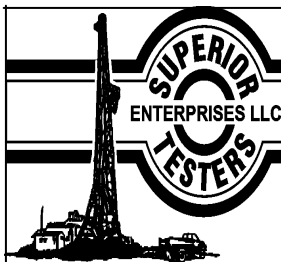
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2193.59	112.93	Initial Hydro-static
8	140.48	113.19	Open To Flow (1)
38	187.71	121.18	Shut-In(1)
112	998.67	121.45	End Shut-In(1)
115	219.15	121.22	Open To Flow (2)
174	286.78	123.24	Shut-In(2)
260	927.15	123.74	End Shut-In(2)
262	2116.14	124.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
290.00	oil cut mud	4.07
0.00	40% oil 60% mud	0.00
180.00	gassy oil cut mud	2.52
0.00	20% gas, 30% oil, 50% mud,	0.00
60.00	Oil cut mud	0.84
0.00	10% oil, 90% Mud.	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Trans Pacific Oil Corporation

32-17s-24w-Ness

100 South Main STE 200
Wichita Kansas, 67202-3735

Rufenacht "A" #32

Job Ticket: 17562

DST#: 1

ATTN: Beth Isern

Test Start: 2013.03.26 @ 10:25:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:44:30

Time Test Ended: 19:18:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 3330- 148 /Great

Interval: 4258.00 ft (KB) To 4359.00 ft (KB) (TVD)

Reference Elevations: 2402.00 ft (KB)

Total Depth: 4359.00 ft (KB) (TVD)

2393.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

Serial #: 8400 Outside

Press@RunDepth: 928.90 psia @ 4360.78 ft (KB)

Capacity: 8000.00 psia

Start Date: 2013.03.26

End Date:

2013.03.26

Last Calib.:

2013.03.26

Start Time: 10:25:00

End Time:

19:19:30

Time On Btm:

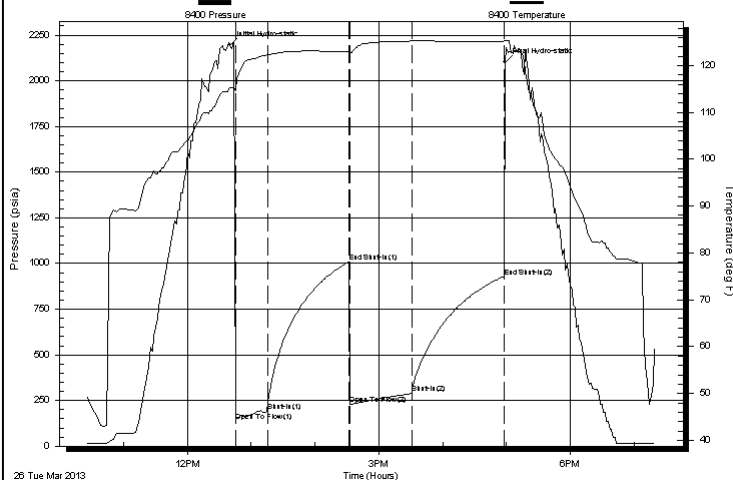
2013.03.26 @ 12:40:00

Time Off Btm:

2013.03.26 @ 16:58:30

TEST COMMENT: 1st Open/ 30 Minutes. Strong blow built to bottom of 5 gallon bucket in 3:30 minutes.
1st Shut In/ 60 Minutes. No Blow Back.
2nd Open/ 60 Minutes. Weak blow built to bottom of 5 gallon bucket in 25 minutes.
2nd Shut In/ 90 Minutes. No blow back.

Pressure vs. Time



PRESSURE SUMMARY

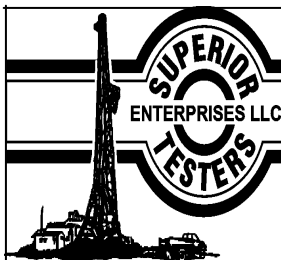
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2194.29	115.19	Initial Hydro-static
5	138.47	114.74	Open To Flow (1)
35	189.19	122.27	Shut-In(1)
112	1006.56	122.99	End Shut-In(1)
113	229.10	122.77	Open To Flow (2)
171	288.72	125.24	Shut-In(2)
258	928.90	125.06	End Shut-In(2)
259	2102.35	125.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
290.00	oil cut mud	4.07
0.00	40% oil 60% mud	0.00
180.00	gassy oil cut mud	2.52
0.00	20% gas, 30% oil, 50% mud,	0.00
60.00	Oil cut mud	0.84
0.00	10% oil, 90% Mud.	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil Corporation

32-17s-24w-Ness

100 South Main STE 200
Wichita Kansas, 67202-3735

Rufenacht "A" #32

Job Ticket: 17562

DST#: 1

ATTN: Beth Isern

Test Start: 2013.03.26 @ 10:25:00

Tool Information

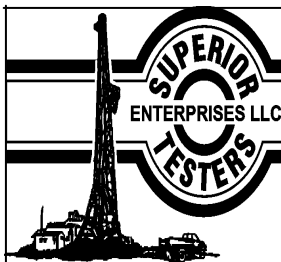
Drill Pipe:	Length:	4260.00 ft	Diameter:	3.80 inches	Volume:	59.76 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	52000.00 lb
					Total Volume:	59.76 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft							
Depth to Top Packer:	4258.00 ft							
Depth to Bottom Packer:	ft							
Interval between Packers:	105.78 ft							
Tool Length:	125.78 ft							
Number of Packers:	2		Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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SHut-InTool	5.00	Inside	4243.00	
Hydraulic Tool	5.00		4248.00	
Packer	5.00		4253.00	20.00 Bottom Of Top Packer
Packer	5.00		4258.00	
Anchor	10.00		4268.00	
Change Over Sub	0.75		4268.75	
Drill Pipe	62.28	Outside	4331.03	
Change Over Sub	0.75	Outside	4331.78	
Anchor	27.00		4358.78	
Recorder	1.00	8405 Inside	4359.78	
Recorder	1.00	8400 Outside	4360.78	
Bullnose	3.00		4363.78	105.78 Bottom Packers & Anchor

Total Tool Length: 125.78



DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pacific Oil Corporation

32-17s-24w-Ness

100 South Main STE 200
Wichita Kansas, 67202-3735

Rufenacht "A" #32

Job Ticket: 17562

DST#: 1

ATTN: Beth Isern

Test Start: 2013.03.26 @ 10:25:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 6.79 in³

Resistivity: ohm.m

Salinity: 4300.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psia

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
290.00	oil cut mud	4.068
0.00	40% oil 60% mud	0.000
180.00	gassy oil cut mud	2.525
0.00	20% gas, 30% oil, 50% mud,	0.000
60.00	Oil cut mud	0.842
0.00	10% oil, 90% Mud.	0.000

Total Length: 530.00 ft

Total Volume: 7.435 bbl

Num Fluid Samples: 0

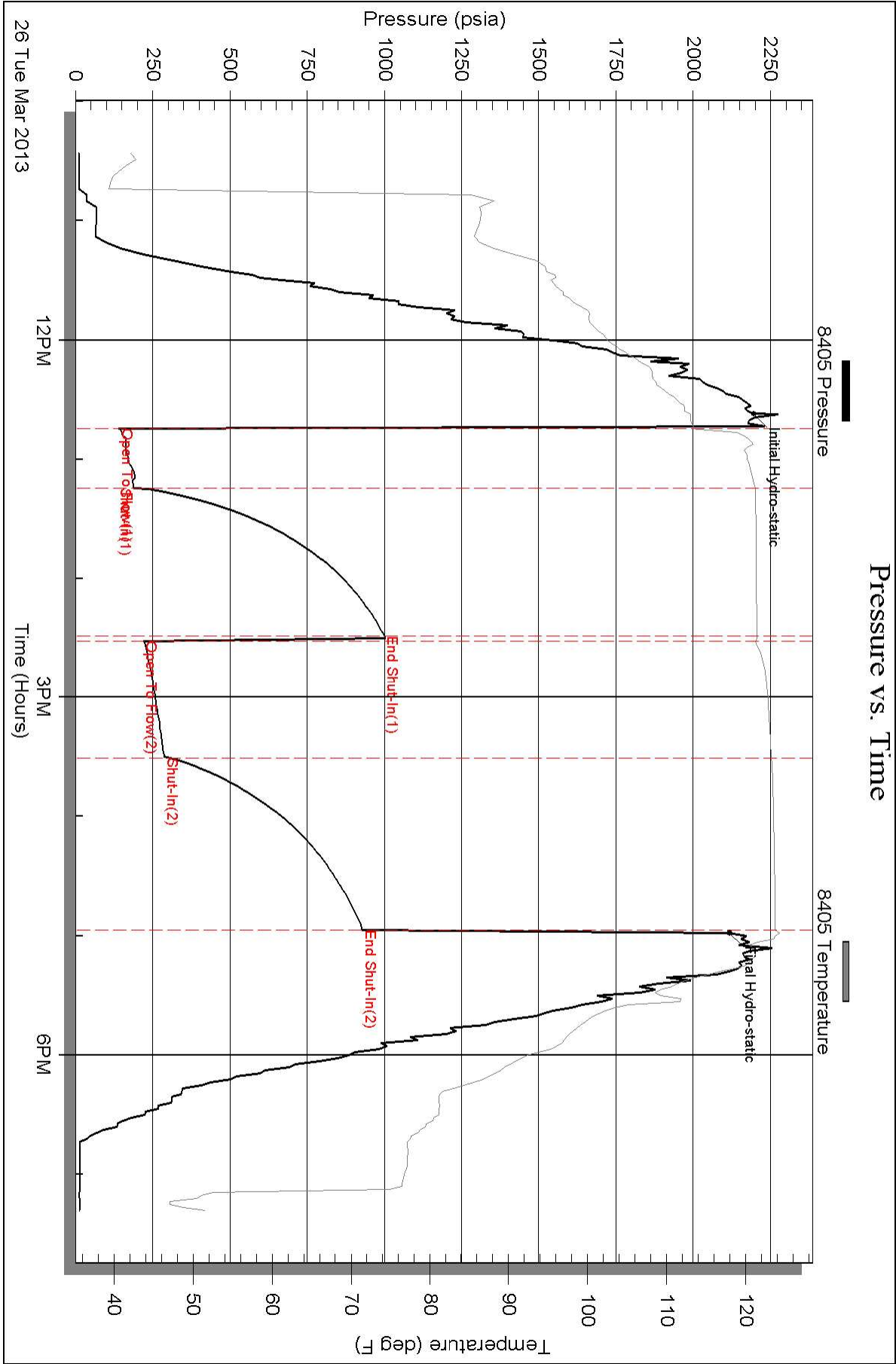
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

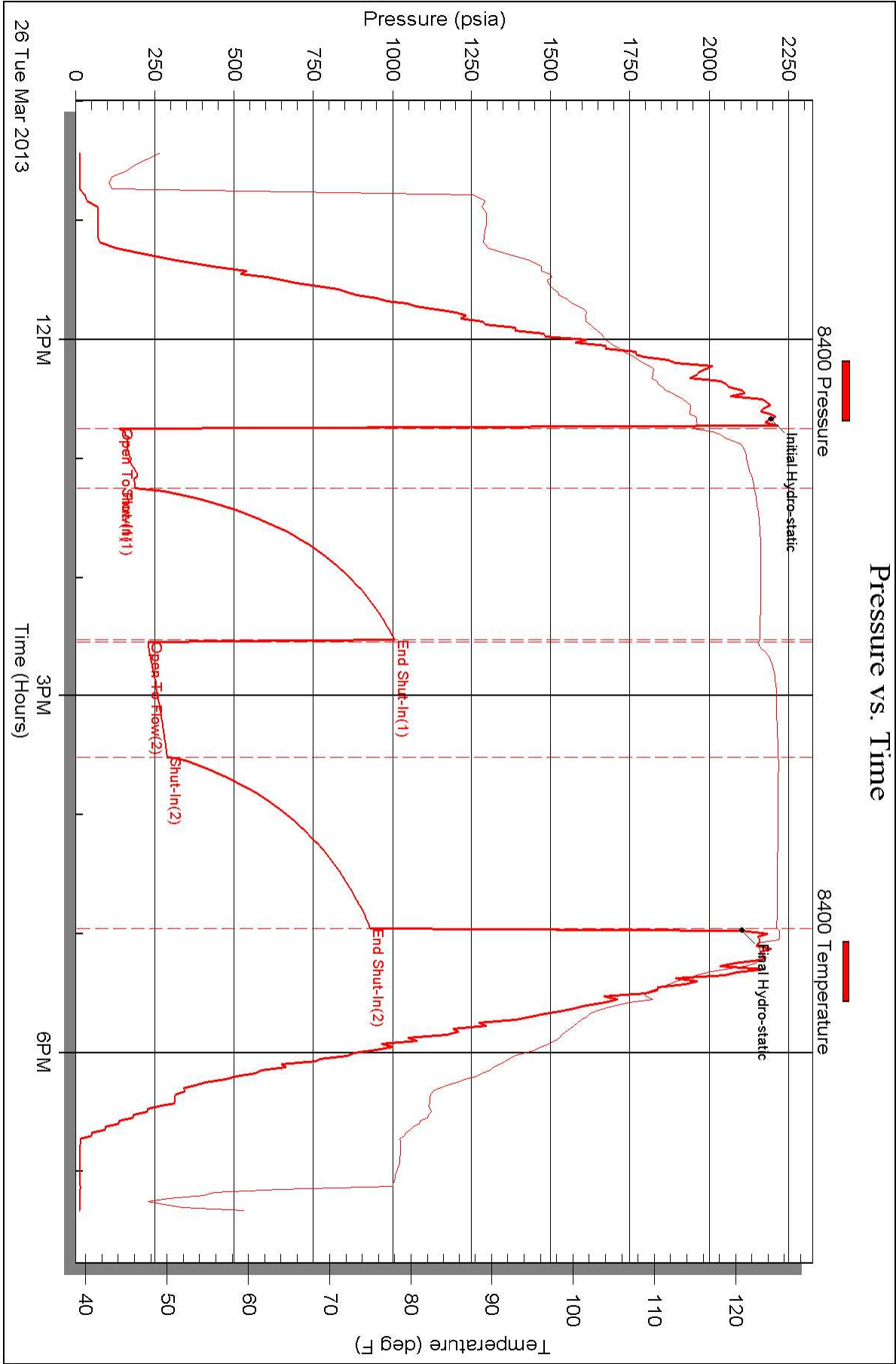


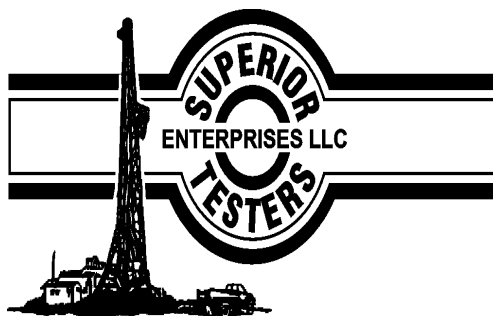
Serial #: 8400

Outside Trans Pacific Oil Corporation

Rufenacht "A" #32

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corporation**

100 South Main STE. 200
Wichita Kansas, 67202-3735

ATTN: Beth Isern

Rufenacht "A" #32

32-17s-24w-Ness

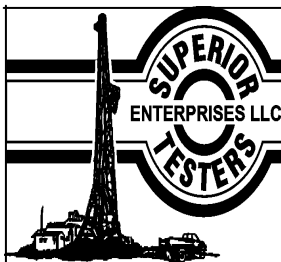
Start Date: 2013.03.27 @ 02:25:00

End Date: 2013.03.27 @ 11:00:00

Job Ticket #: 17563 DST #: 2

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

Printed: 2013.03.27 @ 11:44:27



DRILL STEM TEST REPORT

Trans Pacific Oil Corporation

32-17s-24w-Ness

100 South Main STE 200
Wichita Kansas, 67202-3735

Rufenacht "A" #32

Job Ticket: 17563

DST#: 2

ATTN: Beth Isern

Test Start: 2013.03.27 @ 02:25:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:32:30

Time Test Ended: 11:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 3330- 148/Great bend

Interval: 4262.00 ft (KB) To 4363.00 ft (KB) (TVD)

Reference Elevations: 2402.00 ft (KB)

Total Depth: 4363.00 ft (KB) (TVD)

2393.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

Serial #: 8405 Inside

Press@RunDepth: 281.52 psia @ 4359.78 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.03.27

End Date:

2013.03.27

Last Calib.:

2013.03.27

Start Time: 02:25:00

End Time:

11:00:00

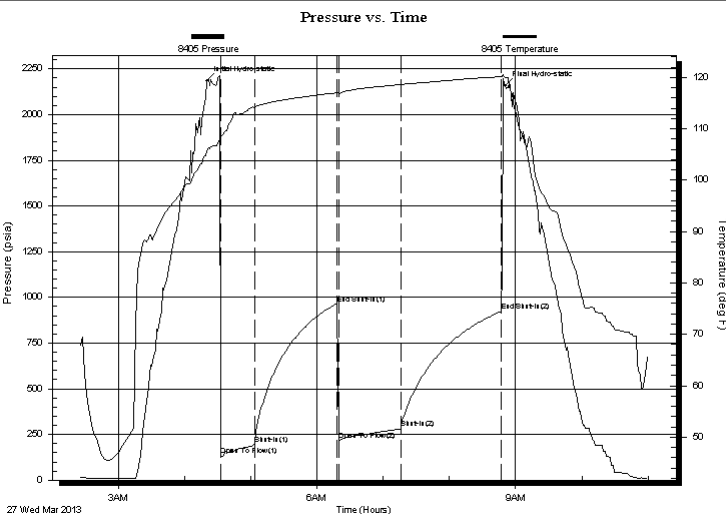
Time On Btm:

2013.03.27 @ 04:20:30

Time Off Btm:

2013.03.27 @ 08:50:30

TEST COMMENT: 1st Open/ 30 Minutes. Good blow built to bottom of 5 gallon bucket in 3 minutes and 50 seconds.
1st Shut In/ 75 Minutes. No Blow Back.
2nd Open/ 60 Minutes. Fair blow built to bottom of 5 gallon bucket in 19 1/2 minutes.
2nd Shut In/ 90 Minutes. No Blow Back.



PRESSURE SUMMARY

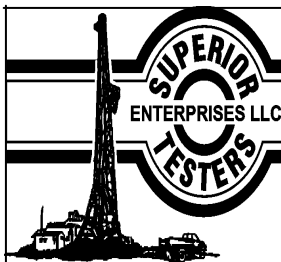
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2184.32	105.47	Initial Hydro-static
12	135.67	108.38	Open To Flow (1)
43	196.80	114.30	Shut-In(1)
118	963.79	117.01	End Shut-In(1)
119	218.03	116.77	Open To Flow (2)
176	281.52	118.63	Shut-In(2)
267	923.82	120.14	End Shut-In(2)
270	2156.64	120.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	Oil cut mud	1.74
0.00	20% oil, 80% mud	0.00
62.00	oil cut mud	0.87
0.00	25% oil, 75% mud	0.00
186.00	oil cut mud	2.61
0.00	40% oil, 60% mud	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Trans Pacific Oil Corporation

32-17s-24w-Ness

100 South Main STE 200
Wichita Kansas, 67202-3735

Rufenacht "A" #32

Job Ticket: 17563

DST#: 2

ATTN: Beth Isern

Test Start: 2013.03.27 @ 02:25:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:32:30

Time Test Ended: 11:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 3330- 148/Great bend

Interval: 4262.00 ft (KB) To 4363.00 ft (KB) (TVD)

Reference Elevations: 2402.00 ft (KB)

Total Depth: 4363.00 ft (KB) (TVD)

2393.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

Serial #: 8400 Outside

Press@RunDepth: 925.34 psia @ 4360.78 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.03.27

End Date:

2013.03.27

Last Calib.:

2013.03.27

Start Time: 02:25:27

End Time:

11:01:57

Time On Btm:

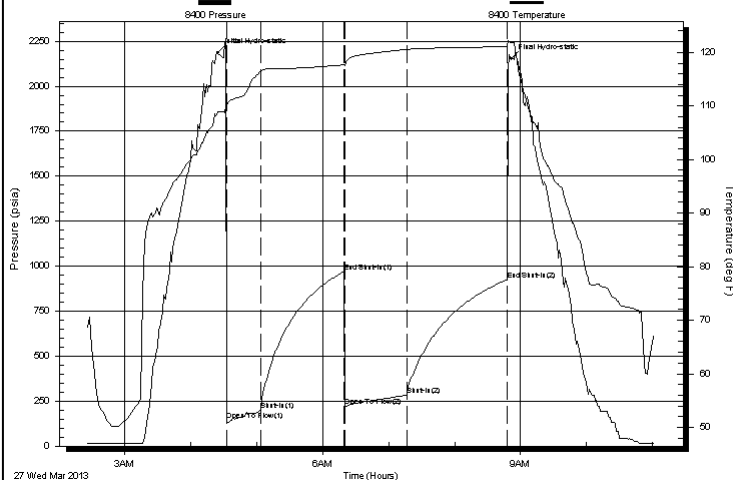
2013.03.27 @ 04:24:57

Time Off Btm:

2013.03.27 @ 08:51:27

TEST COMMENT: 1st Open/ 30 Minutes. Good blow built to bottom of 5 gallon bucket in 3 minutes and 50 seconds.
1st Shut In/ 75 Minutes. No Blow Back.
2nd Open/ 60 Minutes. Fair blow built to bottom of 5 gallon bucket in 19 1/2 minutes.
2nd Shut In/ 90 Minutes. No Blow Back.

Pressure vs. Time



PRESSURE SUMMARY

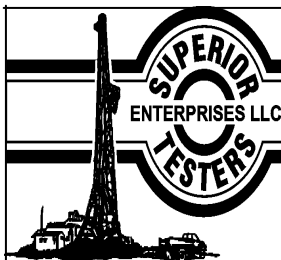
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2185.72	108.95	Initial Hydro-static
8	142.28	110.06	Open To Flow (1)
39	198.87	116.48	Shut-In(1)
114	968.47	117.67	End Shut-In(1)
115	221.39	117.54	Open To Flow (2)
173	283.39	120.54	Shut-In(2)
263	925.34	121.12	End Shut-In(2)
267	2154.12	121.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	Oil cut mud	1.74
0.00	20% oil, 80% mud	0.00
62.00	oil cut mud	0.87
0.00	25% oil, 75% mud	0.00
186.00	oil cut mud	2.61
0.00	40% oil, 60% mud	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil Corporation

32-17s-24w-Ness

100 South Main STE 200
Wichita Kansas, 67202-3735

Rufenacht "A" #32

Job Ticket: 17563

DST#: 2

ATTN: Beth Isern

Test Start: 2013.03.27 @ 02:25:00

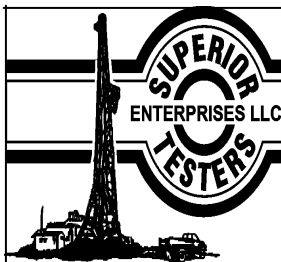
Tool Information

Drill Pipe:	Length:	4262.00 ft	Diameter:	3.80 inches	Volume:	59.78 bbl	Tool Weight:	2000.00 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:	62000.00 lb
					Total Volume:	59.78 bbl	Tool Chased	2.00 ft
Drill Pipe Above KB:		20.00 ft					String Weight: Initial	46000.00 lb
Depth to Top Packer:		4262.00 ft					Final	50000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		101.78 ft						
Tool Length:		121.78 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

SHut-InTool	5.00		Inside	4247.00	
Hydraulic Tool	5.00			4252.00	
Packer	5.00			4257.00	20.00 Bottom Of Top Packer
Packer	5.00			4262.00	
Anchor	10.00			4272.00	
Change Over Sub	0.75			4272.75	
Drill Pipe	62.28		Outside	4335.03	
Change Over Sub	0.75		Outside	4335.78	
Anchor	23.00			4358.78	
Recorder	1.00	8405	Inside	4359.78	
Recorder	1.00	8400	Outside	4360.78	
Bullnose	3.00			4363.78	101.78 Bottom Packers & Anchor

Total Tool Length: 121.78



DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pacific Oil Corporation

32-17s-24w-Ness

100 South Main STE 200
Wichita Kansas, 67202-3735

Rufenacht "A" #32

Job Ticket: 17563

DST#: 2

ATTN: Beth Isern

Test Start: 2013.03.27 @ 02:25:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 6.80 in³

Resistivity: ohm.m

Salinity: 4300.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psia

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	Oil cut mud	1.739
0.00	20% oil, 80% mud	0.000
62.00	oil cut mud	0.870
0.00	25% oil, 75% mud	0.000
186.00	oil cut mud	2.609
0.00	40% oil, 60% mud	0.000
62.00	oil cut mud	0.870
0.00	50% oil, 50% mud	0.000
62.00	oil, water, cut mud	0.870
0.00	10% oil, 25% water, 65% mud	0.000
0.00	Chloride recov. 12000 ppm	0.000

Total Length: 496.00 ft

Total Volume: 6.958 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

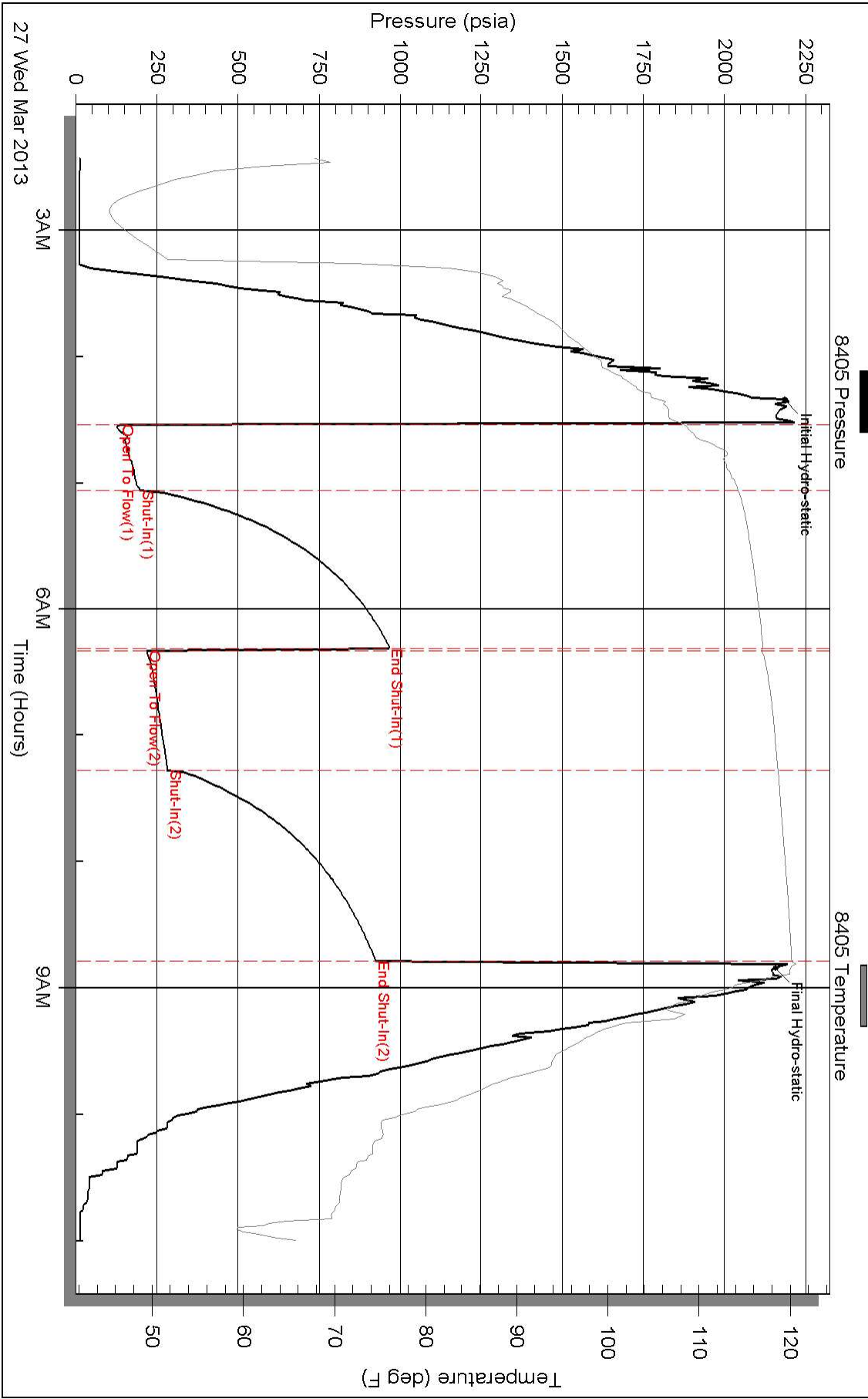
Serial #:

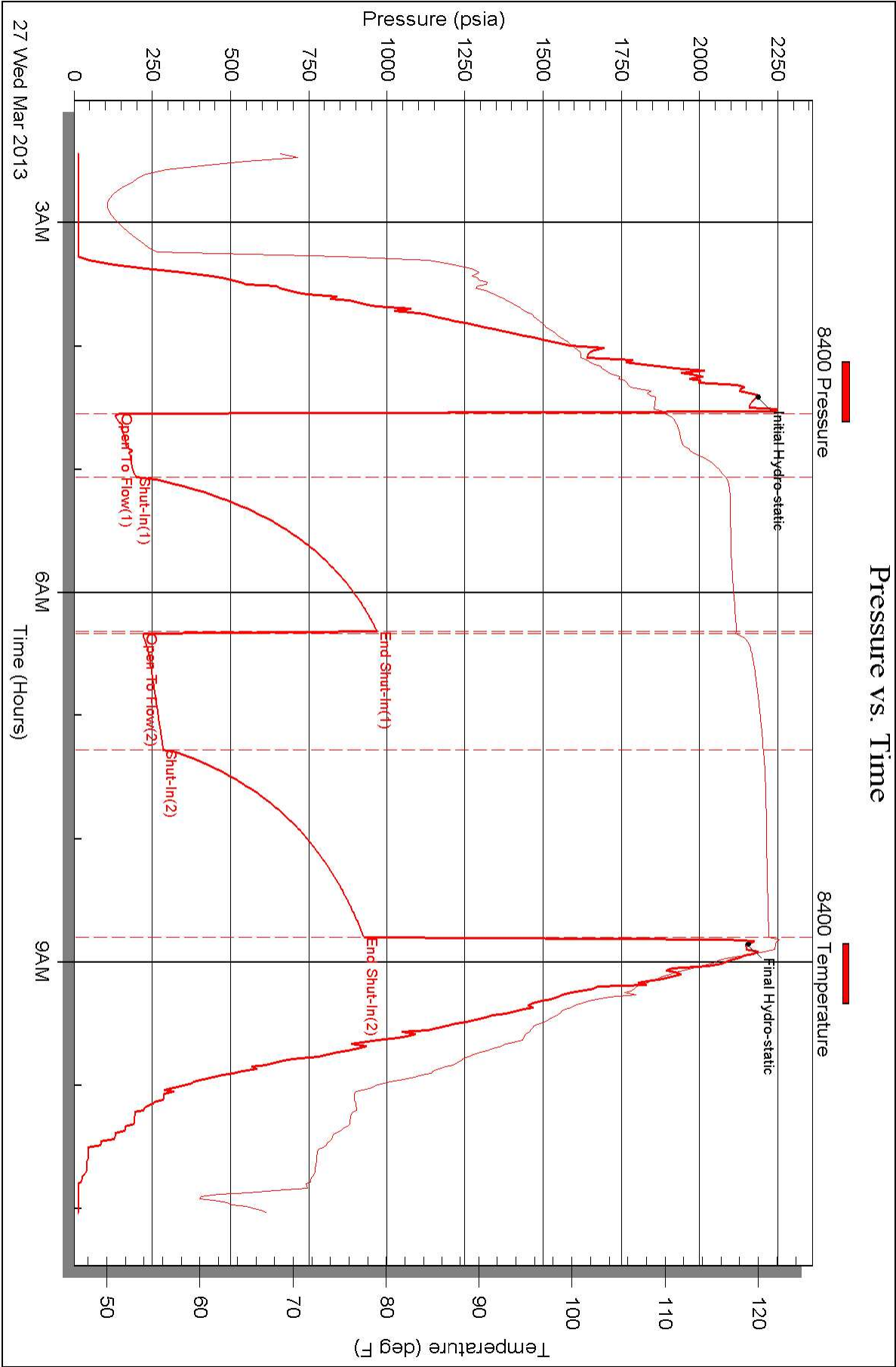
Laboratory Name:

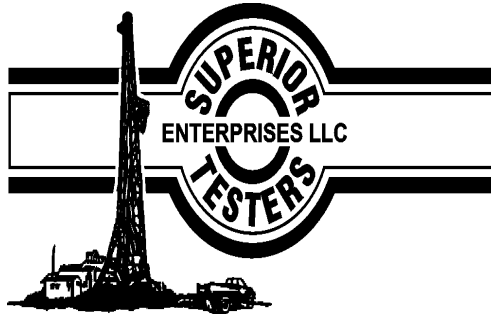
Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corporation**

100 South Main STE. 200
Wichita Kansas, 67202-3735

ATTN: Beth Isern

Rufenacht "A" #32

32-17s-24w-Ness

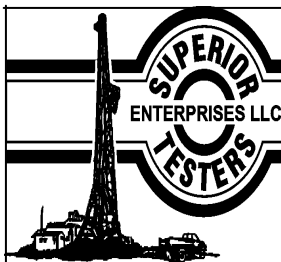
Start Date: 2013.03.28 @ 07:35:00

End Date: 2013.03.28 @ 17:33:30

Job Ticket #: 17564 DST #: 3

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

Printed: 2013.03.28 @ 06:04:00



DRILL STEM TEST REPORT

Trans Pacific Oil Corporation

32-17s-24w-Ness

100 South Main STE 200
Wichita Kansas, 67202-3735

Rufenacht "A" #32

Job Ticket: 17564

DST#: 3

ATTN: Beth Isern

Test Start: 2013.03.28 @ 07:35:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:59:00

Time Test Ended: 17:33:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 3330-148/ Great Bend

Interval: 4352.00 ft (KB) To 4369.00 ft (KB) (TVD)

Reference Elevations: 2402.00 ft (KB)

Total Depth: 4369.00 ft (KB) (TVD)

2393.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

Serial #: 8405 Inside

Press@RunDepth: 232.87 psia @ 4365.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.03.28

End Date:

2013.03.28

Last Calib.:

2013.03.28

Start Time: 07:35:00

End Time:

17:33:30

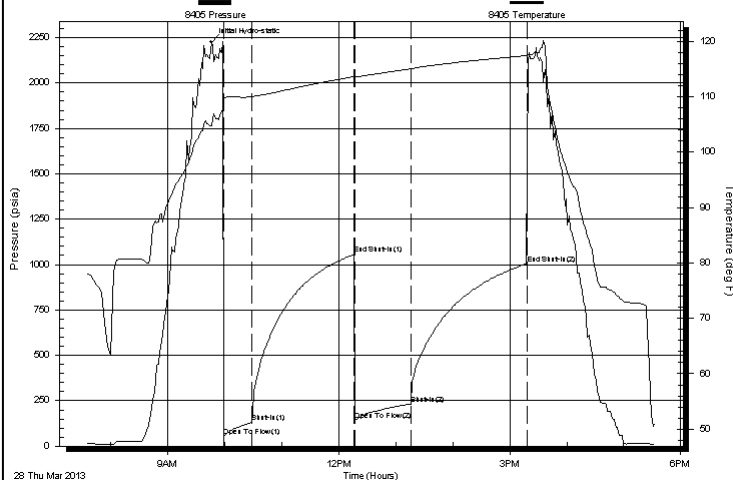
Time On Btm:

2013.03.28 @ 09:46:00

Time Off Btm:

TEST COMMENT: 1st Open/ 30 Minutes. Good blow built to bottom of 5 gallon bucket in 7 minutes.
1st Shut In/ 105 Minutes. No blow back.
2nd Open/ 60 Minutes.. Fair blow built to bottom of 5 gallon bucket in 19 minutes.
2nd Shut In/ 120 Minutes. No blow back.

Pressure vs. Time



PRESSURE SUMMARY

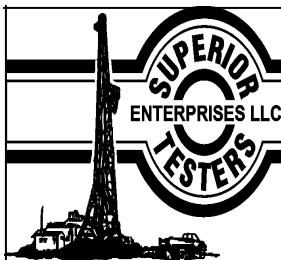
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2225.33	104.71	Initial Hydro-static
13	53.64	109.37	Open To Flow (1)
43	129.94	109.97	Shut-In(1)
151	1056.30	113.62	End Shut-In(1)
151	141.75	113.45	Open To Flow (2)
210	232.87	115.02	Shut-In(2)
332	1004.24	117.38	End Shut-In(2)

Recovery

Length (ft)	Description	Volume (bbl)
0.00	434 feet gas	0.00
107.00	Clean Oil	1.50
62.00	Oil cut w ater	0.87
0.00	50% Oil, 50% Water	0.00
248.00	100% w ater	3.48
0.00	Chloride recov, 20000 ppm	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Trans Pacific Oil Corporation

32-17s-24w-Ness

100 South Main STE 200
Wichita Kansas, 67202-3735

Rufenacht "A" #32

Job Ticket: 17564

DST#: 3

ATTN: Beth Isern

Test Start: 2013.03.28 @ 07:35:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:59:00

Time Test Ended: 17:33:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 3330-148/ Great Bend

Interval: 4352.00 ft (KB) To 4369.00 ft (KB) (TVD)

Reference Elevations: 2402.00 ft (KB)

Total Depth: 4369.00 ft (KB) (TVD)

2393.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

Serial #: 8400 Outside

Press@RunDepth: 999.44 psia @ 4366.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.03.28

End Date:

2013.03.28

Last Calib.:

2013.03.28

Start Time: 07:35:00

End Time:

17:34:00

Time On Btm:

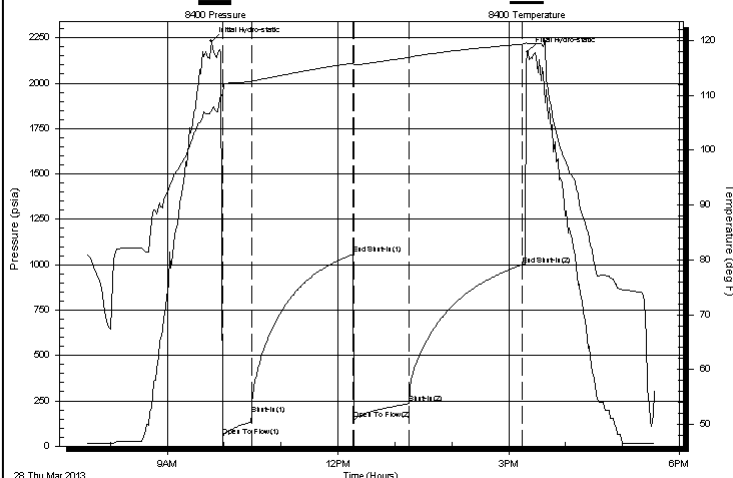
2013.03.28 @ 09:46:30

Time Off Btm:

2013.03.28 @ 15:20:00

TEST COMMENT: 1st Open/ 30 Minutes. Good blow built to bottom of 5 gallon bucket in 7 minutes.
1st Shut In/ 105 Minutes. No blow back.
2nd Open/ 60 Minutes.. Fair blow built to bottom of 5 gallon bucket in 19 minutes.
2nd Shut In/ 120 Minutes. No blow back.

Pressure vs. Time



PRESSURE SUMMARY

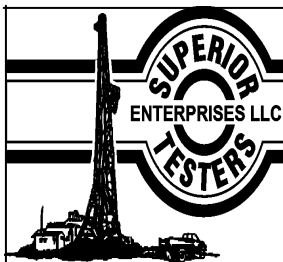
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2231.32	106.99	Initial Hydro-static
12	56.42	110.36	Open To Flow (1)
43	173.87	112.55	Shut-In(1)
150	1056.88	115.91	End Shut-In(1)
151	145.37	115.59	Open To Flow (2)
209	234.24	116.90	Shut-In(2)
329	999.44	119.34	End Shut-In(2)
334	2172.80	119.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	434 feet gas	0.00
107.00	Clean Oil	1.50
62.00	Oil cut w ater	0.87
0.00	50% Oil, 50% Water	0.00
248.00	100% w ater	3.48
0.00	Chloride recov, 20000 ppm	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil Corporation

32-17s-24w-Ness

100 South Main STE 200
Wichita Kansas, 67202-3735

Rufenacht "A" #32

Job Ticket: 17564

DST#: 3

ATTN: Beth Isern

Test Start: 2013.03.28 @ 07:35:00

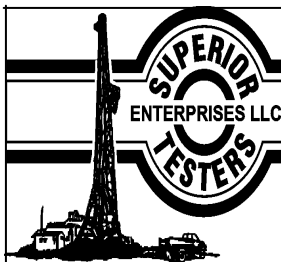
Tool Information

Drill Pipe:	Length:	4354.00 ft	Diameter:	3.80 inches	Volume:	61.08 bbl	Tool Weight:	2000.00 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:	53000.00 lb
					Total Volume:	61.08 bbl	Tool Chased	2.00 ft
Drill Pipe Above KB:		22.00 ft					String Weight: Initial	48000.00 lb
Depth to Top Packer:		4352.00 ft					Final	50000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		17.00 ft						
Tool Length:		37.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

SHut-InTool	5.00		Inside	4337.00	
Hydraulic Tool	5.00			4342.00	
Packer	5.00			4347.00	20.00 Bottom Of Top Packer
Packer	5.00			4352.00	
Anchor	12.00			4364.00	
Recorder	1.00	8405	Inside	4365.00	
Recorder	1.00	8400	Outside	4366.00	
Bullnose	3.00			4369.00	17.00 Bottom Packers & Anchor

Total Tool Length: 37.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pacific Oil Corporation

32-17s-24w-Ness

100 South Main STE 200
Wichita Kansas, 67202-3735

Rufenacht "A" #32

Job Ticket: 17564

DST#: 3

ATTN: Beth Isern

Test Start: 2013.03.28 @ 07:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 42.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psia

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	434 feet gas	0.000
107.00	Clean Oil	1.501
62.00	Oil cut w water	0.870
0.00	50% Oil, 50% Water	0.000
248.00	100% w water	3.479
0.00	Chloride recov, 20000 ppm	0.000
0.00	Resist recov. .15 ohmsat 45 degrees	0.000

Total Length: 417.00 ft

Total Volume: 5.850 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8405

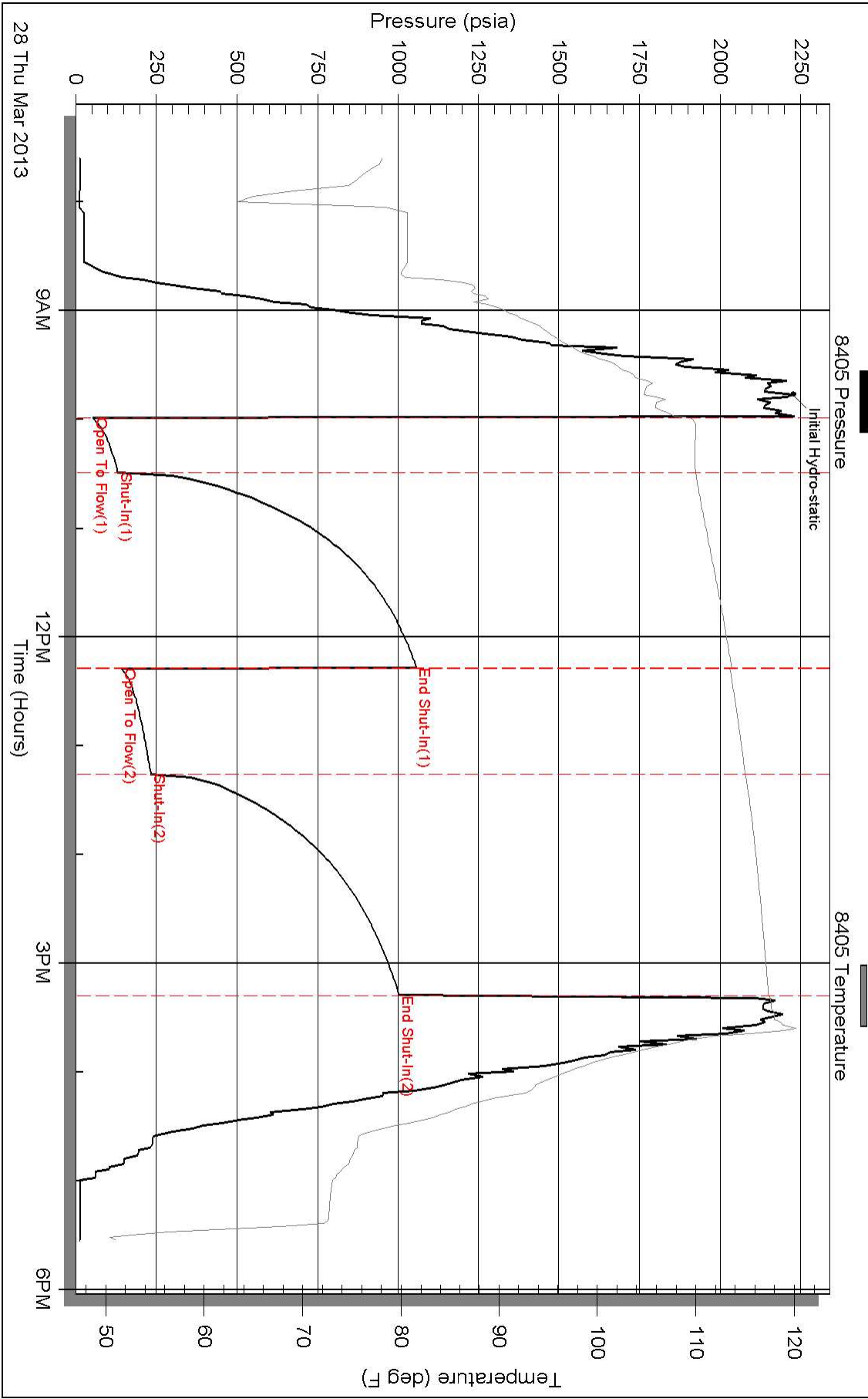
Inside

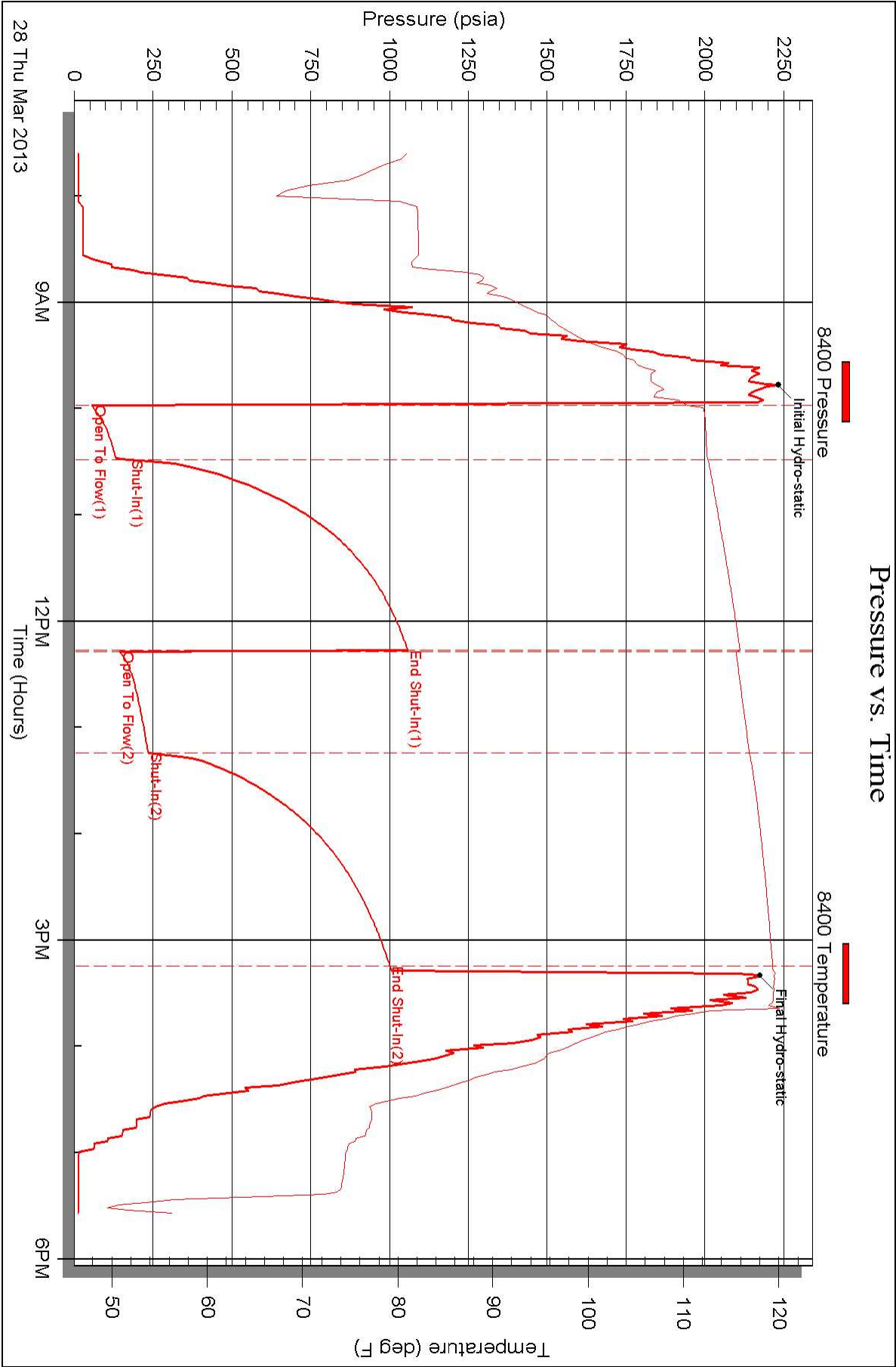
Trans Pacific Oil Corporation

Rufenacht "A" #32

DST Test Number: 3

Pressure vs. Time



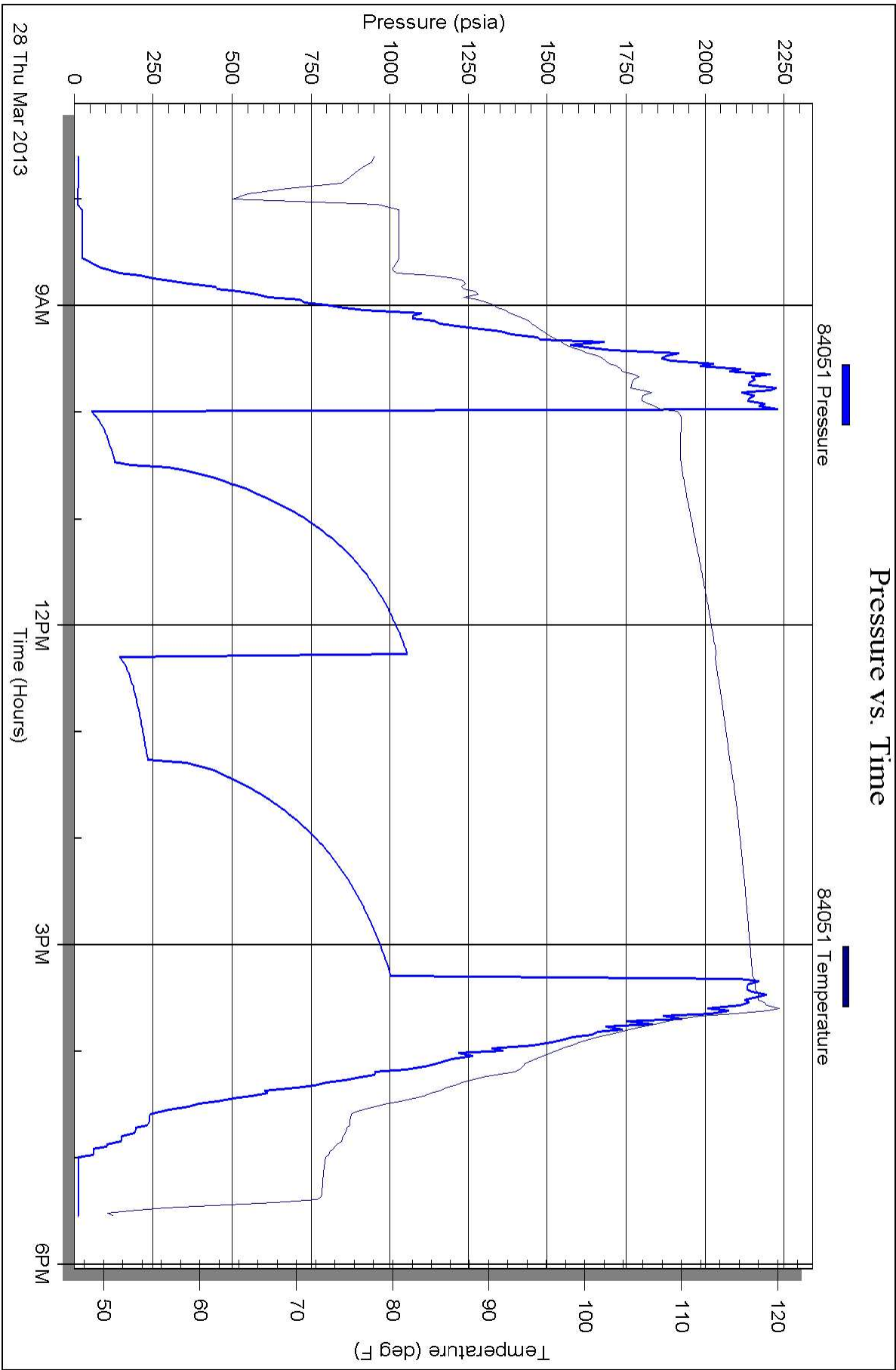


Serial #: 84051

Trans Pacific Oil Corporation

Rufenacht "A" #32

DST Test Number: 3



ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Great Bend, KS

DATE <u>3-20-13</u>	SEC. <u>32</u>	TWP. <u>17S</u>	RANGE <u>24W</u>	CALLED OUT <u>4:30 PM</u>	ON LOCATION <u>7:00 PM</u>	JOB START <u>8:45 PM</u>	JOB FINISH <u>1:45 PM</u>
Rufenecht LEASE # <u>unit</u>	WELL # <u>32</u>	Ness City W 4m to Nrd. 5M 14 LOCATION North into location (76m)			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Duke 4
TYPE OF JOB Surface casing
HOLE SIZE 12 1/4" T.D. 226 ft
CASING SIZE 8 5/8" 23# DEPTH 214.08 ft
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 20 ft
CEMENT LEFT IN CSG. 20 ft, 1,272 lbs, 5.35x
PERFS.
DISPLACEMENT 13631 Fresh Water

EQUIPMENT

PUMP TRUCK CEMENTER Charles E. Kline
366 HELPER Wayne Davis
BULK TRUCK
341 DRIVER Joel Monahan
BULK TRUCK
DRIVER

REMARKS:

Pump 56bls Fresh Water
Mix + Pump 366bls Cement (150sx)
Drop plug
Displace with 136bls Fresh Water
Leave 20 ft, 1,272 lbs, 5.35x Cement in casing
Circulate 56bls, 21sx Cement to surface

CHARGE TO: Trans Pacific
STREET _____
CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, 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 Rich Wheeler
SIGNATURE Rich Wheeler

OWNER Trans Pacific

CEMENT
AMOUNT ORDERED 150sx "A" + 3% Cool
+ 2% Gel

COMMON	<u>150</u>	@	<u>17.99</u>	<u>2698.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>23.40</u>	<u>70.20</u>
CHLORIDE	<u>5</u>	@	<u>64.00</u>	<u>320.00</u>
ASC		@		

HANDLING	<u>162.09</u>	@	<u>2.48</u>	<u>401.98</u>
MILEAGE	<u>7.4x 10</u>	@	<u>2.60</u>	<u>192.40</u>
TOTAL <u>3669.58</u>				

SERVICE

DEPTH OF JOB	<u>214</u>		
PUMP TRUCK CHARGE			<u>1512.25</u>
EXTRA FOOTAGE		@	
MILEAGE		@	
MANIFOLD		@	
	<u>HVM 10</u>	@	<u>7.70</u>
	<u>LVM 10</u>	@	<u>4.40</u>

TOTAL 1633.25

PLUG & FLOAT EQUIPMENT

<u>8 5/8" Wooden Plug</u>	@	<u>107.64</u>	<u>107.64</u>
	@		
	@		
	@		

TOTAL 107.64

SALES TAX (If Any) _____
TOTAL CHARGES 5410.42
DISCOUNT -1352.62 IF PAID IN 30 DAYS
4057.80

RECEIVED
APR 01 2013

BY: _____

ALLIED OIL & GAS SERVICES, LLC 033027

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Great Bend, KS

DATE <u>3-29-13</u>	SEC <u>32</u>	TWP <u>17S</u>	RANGE <u>24W</u>	CALLED OUT	ON LOCATION <u>7:00 AM</u>	JOB START <u>10:30</u>	JOB FINISH <u>7:00</u>
LEASE <u>Rufengch</u>	WELL # <u>1-32</u>	LOCATION <u>Noss City W to NRD</u>			COUNTY <u>Noss</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>5M 1W N/A to</u>			

CONTRACTOR Duke Drilling #4

TYPE OF JOB Rotary Plug

HOLE SIZE 5 1/4 T.D.

CASING SIZE 5 1/4 DEPTH

TUBING SIZE 4 1/2 DEPTH

DRILL PIPE 4 1/2 DEPTH 1650

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. A11

PERFS.

DISPLACEMENT Fresh water

EQUIPMENT

PUMP TRUCK CEMENTER Delfra Chambers

3948 HELPER Do Sh 1309C

BULK TRUCK

609-112 DRIVER Mike Scottorn

BULK TRUCK

DRIVER

REMARKS:

Fill hole with bitum

1 1650-50 SKS

2 930-80 SKS

3 450-50 SKS

4 270-50 SKS

5 60-255 SKS

6 R4-30 SKS

plug down 6:15 AM

CHARGE TO: Trans Pacific Oil

STREET

CITY STATE ZIP

To: Allied Oil & Gas Services, 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 Rich Wheeler

SIGNATURE X Rich Wheeler

Thank You!!

OWNER

CEMENT

AMOUNT ORDERED 280 SKS Class A

404.022 41.40 16.50

COMMON	<u>168</u>	@	<u>17.90</u>	<u>3.007.20</u>
POZMIX	<u>112</u>	@	<u>9.35</u>	<u>1.047.20</u>
GEL	<u>10</u>	@	<u>23.40</u>	<u>234.00</u>
CHLORIDE		@		
ASC		@		
<u>#10 steel</u>	<u>70</u>	@	<u>2.97</u>	<u>207.90</u>
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>301.82</u>	@	<u>2.48</u>	<u>747.28</u>
MILEAGE	<u>12.57 x 10.8</u>	@	<u>2.60</u>	<u>326.25</u>
TOTAL				<u>5.570.54</u>

SERVICE

DEPTH OF JOB 1680

PUMP TRUCK CHARGE 2249.84

EXTRA FOOTAGE @

MILEAGE from 10 @ 7.70 77.00

MANIFOLD @

6.00 10 @ 4.40 44.00

TOTAL 2.370.84

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

SALES TAX (If Any)

TOTAL CHARGES 7.941.38

DISCOUNT 1.985.34

IF PAID IN 30 DAYS

5.956.03

RECEIVED
APR 08 2013

BY: _____

Trans Pacific Oil Corp.
100 S. Main, Suite 200
Wichita, KS 67202

Well: Rufenacht A Unit 1-32 **STR:** 32-17S-24W **Cty:** Ness **State:** KS

Log Tops:

Anhydrite	1656' (+ 717) - 3'
B/Anhydrite	1689' (+ 684) - 2'
Heebner	3712' (-1339) + 5'
Lansing	3754' (-1381) + 6'
Stark	3992' (-1619) +12'
BKC	4049' (-1676) +10'
Pawnee	4172' (-1799) + 7'
Ft. Scott	4251' (-1878) +10'
Cherokee Shale	4276' (-1903) + 9'
Mississippi	4336' (-1963) +11'
RTD	4470' (-2097)

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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

April 19, 2013

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

Re: ACO1
API 15-135-25559-00-00
RUFENACHT 'A' UNIT 1-32
SW/4 Sec.32-17S-24W
Ness 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