



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1161365
OIL & GAS CONSERVATION DIVISION

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
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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

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: _____



1161365

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 <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 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 <i>(Explain)</i> _____
-------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Trans Pacific Oil Corp.	Well Name	Butler-Bealor Unit 'A' #1-6
Well Operator	Trans Pacific Oil Corp.	Unique Well ID	DST #1 Lansing 'B' 4116'-4145'
Contact	Bryce Bidleman	Surface Location	Sec 6-25s-20w-Edwards Co.-KS
Site Contact	Brad Rine	Test Unit	#5
Field	Wildcat	Pool	NA
Well Type	Vertical	Job Number	F175
Prepared By	Jake Fahrenbruch	Qualified By	Brad Rine

Test Information

Test Type	Bottom-Hole (no J&J)	Test Purpose	Initial Test
Formation	Lansing 'B' 4116'-4145'	Gauge Name	0062
Start Test Date	2013/09/21	Start Test Time	00:02:00
Final Test Date	2013/09/21	Final Test Time	09:05:00

Test Results

30 minute initial flow period:	Strong blow, B.O.B. 7.5 minutes.
75 minute initial shut-in period:	Surface blowback, died in 20 minutes.
60 minute final flow period:	Strong blow, B.O.B. 10.5 minutes.
90 minute final shut-in period:	No blowback.

Recovered:

140' MCW 73% W, 27% M
 830' Salt Water 100% W

 Total Recovered Fluid: 970'

 Chlorides: 75,000 PPM

 RW: .12 ohm @ 70 Deg F

 PH: 7.5

 Bottom-Hole Temp: 126 Deg F

 *****SCUM OF OIL IN TOOL*****

Pressures:

IHP: 1986
 IFP: 19 - 205
 ISIP: 1322
 FFP: 207 - 483
 FSIP: 1303
 FHP: 1986

Thanks!



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BBUNITA1DST1

TIME ON: on loc. 10:15pm/batt. on 12:02am
TIME OFF: 9:05 am

Company Trans Pacific Oil Corp. Lease & Well No. Butler-Bealor Unit 'A' #1-6
Contractor Duke Drilling Rig #1 Charge to Trans Pacific Oil Corp.
Elevation 2262' KB Formation Lansing 'B' Effective Pay _____ Ft. Ticket No. F175
Date 9-21-13 Sec. 6 Twp. 25 S Range 20 W County Edwards State KANSAS
Test Approved By Brad Rine Diamond Representative Jake Fahrenbruch

Formation Test No. ONE Interval Tested from 4116 ft. to 4145 ft. Total Depth 4145 ft.
Packer Depth 4111 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4116 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4097 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4120 ft. Recorder Number 5951 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 52 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.0 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 12000 P.P.M. Drill Pipe Length 4091 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 29 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Strong blow, B.O.B 7.5 minutes. Surface blowback, died in 20 minutes.
2nd Open: Strong blow, B.O.B. 10.5 minutes. No blowback.

Recovered 140 ft. of MCW 73% W, 27% M
Recovered 830 ft. of Salt Water 100% W
Recovered _____ ft. of Total Recovered Fluid: 970'
Recovered _____ ft. of Chlorides: 75,000 PPM

Recovered _____ ft. of <u>RW: .12 ohm @ 70 Deg F</u>	Price Job
Recovered _____ ft. of <u>PH: 7.5</u>	Other Charges
Remarks: <u>*****SCUM OF OIL IN TOOL *****</u>	Insurance
	Total

Time Set Packer(s) 2:32 AM A.M. P.M. Time Started Off Bottom 6:47 AM A.M. P.M. Maximum Temperature 126 Deg F

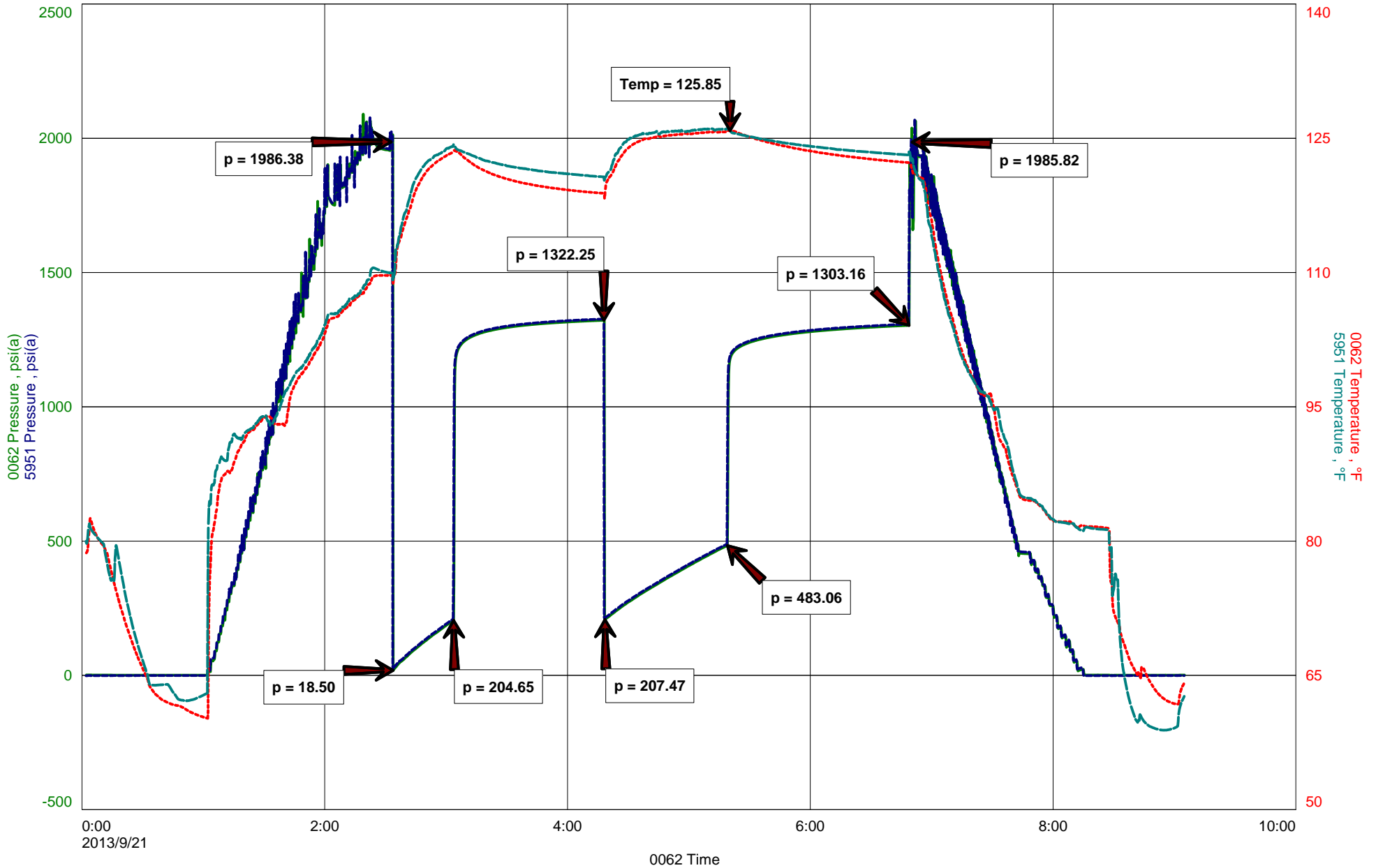
Initial Hydrostatic Pressure..... (A) 1986 P.S.I.
Initial Flow Period..... Minutes 30 (B) 19 P.S.I. to (C) 205 P.S.I.
Initial Closed In Period..... Minutes 75 (D) 1322 P.S.I.
Final Flow Period..... Minutes 60 (E) 207 P.S.I. to (F) 483 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1303 P.S.I.
Final Hydrostatic Pressure..... (H) 1986 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Trans Pacific Oil Corp.
DST #1 Lansing 'B' 4116'-4145'
Start Test Date: 2013/09/21
Final Test Date: 2013/09/21

Butler-Bealor Unit 'A' #1-6
Formation: Lansing 'B' 4116'-4145'
Pool: NA
Job Number: F175

Butler-Bealor Unit 'A' #1-6





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Trans Pacific Oil Corp	Well Name	Butler-Bealor Unit 'A' #1-6
Well Operator	Trans Pacific Oil Corp	Unique Well ID	DST #2 Mississippian 4658'-4706'
Contact	Bryce Bidleman	Surface Location	Sec 6-25s-20w-Edwards Co.-KS
Site Contact	Brad Rine	Test Unit	#5
Field	Wildcat	Pool	NA
Well Type	Vertical	Job Number	F176
Prepared By	Jake Fahrenbruch	Qualified By	Brad Rine

Test Information

Test Type	Bottom-Hole (NO J&J)	Test Purpose	Initial Test
Formation	Mississippian 4658'-4706'	Gauge Name	0062
Start Test Date	2013/09/23	Start Test Time	03:24:00
Final Test Date	2013/09/23	Final Test Time	12:13:00

Test Results

30 minute initial flow period:	Surface blow, increased to 2" in bucket.
75 minute initial shut-in period:	No blowback.
60 minute final flow period:	Half inch blow, increased to 3" in bucket.
90 minute final shut-in period:	No blowback.

Recovered:

35' OCM 10% oil, 90% mud
 ----- Tool Sample: OCM, 15% oil, 85% mud
 ----- Bottom-Hole Temp: 122 Deg F

Pressures:

IHP: 2304
 IFP: 14 - 27
 ISIP: 264
 FFP: 24 - 27
 FSIP: 200
 FHP: 2301

Thanks!



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BBUNITA1DST2

TIME ON: 3:24 AM
TIME OFF: 12:13 PM

Company Trans Pacific Oil Corp. Lease & Well No. Butler-Bealor Unit 'A' #1-6
Contractor Duke Drilling Rig #1 Charge to Trans Pacific Oil Corp.
Elevation 2262' KB Formation Mississippian Effective Pay _____ Ft. Ticket No. F176
Date 9-23-13 Sec. 6 Twp. 25 S Range 20 W County Edwards State KANSAS
Test Approved By Brad Rine Diamond Representative Jake Fahrenbruch

Formation Test No. TWO Interval Tested from 4658 ft. to 4706 ft. Total Depth 4706 ft.
Packer Depth 4653 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4658 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4644 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4667 ft. Recorder Number 5951 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 56 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.0 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 10000 P.P.M. Drill Pipe Length 4633 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 48 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{14' PERF (6' top, 8' btm)} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Surface blow, increased to 2" in bucket.
2nd Open: Half inch blow, increased to 3" in bucket.

Recovered 35 ft. of OCM 10% oil, 90% mud
Recovered _____ ft. of Tool Sample: OCM, 15% oil, 85% mud
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

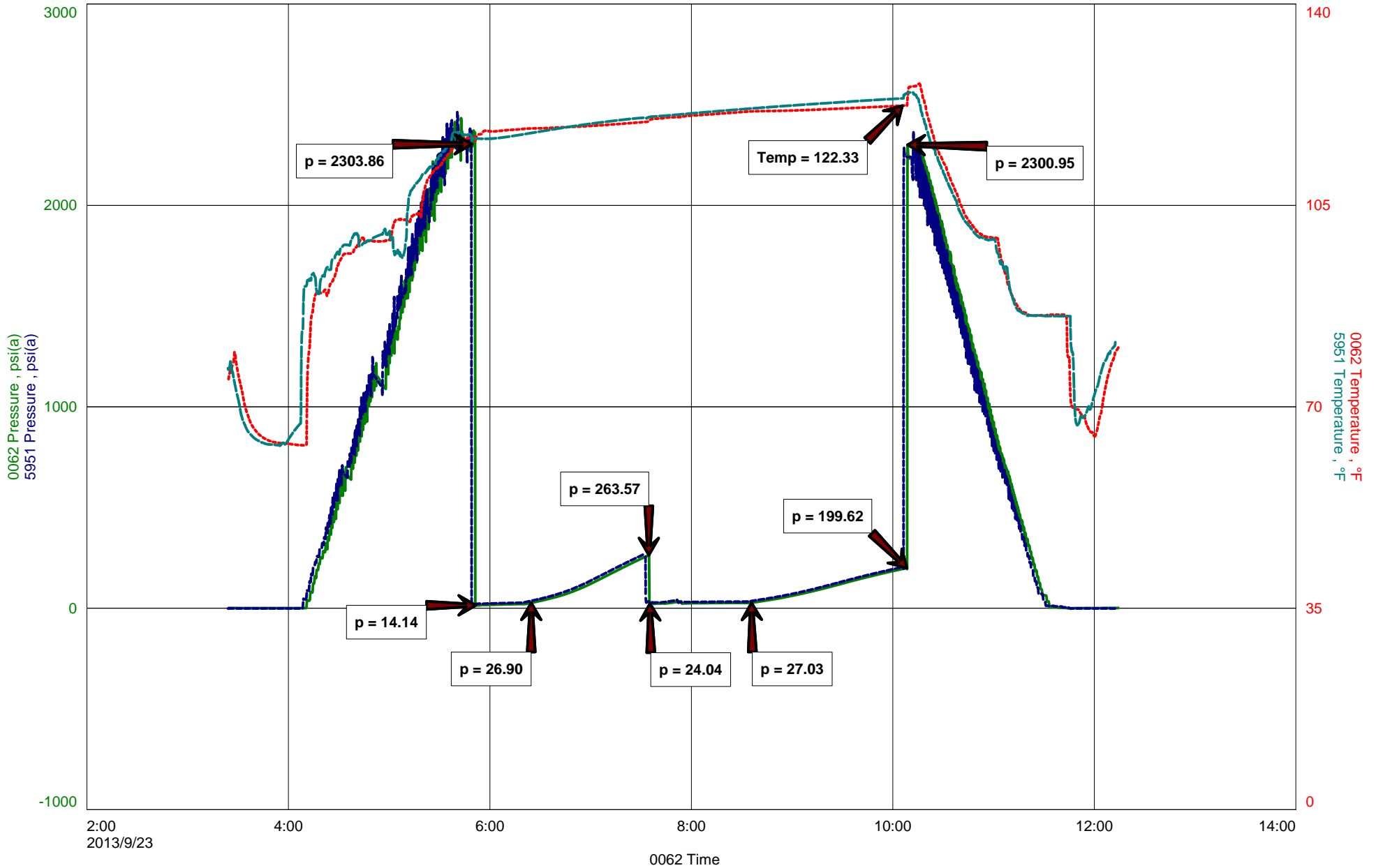
Remarks:	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 5:50 AM ^{A.M.} P.M. Time Started Off Bottom 10:05 AM ^{A.M.} P.M. Maximum Temperature 122 Deg F

Initial Hydrostatic Pressure..... (A) 2304 P.S.I.
Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 27 P.S.I.
Initial Closed In Period..... Minutes 75 (D) 264 P.S.I.
Final Flow Period..... Minutes 60 (E) 24 P.S.I. to (F) 27 P.S.I.
Final Closed In Period..... Minutes 90 (G) 200 P.S.I.
Final Hydrostatic Pressure..... (H) 2301 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Butler-Bealor Unit 'A' #1-6





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Trans Pacific Oil Corp	Well Name	Butler-Bealor Unit 'A' #1-6
Well Operator	Trans Pacific Oil Corp	Unique Well ID	DST #3 Mississippian 4658' - 4713'
Contact	Bryce Bidleman	Surface Location	Sec 6-25s-20w-Edwards Co.-KS
Site Contact	Brad Rine	Test Unit	#5
Field	Wildcat	Pool	NA
Well Type	Vertical	Job Number	F177
Prepared By	Jake Fahrenbruch	Qualified By	Brad Rine

Test Information

Test Type	Bottom-Hole (NO J&J)	Test Purpose	Initial Test
Formation	Mississippian 4658' - 4713'	Gauge Name	0062
Start Test Date	2013/09/23	Start Test Time	21:00:00
Final Test Date	2013/09/24	Final Test Time	05:36:00

Test Results

30 minute initial flow period:	Surface blow, increased to 1" in 20 minutes. Blow died.
75 minute initial shut-in period:	No blowback.
30 minute final flow period:	Very weak surface blow, died in 5 minutes.
90 minute final shut-in period:	No blowback.

Recovered:

30'	OSM	1% oil, 99% mud
-----	Tool Sample:	SOCM, 3% oil, 97% mud
-----	Bottom-Hole Temp:	119 Deg F

Pressures:

IHP:	2318
IFP:	15 - 21
ISIP:	1154
FFP:	24 - 27
FSIP:	914
FHP:	2322

Thanks!



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BBUNITA1DST3

TIME ON: 9:00 PM 9-23
TIME OFF: 5:36 AM 9-24

Company Trans Pacific Oil Corp. Lease & Well No. Butler-Bealor Unit 'A' #1-6
Contractor Duke Drilling Rig #1 Charge to Trans Pacific Oil Corp.
Elevation 2262' KB Formation Mississippian Effective Pay _____ Ft. Ticket No. F176
Date 9-24-13 Sec. 6 Twp. 25 S Range 20 W County Edwards State KANSAS
Test Approved By Brad Rine Diamond Representative Jake Fahrenbruch

Formation Test No. THREE Interval Tested from 4658 ft. to 4713 ft. Total Depth 4713 ft.
Packer Depth 4653 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4658 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4644 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4671 ft. Recorder Number 5951 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 58 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 10.0 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 12000 P.P.M. Drill Pipe Length 4633 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 55 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 21' PERF (11' top, 10' btm) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Surface blow, increased to 1" in 20 minutes, blow died.
2nd Open: Very weak surface blow, blow died in 5 minutes.

Recovered 30 ft. of OSM 1% oil, 99% mud
Recovered _____ ft. of Tool Sample: SOCM 3% oil, 97% mud
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks:	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 10:55 PM 9-23 A.M. P.M. Time Started Off Bottom 2:40 AM 9-24 A.M. P.M. Maximum Temperature 119 Deg F

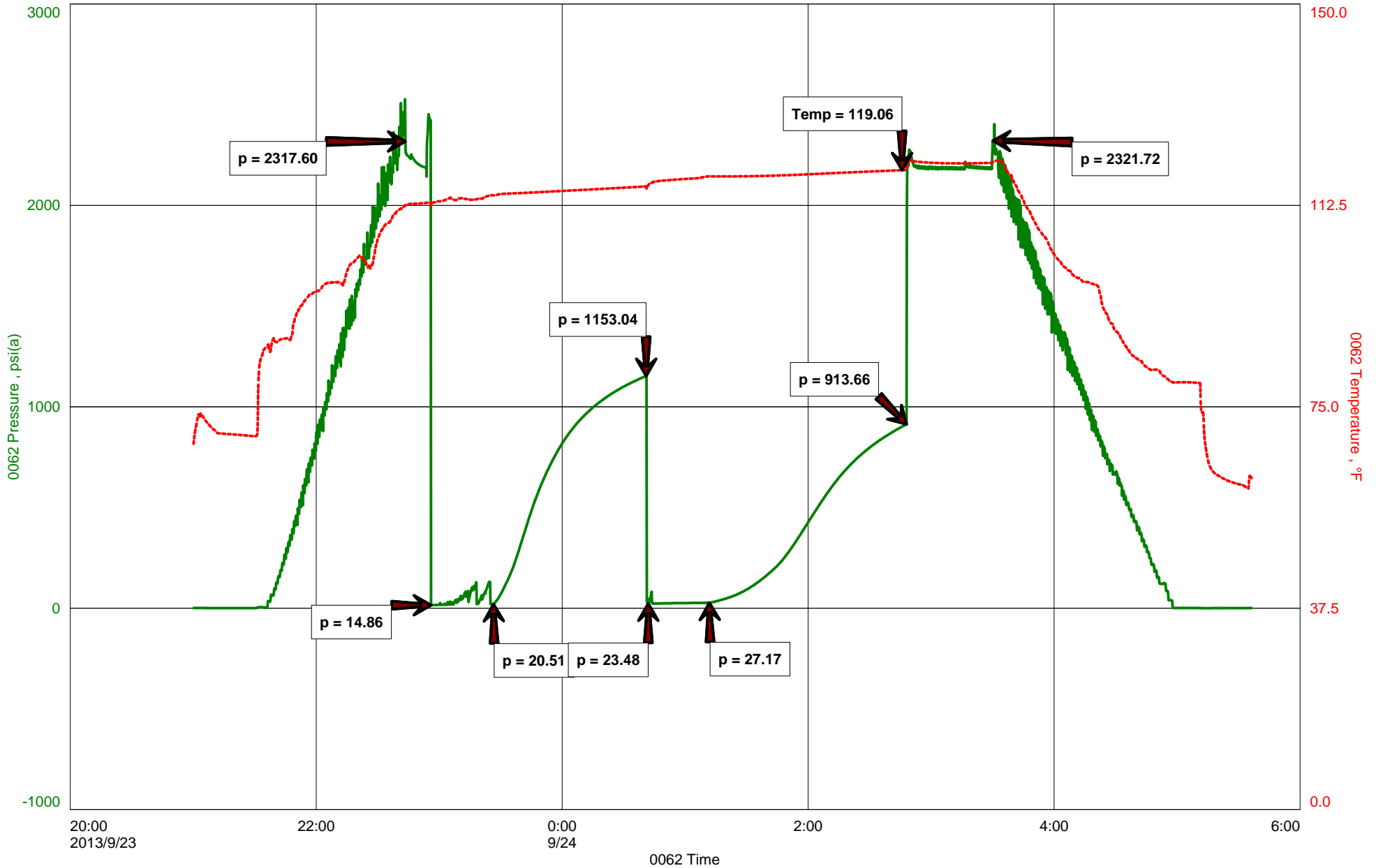
Initial Hydrostatic Pressure..... (A) 2318 P.S.I.
Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 21 P.S.I.
Initial Closed In Period..... Minutes 75 (D) 1154 P.S.I.
Final Flow Period..... Minutes 30 (E) 24 P.S.I. to (F) 27 P.S.I.
Final Closed In Period..... Minutes 90 (G) 914 P.S.I.
Final Hydrostatic Pressure..... (H) 2322 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Trans Pacific Oil Corp
DST #3 Mississippian 4658' - 4713'
Start Test Date: 2013/09/23
Final Test Date: 2013/09/24

Butler-Bealor Unit 'A' #1-6
Formation: Mississippian 4658' - 4713'
Pool: NA
Job Number: F177

Butler-Bealor Unit 'A' #1-6





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Trans Pacific Oil Corp	Well Name	Butler-Bealor Unit 'A' #1-6
Well Operator	Trans Pacific Oil Corp	Unique Well ID	DST #4 Mississippian 4712' - 4718'
Contact	Bryce Bidleman	Surface Location	Sec 6-25s-20w-Edwards Co.-KS
Site Contact	Brad Rine	Test Unit	#5
Field	Wildcat	Pool	NA
Well Type	Vertical	Job Number	F178
Prepared By	Jake Fahrenbruch	Qualified By	Brad Rine

Test Information

Test Type	Bottom - Hole (NO J&J)	Test Purpose	Initial Test
Formation	Mississippian 4712' - 4718'	Gauge Name	0062
Start Test Date	2013/09/24	Start Test Time	13:48:00
Final Test Date	2014/09/24	Final Test Time	22:38:00

Test Results

30 minute initial flow period:	Weak surface blow, increased to 1" in bucket.
75 minute initial shut-in period:	No blowback.
60 minute final flow period:	Weak surface blow, increased to 1" in bucket.
90 minute final shut-in period:	No blowback.

Recovered:

55' HWCM w/trace oil specks 35% wtr, 65% mud
 ---- Tool Sample: SOSHWCM 1% oil, 40% wtr, 59% mud
 ---- Bottom-Hole Temp: 122 Deg F
 ---- Chlorides: 18,000 PPM
 ---- RW: .28 ohm @ 66 Deg F
 ---- PH: 10.0

Pressures:

IHP: 2318
 IFP: 18 - 24
 ISIP: 1530
 FFP: 26 - 36
 FSIP: 1514
 FHP: 2317

Thanks!



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BBUNITA1DST3

TIME ON: 1:48 PM
 TIME OFF: 10:38 PM

Company Trans Pacific Oil Corp. Lease & Well No. Butler-Bealor Unit 'A' #1-6
 Contractor Duke Drilling Rig #1 Charge to Trans Pacific Oil Corp.
 Elevation 2262' KB Formation Mississippian Effective Pay _____ Ft. Ticket No. F178
 Date 9-24-13 Sec. 6 Twp. 25 S Range 20 W County Edwards State KANSAS
 Test Approved By Brad Rine Diamond Representative Jake Fahrenbruch

Formation Test No. FOUR Interval Tested from 4712 ft. to 4718 ft. Total Depth 4718 ft.
 Packer Depth 4707 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4712 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4698 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 4715 ft. Recorder Number 11033 Cap. 5,150 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 71 Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight 8.9 Water Loss 15.6 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 16000 P.P.M. Drill Pipe Length 4687 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number _____ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 6 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Weak surface blow, increased to 1" in bucket.
 2nd Open: Weak surface blow, increased to 1" in bucket.

Recovered 55 ft. of HWCM w/trace oil specks 35% wtr, 65% mud
 Recovered _____ ft. of Tool Sample: SOSHMCW 1% oil, 40% wtr, 59% mud
 Recovered _____ ft. of Chlorides: 18,000 PPM
 Recovered _____ ft. of RW: .28 ohm @ 66 Deg F

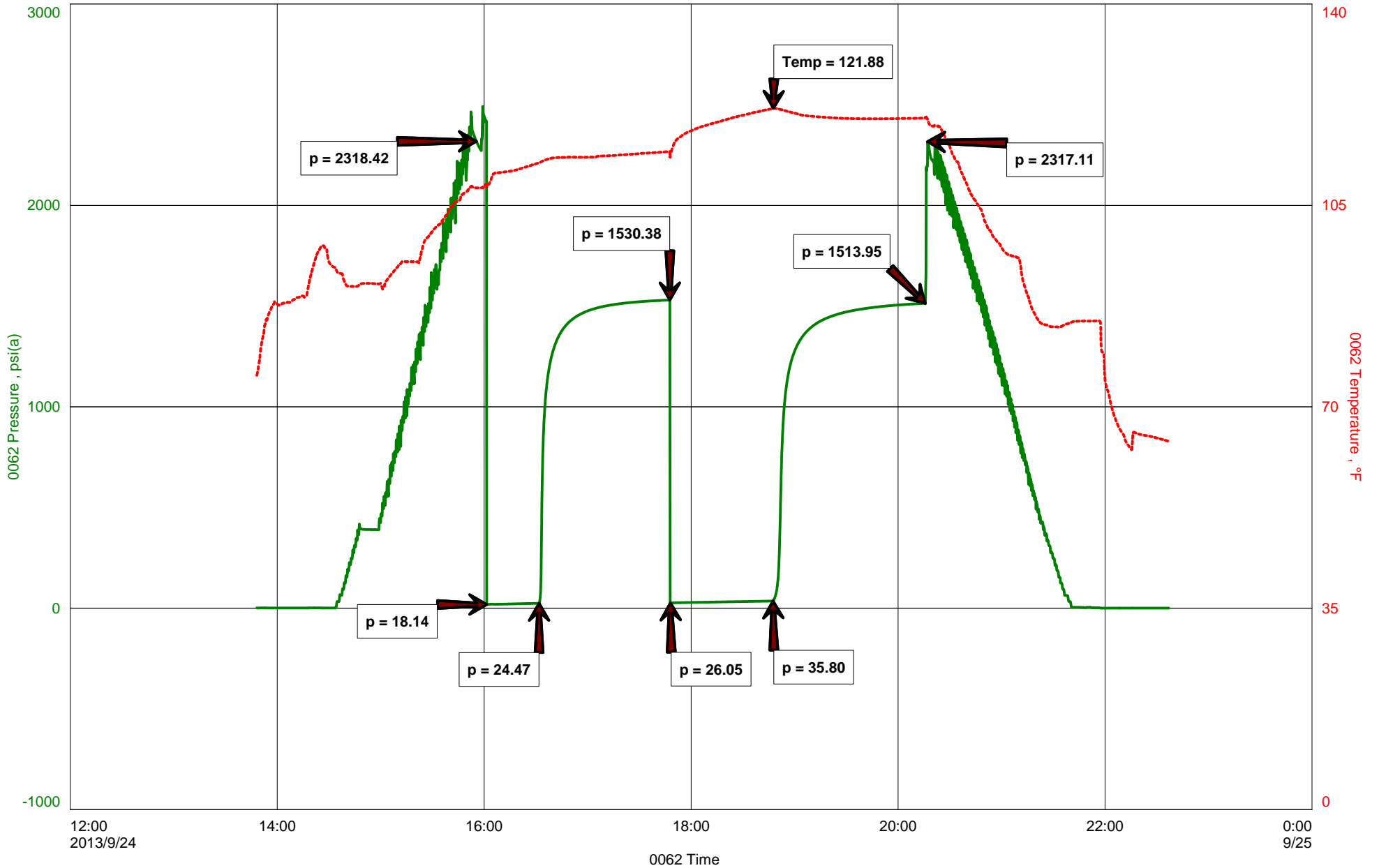
Recovered _____ ft. of <u>PH: 10.0</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
_____	Total

Time Set Packer(s) 4:02 A.M. Time Started Off Bottom 8:17 P.M. Maximum Temperature 122 Deg F

Initial Hydrostatic Pressure..... (A) 2318 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 18 P.S.I. to (C) 24 P.S.I.
 Initial Closed In Period..... Minutes 75 (D) 1530 P.S.I.
 Final Flow Period..... Minutes 60 (E) 26 P.S.I. to (F) 36 P.S.I.
 Final Closed In Period..... Minutes 90 (G) 1514 P.S.I.
 Final Hydrostatic Pressure..... (H) 2317 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Butler-Bealor Unit 'A' #1-6



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

Well: Butler-Bealor Unit A 1-6 **STR:** 6-25S-20W **Cty:** Edwards **State:** Kansas

Log Tops:

Anhydrite	1399'+ 863) + 1'
Heebner	3981'(-1719) +12'
Lansing	4091'(-1829) + 7'
BKC	4435'(-2173) +11'
Marmaton	4459'(-2197) +11'
Labette	4603'(-2341) + 9'
Cherokee Shale	4639'(-2377) + 9'
Mississippi	4681'(-2419) +11'
Osage	4705'(-2443) + 4'
RTD	4800'(-2538)

ALLIED OIL & GAS SERVICES, LLC 061901

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Great Bend

DATE <u>9-16-13</u>	SEC. <u>6</u>	TWP. <u>23</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30pm</u>	JOB FINISH <u>12AM</u>
LEASE <u>Bealor A</u>			WELL# <u>1-16</u>	LOCATION <u>offerte west to co line</u>		COUNTY <u>Edwards</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>			<u>1 1/2 N 3/4 E S100</u>				

CONTRACTOR Duke 1 OWNER _____

TYPE OF JOB Surface

HOLE SIZE 12 1/2 T.D. _____ CEMENT _____

CASING SIZE 8 5/8 DEPTH 313 AMOUNT ORDERED 250 SKS Class A

TUBING SIZE _____ DEPTH _____ 3 1/2 cc 7 1/2 gal

DRILL PIPE 4 1/2 DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 20 FT

PERFS. _____

DISPLACEMENT 18,666 bbls

EQUIPMENT

PUMP TRUCK CEMENTER Wash Isaac
398 HELPER Ben Newel
BULK TRUCK
344-170 DRIVER Don Casper
BULK TRUCK
_____ DRIVER _____

COMMON	<u>250</u>	@ <u>17.90</u>	<u>4,475.00</u>
POZMIX		@	
GEL	<u>5</u>	@ <u>23.40</u>	<u>117.00</u>
CHLORIDE	<u>9</u>	@ <u>64.00</u>	<u>576.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>270.83</u>	@ <u>2.48</u>	<u>671.05</u>
MILEAGE	<u>12.35 x 45 x</u>	<u>2.60</u>	<u>1,444.95</u>
			TOTAL <u>7,284.60</u>

REMARKS:

pump 5 bbls fresh water
mix 250 sks class A 3 1/2 cc 7 1/2 gal
displace 18,666 bbls fresh water
cement did circulate
log down 12 AM

SERVICE

DEPTH OF JOB	<u>313</u>		
PUMP TRUCK CHARGE		<u>1512.35</u>	
EXTRA FOOTAGE		@	
MILEAGE <u>Hum</u>	<u>45</u>	@ <u>7.70</u>	<u>346.50</u>
MANIFOLD		@	
	<u>Hum 45</u>	@ <u>4.40</u>	<u>198.00</u>
		@	
			TOTAL <u>2,056.75</u>

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

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES 9,341.35

DISCOUNT 1,868.27 IF PAID IN 30 DAYS

7,473.08

PRINTED NAME Mike Godfrey
SIGNATURE Mike Godfrey
Thank you!

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.

ALLIED OIL & GAS SERVICES, LLC 061906

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Great Bend

DATE <u>9-26-13</u>	SEC. <u>6</u>	TWP. <u>23</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>3 Am</u>	JOB FINISH <u>4 Am</u>
LEASE <u>Butler</u>	WELL# <u>1-6</u>	LOCATION <u>off to the W to rd line 1/2 N</u>			COUNTY <u>Edwards</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>39 E S into</u>			

CONTRACTOR Duke I
 TYPE OF JOB Rotary plug
 HOLE SIZE 12 1/2 T.D.
 CASING SIZE 8 3/8 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 DEPTH 1 1/2
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. All
 PERFS.
 DISPLACEMENT Freshwater

OWNER
 CEMENT
 AMOUNT ORDERED 210 SKS 60/40
400 gal
 COMMON 126 @ 17.90 2,255.40
 POZMIX 84 @ 9.35 785.40
 GEL 7 @ 23.40 163.80
 CHLORIDE @
 ASC @
 HANDLING 221.66 @ 2.48 549.11
 MILEAGE 9.38 x 45 x 2.60 1,097.46
 TOTAL 4,851.77

EQUIPMENT
 PUMP TRUCK CEMENTER Josh Isaac
 # 398 HELPER Ben Newell
 BULK TRUCK
 # 609-172 DRIVER Dan Cooper
 BULK TRUCK
 # DRIVER

REMARKS:
on location - Pig up - and set of casing
run 4 1/2 drill pipe - fill backside
pressure test 500 psi
#1 - 1410 ft - 50 SKS
#2 - 500 - 40 RH - 30 SKS
#3 - 310 - 50 MH - 20
#4 - 60 - 20
plug down - Pig down -

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

SERVICE
 DEPTH OF JOB
 PUMP TRUCK CHARGE 2249.82
 EXTRA FOOTAGE @
 MILEAGE Hum 45 @ 7.70 346.50
 MANIFOLD @
Hum 45 @ 4.40 198.00
 TOTAL 2,794.32

PLUG & FLOAT EQUIPMENT
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 TOTAL _____

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 Ximike Godfrey
 SIGNATURE Ximike Godfrey

SALES TAX (If Any) _____
 TOTAL CHARGES 7,646.11
1,529.22
 DISCOUNT _____ IF PAID IN 30 DAYS
6,116.88

Thank you!!

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

October 17, 2013

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

Re: ACO1
API 15-047-21622-00-00
Butler-Bealor Unit 'A' 1-6
NE/4 Sec.06-25S-20W
Edwards 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

M. Bradford Rine

Consulting Geologist, Licensed and Certified

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Butler-Bealor Unit "A" #1-6 - Trans Pacific Oil Corporation
Location: E2-N2-NE, Section 06-25S-20W
License Number: API: 15-047-21622-00-00
Spud Date: September 16, 2013
Surface Coordinates: 660' FNL & 1320' FEL,
of Section
Bottom Hole Vertical Wellbore
Coordinates: P & A
Ground Elevation (ft): 2250 Ft. K.B. Elevation (ft): 2262 Ft.
Logged Interval (ft): 3800 Ft. To: 4800 Ft. Total Depth (ft): RTD 4800 Ft. LTD 4796 Ft.
Formation: Mississippi at Total Depth
Type of Drilling Fluid: Chemical

Region: Edwards Co., Kansas
Drilling Completed: September 25, 2013
Field: Wildcat

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

Operator

Company: Trans Pacific Oil Corporation
Address: 100 South Main, Suite 200
Wichita, Kansas 67202

Geologist

Name: M. Bradford Rine
Company: Consulting Geologist, Kansas Lic. #204, Wyo #189, AAPG Cert. #2647
Address: 100 South Main, Suite #415
Wichita, Kansas 67202

Remarks

Based on sample observations, drill stem test results, and electric log evaluation, it was the decision of the Operator, to plug and abandon the "Butler-Bealor Unit 'A' #1-6, on September 25, 2013.

Respectfully submitted,
M. Bradford Rine, Geologist

Butler-Bealor Unit "A" #1-6
Section 06-25S-20W, Edwards County, Kansas



	Trans Pacific Oil Corp.			TPOC (Well A)		Well A
	Butler-Bealor Unit "A" #1-6			Butler "A" #1-6		
	660' FNL & 1320' FEL			2305' FNL & 899' FEL		
	06-25S-20W			06-25S-20W		
	KB 2262 Ft.			KB 2266 Ft.		
Formations	Sample	E-Log	Datum	E-Log	Datum	Comp.
Anhydrite	1403	1398	864	1404	862	2
B/Anhydrite	N/C	1410	852	1416	850	2
Chase	N/C	2458	-196	2476	-210	14
Heebner Sh	3988	3981	-1719	3998	-1732	13
Brown Lime	4087	4080	-1818	4100	-1834	16
Lansing	4098	4090	-1828	4111	-1845	17
Stark Sh	4348	4339	-2077	4353	-2087	10
B/Kansas City	4446	4435	-2173	4450	-2184	11
Marmaton	4468	4459	-2197	4474	-2208	11
Labette Sh	4612	4604	-2342	4616	-2350	8
Cherokee Sh	4647	4639	-2377	4652	-2386	9
Mississippi Warsaw ?	4682	4674	-2412	4692	-2426	14
Mississippi Osage	4709	4703	-2441	4713	-2447	6
Total Depth	4800	4796	-2534	4832	-2566	32

Drilling Information

Rig: Duke Drilling #1
Pump: Ideco MM700 6 x 16
Drawworks: Ideco H30
Collars: 474' 2-1/4 x 6-1/4
Drillpipe: 4-1/2" 16.6#
Toolpusher: Mike Godfrey

Mud: Mudco (Terry Ison)
Gas Detector: None
Drill Stem Tests: Diamond (Jake Fahrenbruch)
Logs: Nabors (Ian Mabb)
Water: Offerle Municipal Well (Cheyenne Tank)
Company Representatives:
Office: Beth Isern and Bryce Bidleman
Field: None

Daily Drilling Status

Date:	Operations/Depth/Comments
09-16-13	MIRT, RU, Spud @ 0'
09-17-13	Waiting on Cement @ 313'
09-18-13	Drilling @ 1871'
09-19-13	Drilling @ 2955'
09-20-13	Drilling @ 3823'
09-21-13	TOOH/DST1 @ 4145'
09-22-13	Drilling @ 4541'
09-23-13	On Bottom with DST 2 @ 4706'
09-24-13	Trip in Hole after DST 3 @ 4713'
09-25-13	Trip Out for logs @ RTD 4800'
09-26-13	Finish plugging at 3:30 am @ 4800'

Casing Record, Bit Record, Deviation Surveys

CASING:

Conductor: None

Surface: Ran 7 jts 8-5/8" 23#, set @ 311'. Cement with 225 sx Class A, 03%CC, 02% gel. Plug down @ 12:00 pm. Cement did circulate.

Production: P & A

Plugged as follows: 50 sz @ 1410', 40 sx @ 500', 50 sx @ 310', 20 sx @ 60', 30 sx in rat hole, 20 sx in mouse hole. 210 sx Total, 60/40 poz, 4% gel, 1/4# flo-cel per sk. Plug down @ 3:30 am, 09-26-13.

BITS:

No.	Size	Make	Model	Depth In	Depth Out	Hours
1	12-1/4	Varel	DT1G	0	313	2
2	7-7/8	Varel	HE29	313	4145	61.25
3	7-7/8	Varel	HE29	4145	4800	28.75

DEVIATION SURVEYS:

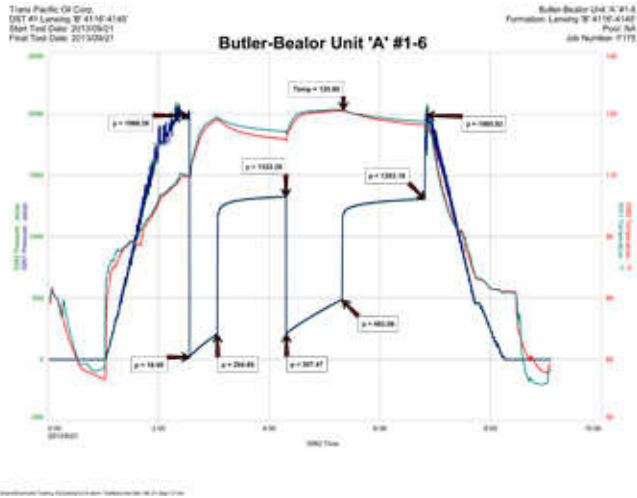
Deviation:	Depth:	Deviation:	Depth:
3/4*	313'	1*	2124'
3/4*	829'	1*	4145'
1*	1554'	1*	4706'
		1*	4800'

DST #1: 4116-4145 (Lansing "B")

Times: 30-75-60-90

Initial Open: Stg, b.o.b. 7.5 min'
Wk surf return, died
Final Open: Stg, b.o.b. 10.5 min,
No return blow

Rec: 970' Total Fluid
140' MCW: 73% wtr 27% mud
830' Wtr: (75,000 ppm Chl)
IHP: 1986 FHP: 1986
IFP: 19-205 FFP: 207-483
ISIP: 1322 FSIP: 1303
BHT: 126°F

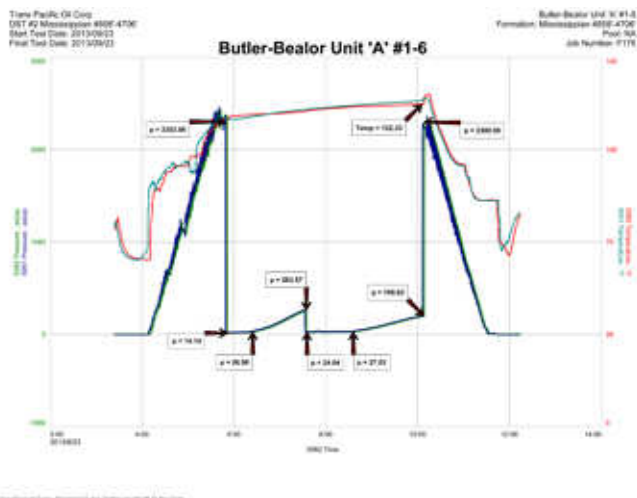


DST #2: 4658-4706 (Mississippi)

Times: 30-75-60-90

Initial Open: Wk+, built to 2" i.b.
Final Open: Fr-, built to 3" i.b.

Rec: 35' SOCM 10% oil 90% mud
IHP: 2304 FHP: 2301
IFP: 14-27 FFP: 24-27
ISIP: 264 FSIP: 200
BHT: 122°F

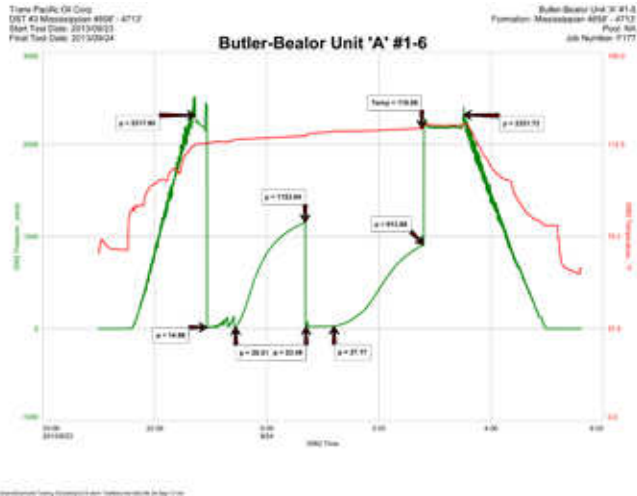


DST #3: 4658-4713 (Mississippi)

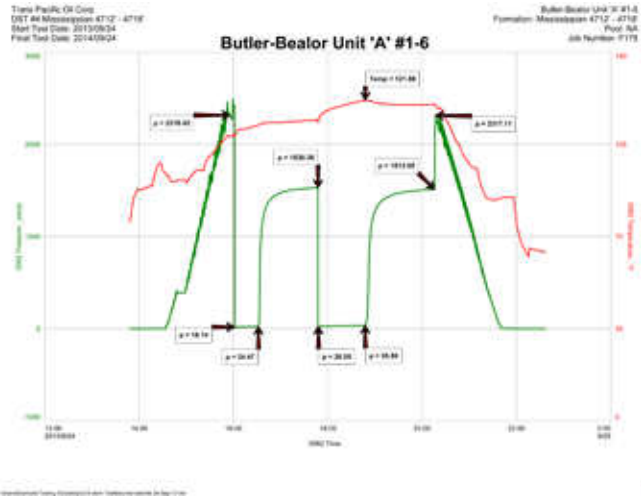
Times: 30-75-30-90

Initial Open: Wk, built to 1" then died
Final Open: Wk surf blow, died in 5 min

Rec: 30' VSOCM: 01% oil 99% mud
IHP: 2318 FHP: 2322
IFP: 15-21 FFP: 24-27
ISIP: 1154 FSIP: 914
BHT: 119°F



DST #4: 4712-4718 (Mississippi)
Times: 30-75-60-90
Initial Open: Wk, built to 1" i.b.
Final Open: Wk, built to 1" i.b.
Rec: 55' WCM: 35%w 65%m
Oil spots in tool
(Chl/wtr 18000ppm Chl/mud 16000)
IHP: 2318 FHP: 2317
IFP: 18-24 FFP: 26-36
ISIP: 1530 FSIP: 1514
BHT: 122°F



Rock Types

	Anhy		Black shale		Coal		Lmst		Shcol		Sltyshtst
	Bent		Congl		Meta		Mrlst		Shgy		Siltst
	Brec		Dol		Salt		Ss		Till		Sandyls
	Cht		Gyp		Shale						
	Clyst		Igne								

Accessories

MINERAL		Gyp	FOSSIL		Ostra		Siltstrg
	Anhy		Hvymin		Pelec		Ssstrg
	Arggrn		Kaol		Pellet	TEXTURE	
	Arg		Marl		Pisolite		Boundst
	Bent		Minxl		Plant		Chalky
	Bit		Nodule		Strom		Cryxln
	Brecfrag		Phos	STRINGER			Earthy
	Calc		Pyr		Anhy		Finexln
	Carb		Salt		Shale		Grainst
	Chtdk		Sandy		Bent		Lithogr
	Chtlt		Silt		Coal		Microxln
	Dol		Sil		Dol		Mudst
	Feldspar		Sulphur		Gyp		Packst
	Ferrpel		Tuff		Ls		Wackst
	Ferr				Mrst		
	Glau						

Other Symbols

OIL SHOW
 ☒ Gas show
 ● Even

◉ Spotted
 ◌ Trace/ques
 ◑ Dead

☐ Gas

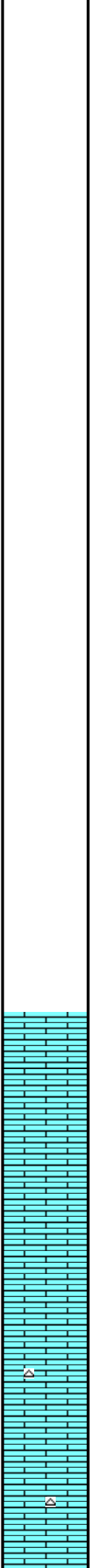
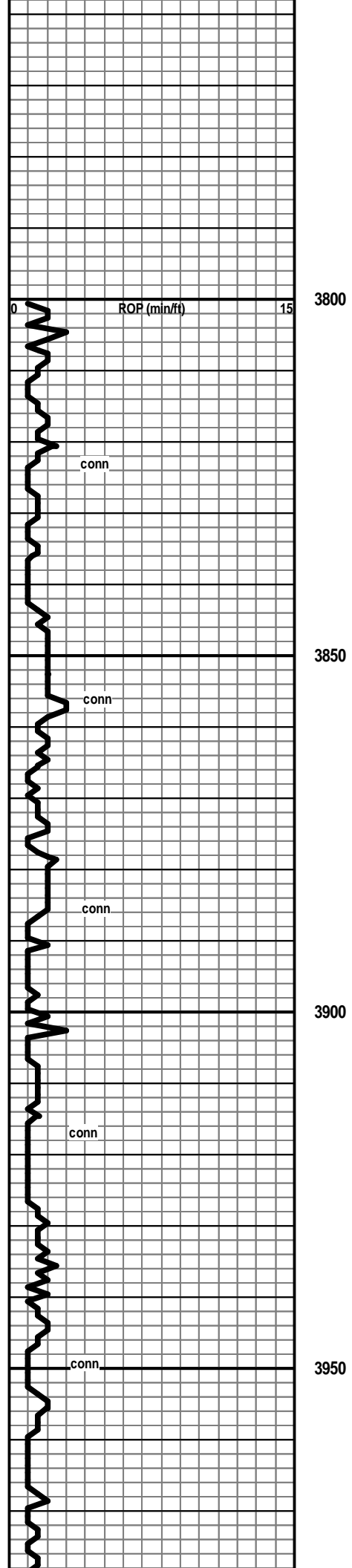
INTERVAL
 ■ Core
 ■ Dst

ROP (min/ft) ROP (min/ft)	Depth	Lithology	Geological Descriptions	Remarks
	<p>1300</p> <p>50</p> <p>1400</p> <p>*** Depth Break ***</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Shows</p> <p style="background-color: yellow; border: 1px solid black; padding: 2px;">ANHYDRITE</p>	<p>←----- 1403 (+859)</p>	

* Displace & Mudup @
3602 ft.

7:00 AM, September 20, 2013

Mud Check, Drlg @ 3869':
Vis Wt WL LCM PV YP
45 9.0 8.0 1 12 15
Chl Hd pH Solids
12000 80 10.5 4.2

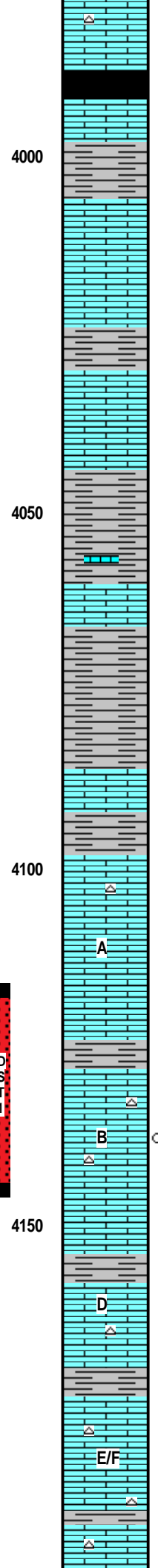
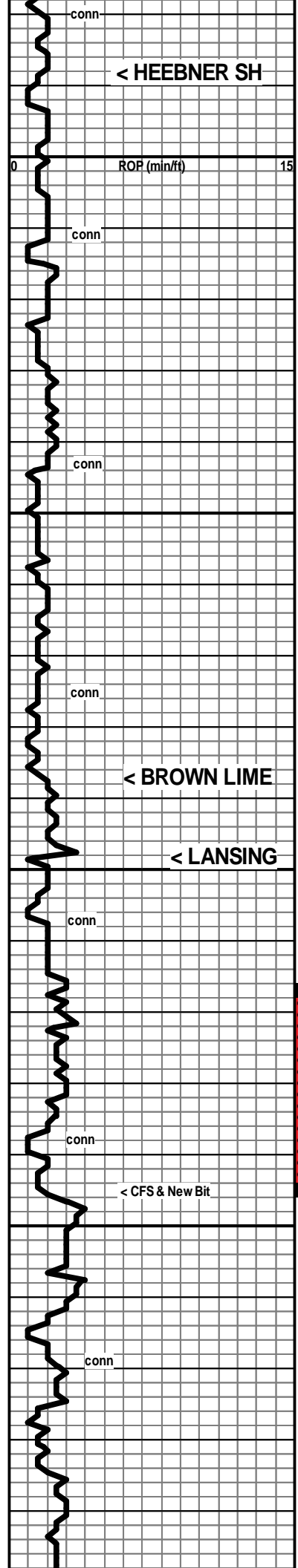


Ls cr-gy-tan, fn xln, fr xln por in pt, foss

Ls wh-cr-tan, fn xln, pr-fr xln por, foss, scatt patches of fn xln pyrite

Ls cr-tan-gy, fn xln, pr-fr xln por, some chert wh/gy mix, subgraiiny text

Ls wh-cr, fn xln, pr-fr xln por, foss, chert: fresh, lt gy, transl



----- 3988 (-1726)
 Sh black-dk gy, subcarb-carb

Sh gy-grnish gy

Ls cr-tan-gy, mostly dns, some pr xln por, subchalky in pt, sli foss
 [No Show]

Sh gy-grn

Ls wh-cr, fn xln, pr xln por in pt, chalky in pt, some subgreainy text with por, foss in pt

Sh gy-dk gy-grn, subfiss to subsilty

Poss some scatt stringers of Ls

Ls cr, fn xln, pr xln por, foss

Sh gy-grnish, calc in pt, embedded foss in pt

----- 4087 (-1825)
 Ls cr-tan, fn xln, dns, foss

Sh gy-grnish

----- 4098 (-1836)
 Ls cr-tan, fn xln, pr-fr xln por, dns in pt, some subsucr text, foss, Rr pcs Chert: frsh wh-cr, foss
 [No Show]

A
 Ls wh-cr-tan, fn xln, dns, chalky in pt, foss

Sh gy-grnish, subsilty-mic text

Ls cr, fn xln, dns, subshalky in pt, foss

Ls wh-cr-tan, fn xln, pr-fr xln por in pt, scatt pp & vug pores, foss, chert: fresh, wh, foss, opa; Rr gy subtransl pcs

B
 [No Odor, few pcs per tray with Moderate spotty-patchy fluor, found 2 pcs total with spots of brn stn and trace show lt brn FO on brk, vugs are barren]

Sh gy-dk gy-grnish, mic text scatt calc foss

D
 Ls cr-tan fn xln, some subchalky, mostly dns, foss (some weath to gy), Rr chert: fresh, gy, transl

Sh gy

Ls cr-tan, fn xln, scatt grainy text in pt, pr-fr xln por in pt, foss, abund chert: fresh, cr-gy, transl to opa; foss & ool in pt

E/F
 Ls cr-tan, fn xln, dns, foss, cherty as above

Ls wh-cr, fn xln, dns-pr xln por, chalky in pt, foss, chert: fresh,

WOB: 35000
 RPM: 85
 PP: 700
 SPM: 54

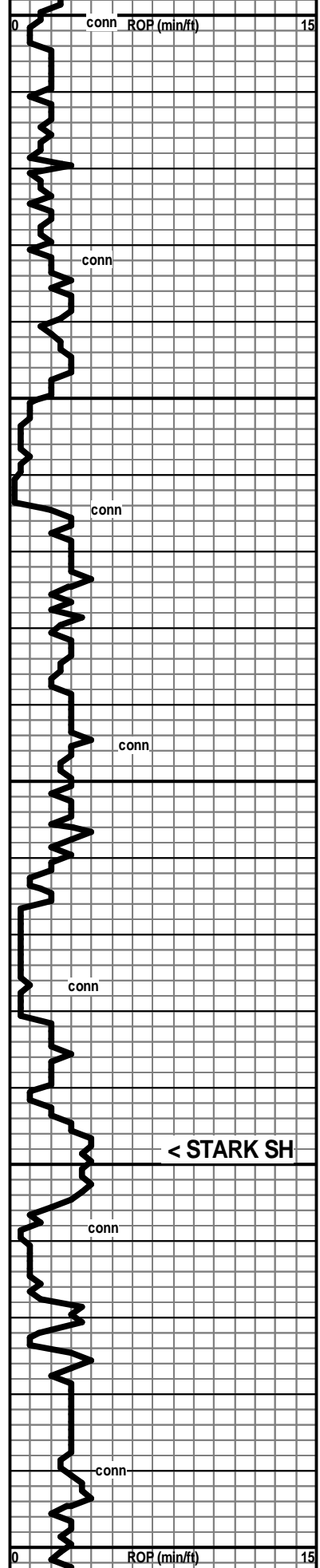
Pipe Strap @ 4145':
 Strap = 4174.95'
 Board = 4169.93'
 (Strap Long 5.02')

DST #1: 4116-4145 (Lans B)
 Times: 30-75-60-90
 Initial Open: Stg, b.o.b. 7.5 min, wk surf return blow died
 Final Open: Stg, b.o.b. 10.5 min, no return blow
 Rec: 970' Total Fluid
 140' MCW: 73%w 27%am
 830' Wtr: 100%w (75,000 ppm Chl)
 (Chl mud/12000 ppm)
 Scum oil in tool
 IHP: 1986 FHP: 1986
 IFP: 19-205 FFP: 207-483
 ISIP: 1322 FSIP: 1303
 BHT: 126°F

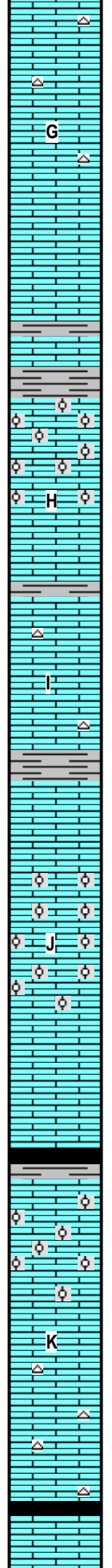
7:00 AM, September 21, 2013

Mud Check, TIH/bit @ 4145':

Vis	Wt	WL	LCM	PV	YP
70	9.2	10.8	2	18	22
Chl	Hd	pH	Solids		
11000	80	9.5	5.6		



4200
4250
4300
4350
4400



wh-cr, opa

Ls wh-cr, fn xln, dns-pr xln por, chalky in pt, abund chert: fresh, wh-cr-gy, transl-opaq, foss in pt

Ls wh-cr, fn xln, pr xln por with some vis fr xln por, foss

Sh gy

Ls cr-pl gy, fn xln, scatt xln por, ool & oom
[No Show]

Ls cr-tan, fn xln, dns, sli foss

Sh gy

Ls cr-tan, fn xln, dns, some subchky-chalky, foss in pt, sli cherty: fresh, gy, transl to wh & opa

Sh gy

Ls cr-tan, fn xln, fr-gd xln por (dolom text) oom, gd fr-gd oom por, gd crush
[No Show]

Ls wh-cr, fn xln, dns, foss-abund fofss

Ls cr, fn xln, pr-fr xln por, scatt sm vugs, foss

←----- 4348 (-2086)
Sh black (poorly repres in spl)

Ls cr, fn xln, dns, foss

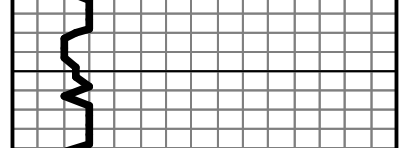
Ls cr-tan, fn xln, ool & oom, some xln por, foss in pt
[No Show]

(Few pcs black shale in 4370' spl, some pyritic, some mixed with Ls)

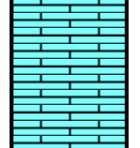
Ls cr-tan, fn xln, pr xln por-dns, foss, abund chert: fresh, wh, subpaq

Sh gy-grnish-black, carb in pt

Ls wh-cr-pl gy, vfn-fn xln, mosly dns & firm, some soft and chalky, foss in pt, scatt calcite patches
[No Show]



4200
4250
4300
4350
4400



wh-cr, opa

Ls wh-cr, fn xln, dns-pr xln por, chalky in pt, abund chert: fresh, wh-cr-gy, transl-opaq, foss in pt

Ls wh-cr, fn xln, pr xln por with some vis fr xln por, foss

Sh gy

Ls cr-pl gy, fn xln, scatt xln por, ool & oom
[No Show]

Ls cr-tan, fn xln, dns, sli foss

Sh gy

Ls cr-tan, fn xln, dns, some subchky-chalky, foss in pt, sli cherty: fresh, gy, transl to wh & opa

Sh gy

Ls cr-tan, fn xln, fr-gd xln por (dolom text) oom, gd fr-gd oom por, gd crush
[No Show]

Ls wh-cr, fn xln, dns, foss-abund fofss

Ls cr, fn xln, pr-fr xln por, scatt sm vugs, foss

←----- 4348 (-2086)
Sh black (poorly repres in spl)

Ls cr, fn xln, dns, foss

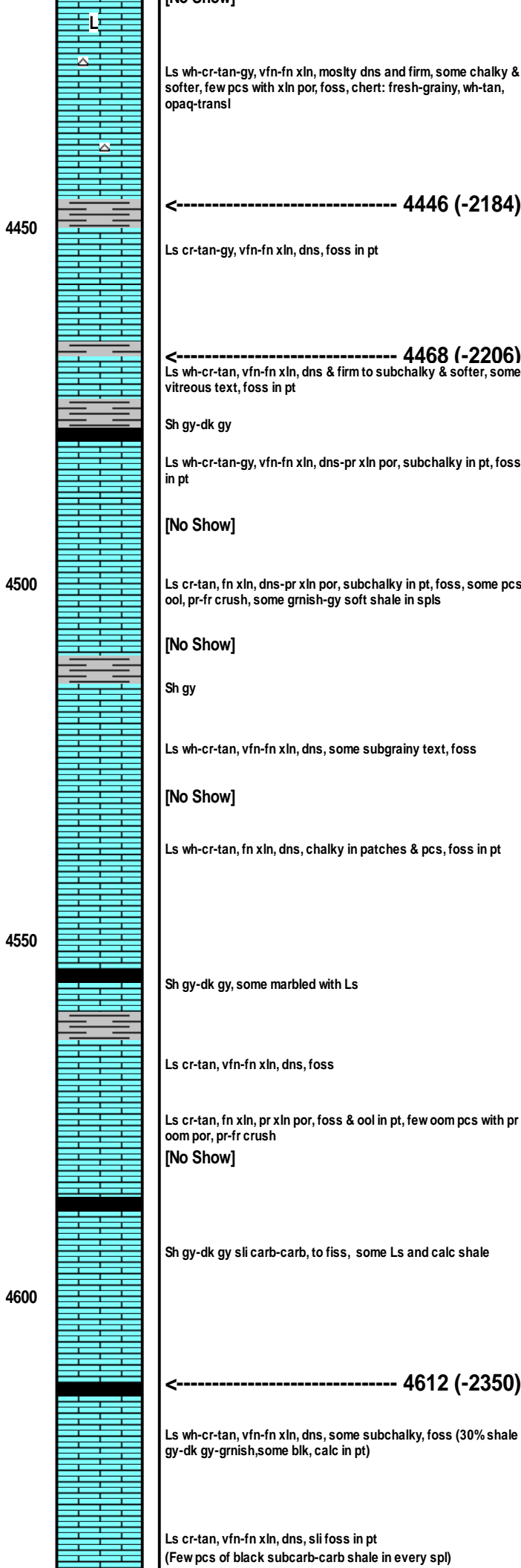
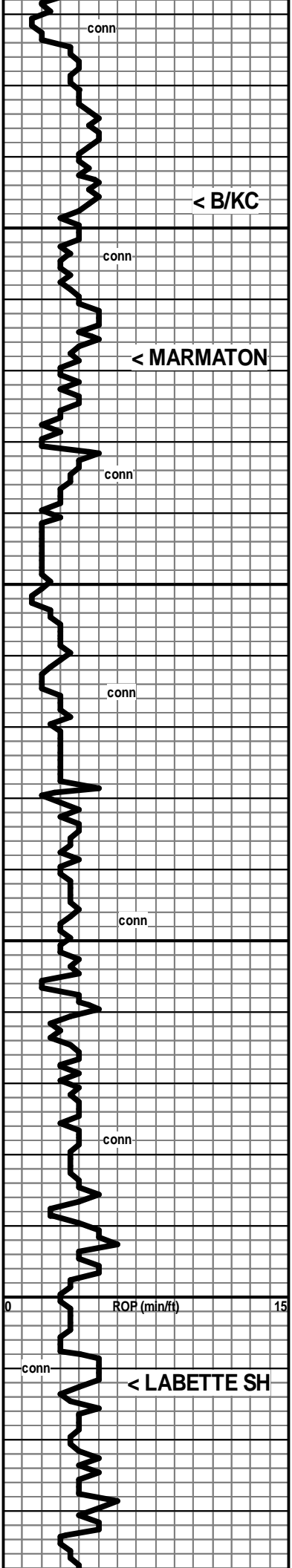
Ls cr-tan, fn xln, ool & oom, some xln por, foss in pt
[No Show]

(Few pcs black shale in 4370' spl, some pyritic, some mixed with Ls)

Ls cr-tan, fn xln, pr xln por-dns, foss, abund chert: fresh, wh, subpaq

Sh gy-grnish-black, carb in pt

Ls wh-cr-pl gy, vfn-fn xln, mosly dns & firm, some soft and chalky, foss in pt, scatt calcite patches
[No Show]



[No Show]

Ls wh-cr-tan-gy, vfn-fn xln, mosly dns and firm, some chalky & softer, few pcs with xln por, foss, chert: fresh-grainy, wh-tan, opa-qtansl

Ls cr-tan-gy, vfn-fn xln, dns, foss in pt

Ls wh-cr-tan, vfn-fn xln, dns & firm to subchalky & softer, some vitreous text, foss in pt

Sh gy-dk gy

Ls wh-cr-tan-gy, vfn-fn xln, dns-pr xln por, subchalky in pt, foss in pt

[No Show]

Ls cr-tan, fn xln, dns-pr xln por, subchalky in pt, foss, some pcs ool, pr-fr crush, some grnsh-gy soft shale in spl

[No Show]

Sh gy

Ls wh-cr-tan, vfn-fn xln, dns, some subgrainy text, foss

[No Show]

Ls wh-cr-tan, fn xln, dns, chalky in patches & pcs, foss in pt

Sh gy-dk gy, some marbled with Ls

Ls cr-tan, vfn-fn xln, dns, foss

Ls cr-tan, fn xln, pr xln por, foss & ool in pt, few oom pcs with pr oom por, pr-fr crush

[No Show]

Sh gy-dk gy sli carb-carb, to fiss, some Ls and calc shale

Ls wh-cr-tan, vfn-fn xln, dns, some subchalky, foss (30% shale gy-dk gy-grnsh, some blk, calc in pt)

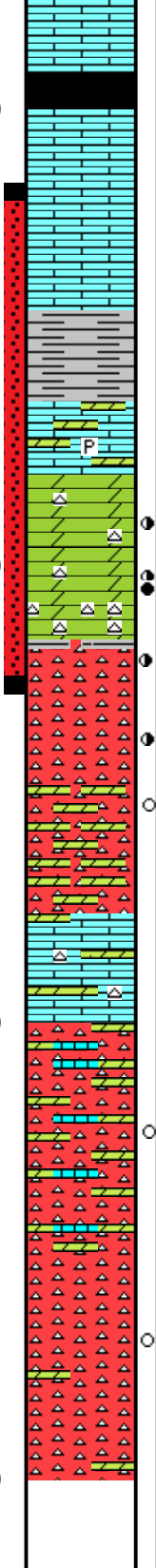
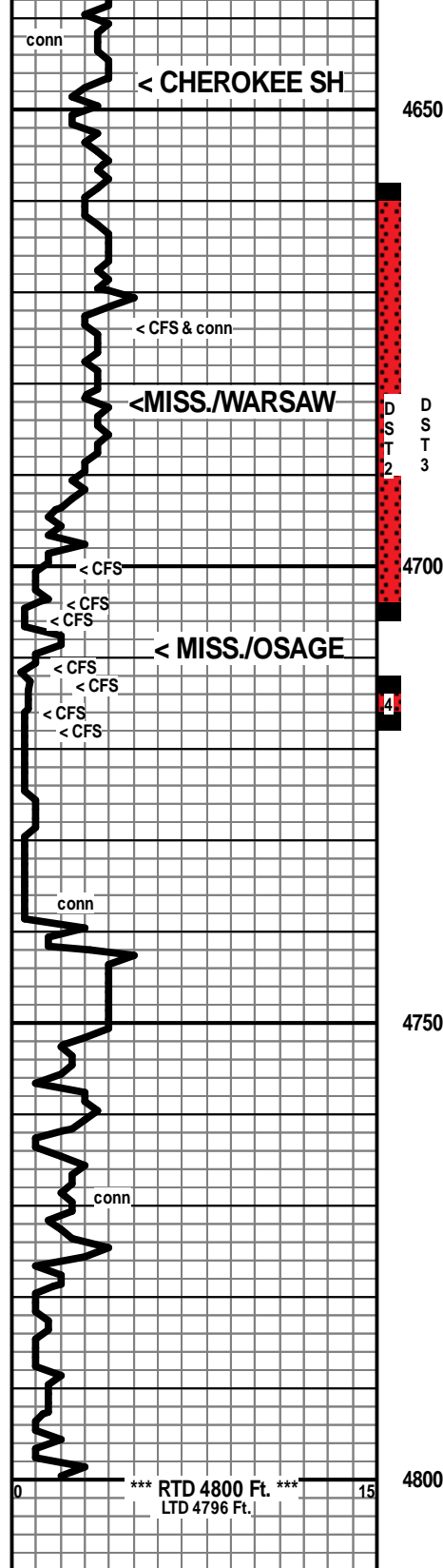
Ls cr-tan, vfn-fn xln, dns, sli foss in pt (Few pcs of black subcarb-carb shale in every spl)

7:00 AM, September 22, 2013

Mud Check, Drlg @ 4630':

Vis	Wt	WL	LCM	PV	YP
56	9.3	8.0	2	14	18
Chl	Hd	pH	Solids		
10000	40	10.5	6.4		

DST #2: 4658-4706 (Mississippi)
 Times: 30-75-60-90
 Initial Open: Wk+, built to 2" i.b.
 Final Open: Fr-, built to 3" i.b.
 Run: 25 0001 - 100% 000/...



----- 4647 (-2385)
 (4660' spl: slight incr in dk gy-black shale, subcarb-carb)

Ls wh-cr-tan, vfn-fn xln, mostly dns & firm, some subchalky & softer, sli foss in pt

[No Show]

4674' 40-min spl: some grn shale with brnsh marbling, calc in pt

4780' spl: 98% Ls, 02% Shale

4690" spl: 98% Ls, wh-cr, fn xln, subchalky to firm & dns, Rr foss; 02% gy-grnsh shale

4700' spl: same as above

4700' 20 min spl: Ls as above with approx 10% Sh-silty Sh-Shaley Siltstone, pl grn-grn, scatt pyritic, some subwaxy grnsh shale, some yell and yell/grn mix shales

4700' 40 min spl: Low % of tray Dolom cr-tan, fn xln, subsucr-sucr, pr-fr xln por, pr-fr crush, scatt glauc specks and stn; few pcs/tray of Chert: fresh-weathered, some pcs mix of each, spiculitic in pt, wh-glassy, some weath por & spic pores; more dolom in 4700 60-min spl as above

----- 4709 (-2447)

[4700-4704: v little chert in 20 min spl; 40-min spl mostly dolom, cr-tan, fn xln sucr, pr-fr xln por in pt, scatt sm vugs & pp por, glauc, pr-fr crush, no chert incr; Rr chert frags: fresh-subgrainy with weath patches, glassy-wh, transl-opaq

[4704-4706: 20min spl: dolom as above with increased vugs; Only a few fragments of chert in spl thru-out, mostly fresh as above with sli weath & patches of weath in pt

[4706-4711: 40-min spl: abund wh-cr chert, mostly fresh, some v sli subgrainy, foss/spic, opaq-subopaq-transl, few pcs v sli weath, still abund of dol; 60-min spl, abund fresh chert, wh-cr, opaq-transl, scatt Rr v sli eath patches

[4711-4713: some dol as above, mostly fresh chert as above, low% weath chert, wh, pr crush, spic in pt

[4713-4718: Chert: wh, opaq, 50% fresh with some spiculitic, 25% sli weath with a grainy text and v pr crush, 25% more weathered to sli trip with pr-gd crush and rr vugs

[4718-4740: Chert: mostly fresh, some sli grainy-sli weath text with Rr patches and pcs more weathered, pr crush

[4740-4775: 75% chert, wh, mostly fresh, some v sli-sli weath, opaq, some spiculitic, 25% Ls/Dol Ls, wh-cr, fn xln, pr-fr xln por to dns, scatt glauc specks

[4740-75: V Fnt Odor, Rr patches of brn stn, NSFO]

[4775-4800: 98% Chert, mostly fresh, wh-pl gy, opaq-subop, spic in pt, some v sli weath with subgrainy text; 02% Ls/Dol Ls, wh-cr, fn xln

[No Odor, V Rr sm patches of Dull fluor, few chert pcs with patch of stn NSFO]

IHP: 2304 FHP: 2301
 IFP: 14-27 FFP: 24-27
 ISIP: 264 FSIP: 200
 BHT: 122°F

DST #3: 4658-4713 (Mississippi)
 Times: 30-75-30-90
 Initial Open: Wk, built to 1" i.b. then died after 20 min
 Final Open: Wk, surf blow, died 5 min
 Rec: 30' VSOCM: 01%o 99%w
 IHP: 2318 FHP: 2322
 IFP: 15-21 FFP: 24-27
 ISIP: 1154 FSIP: 914
 BHT: 119°F

----- 4682 (-2420)

[4700-above: Moderate Odor, Brt even fluor in dol, mod-dull in chert, some blk resid stn, some brn stn with sli show brn FO on brk in chert and dolom]

[4700-4704: In Dolom: Mod + Odor, Abund brt even-patchy fluor, sli shows of oily scum and It brn gassy FO on brk; In Chert: scatt patches of blk resid stn with sli show It brn FO on brk]

[4704-4706: Dolom, patchy-even It brn-brn to tan stn, Stg Odor, abund brt fluor, sli show of oily scum and It brn FO; Rr chert has blk patchy resid stn, sli show FO on brk]

[4706-4711: Mild Odor, scatt brt-mod fluor, brn stn in rare patches of sli weathering, V Rr show of FO]

[4711-4713: Mild Odor, Scatt mod fluor, It brn stn in weath chert, V sli show FO where crushable]

[4713-4718: Mod Odor, abund mod patchy-even fluor, patchy-even It brn stn where not fresh, sli show It brn gassy FO on brk]

[4718-4740: Fnt Odor, Rr patches of brn stn in weathered portions-with sli show of gassy FO, mostly barren]

DST #4: 4712-4718 (Mississippi)
 Times: 30-75-60-90
 Initial Open: Wk, built to 1" i.b.
 Final Open: Wk, built to 1" i.b.
 Rec: 55' WCM 35%w 65%w
 oil spots in tool
 (Chl/wtr 18000ppm Chl/mud 16000 ppm)
 IHP: 2318 FHP: 2317
 IFP: 18-24 FFP: 26-36
 ISIP: 1530 FSIP: 1514
 BHT: 122°F

RTD 4800 ft. @ 4:30 AM,
 September 25, 2013