



KANSAS CORPORATION COMMISSION 1051948
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 6039
Name: L. D. Drilling, Inc.
Address 1: 7 SW 26TH AVE
Address 2: _____
City: GREAT BEND State: KS Zip: 67530 + 6525
Contact Person: L. D. DAVIS
Phone: (620) 793-3051
CONTRACTOR: License # 33323
Name: Petromark Drilling, LLC
Wellsite Geologist: JOSH AUSTIN
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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 #: _____

<u>11/27/2010</u>	<u>12/06/2010</u>	<u>12/17/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-185-23650-00-00

Spot Description: _____
NW NW SE NE Sec. 23 Twp. 21 S. R. 12 East West

1,625 Feet from North / South Line of Section

1,177 Feet from East / West Line of Section

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

County: Stafford

Lease Name: Monte Well #: 1-23

Field Name: STEVE

Producing Formation: ARBUCKLE

Elevation: Ground: 1837 Kelly Bushing: 1835

Total Depth: 3720 Plug Back Total Depth: 3694

Amount of Surface Pipe Set and Cemented at: 342 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: 65000 ppm Fluid volume: 610 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: _____

Operator Name: L. D. DRILLING, INC.

Lease Name: MERMIS License #: 6039

Quarter SE Sec. 23 Twp. 21 S. R. 12 East West

County: STAFFORD Permit #: D21526

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: Deanna Garrison Date: 03/08/2011



1051948

Operator Name: L. D. Drilling, Inc. Lease Name: Monte Well #: 1-23
 Sec. 23 Twp. 21 S. R. 12 East West County: Stafford

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Attached	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12.25	8.625	24	342	A-CON	175	
SURFACE CONT	12.25	8.625	24	342	COMMON	200	1/4#CF,3%CC,2%Gel
PRODUCTION	7.875	5.5	14	3853	60/40 POZMIX	180	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3603 - 3606'; 3614 - 3618'	1500 gal 28% HCL FE Acid	
4	3576 - 3580'; 3588 - 3592'	2000 gal 28% HCL FE Acid	

TUBING RECORD: Size: <u>2.375</u> Set At: <u>3691</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or ENHR: <u>12/17/2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	Monte 1-23
Doc ID	1051948

All Electric Logs Run

DUAL COMPENSATED POROSITY LOG
DUAL INDUCTION LOG
MICRORESISTIVITY LOG
SONIC CEMENT BOND LOG

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	Monte 1-23
Doc ID	1051948

Tops

ANHYDRITE	612	+1223
BASE ANHYDRITE	632	+1203
HEEBNER	3095	-1260
TORONTO	3113	-1278
DOUGLAS	3138	-1303
BROWN LIME	3222	-1387
LANSING	3240	-1405
BASE KANSAS CITY	3468	-1633
SIMPSON	3513	-1678
ARBUCKLE	3573	-1738



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 02983 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>11-30-10</u> DISTRICT <u>KANSAS</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER <u>L.A. Drilling Inc.</u>		LEASE <u>monte</u> WELL NO. <u>1-23</u>								
ADDRESS		COUNTY <u>Stafford 23-21-19</u> STATE <u>KANS.</u>								
CITY STATE		SERVICE CREW <u>A. Worth, C. Vorch, J. E. Rountree</u>								
AUTHORIZED BY		JOB TYPE: <u>8 5/8" Surface, CNW</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>28443 PU</u>	<u>1 1/2</u>						<u>11-29-10</u>			<u>500</u>
<u>27463 PT</u>	<u>1 1/2</u>					ARRIVED AT JOB	<u>11-30-10</u>			<u>1138</u>
<u>19832-19862</u>	<u>1 1/2</u>					START OPERATION	<u>11-30-10</u>			<u>300</u>
						FINISH OPERATION	<u>11-30-10</u>			<u>430</u>
						RELEASED	<u>11-30-10</u>			<u>530</u>
						MILES FROM STATION TO WELL				<u>45. mi / hr</u>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP101	A-CON Blend Common	SK	175		\$ 3150 00
CP100	Common	SK	200		\$ 3200 00
CC102	cell FLAKE	lb	94		\$ 347 80
CC109	calcium chloride	lb	1029		\$ 1111 95
CC200	cement Gel	lb	326		\$ 94 00
CF153	wooden cement Plug 8 5/8"	EA	1		\$ 160 00
E100	Unit m. lease charge P.ckup	mi	45		\$ 191 25
E101	Heavy Equip m. lease charge	mi	90		\$ 630 00
E113	Bulk Delivery charge	TM	794		\$ 1270 80
CF200	Depth Charge 0-500'	4-hrs	1		\$ 1000 00
CF240	Blending & mixing service chg.	SK	325		\$ 325 00
GF504	Plug container utilization chg.	Job	1		\$ 250 00
5003	Service Supervisor first 8 hrs on P.ck.	EA	1		\$ 175 00

SUB TOTAL
DLS \$ 8474 06

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
TOTAL	

CHEMICAL / ACID DATA:			

SERVICE REPRESENTATIVE <u>A. Worth</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>A. Worth</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer L.O. Drilling INC	Lease No.	Date 11-30-10
Lease Monte	Well # 1-23	
Field Order # 02983A	Station Pratt KS	Casing 8 7/8"
Type Job 8 5/8 SURFACE	Formation CNW	Depth 342'
		County Stafford
		State KS
		Legal Description 23-21-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 8 7/8"	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 342'	Depth	From	To	Pre Pad	Max		5 Min.
Volume 20 BBL	Volume	From	To	Pad	Min		10 Min.
Max Press 250 #	Max Press	From	To	Frac	Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 52'	Packer Depth	From	To	Flush Disc H2O	Gas Volume		Total Load

Customer Representative Jim	Station Manager scotty	Treater Allen F Worth
Service Units 78443, 77463, 19832, 19862		
Driver Names Worth, Welch, Hunter		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1138					on loc. discuss safety, setup, plan job.
1145					start out of hole w/ Drill Pipe.
1200					out of hole w/ Bit
1230					start 8 5/8" casing. 24 #
1250					(Casing @ 342' CIR w/ Rig)
					Run 4 Jts Hit Bridge
					Pull casing & Run back IN W/D.P.
					Reconciliation Hole
310					Casing @ 342' CIR w/ Rig, good circ.
	200 #		66	4	start mix 175 SKs A-cnw @ 12.6 #
				4	start mix 200 SKs common w/
			48		2% gel, 3% CC, 1/4" C.F @ 15 #
					Finish mix - Drop wooden Plug 8 7/8"
410				4	start Disc.
	250 #		20	2	Plug down - shut in @ well
	0 #				Release PST
					washup & Back up P. t.
530					Job complete
					(Cement CIR To Pit)
					thanks Allen, Chris, TR.



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 03376 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>12-1-10</u>	DISTRICT <u>1718</u>	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:		
CUSTOMER <u>L.D. Donly Inc.</u>	LEASE <u>Monte 1-23</u>	WELL NO.							
ADDRESS	COUNTY <u>Stafford</u>	STATE <u>KS</u>							
CITY	STATE	SERVICE CREW <u>Pratt KS</u>							
AUTHORIZED BY	JOB TYPE: <u>CBW 542 L.S.</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<u>19963</u>	<u>1</u>						<u>12-1-10</u>		<u>0500</u>
<u>19905</u>	<u>1</u>					ARRIVED AT JOB		AM	<u>0630</u>
<u>19860</u>	<u>1</u>					START OPERATION		AM	<u>0945</u>
<u>19959</u>	<u>1</u>					FINISH OPERATION		AM	<u>1015</u>
						RELEASED		AM	<u>1045</u>
						MILES FROM STATION TO WELL			<u>45</u>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: L.D. Davis By D Scott
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP103	60-40 p22	SK	150		1800 -
CP103	60-40 p22	SK	30		360 -
CE102	Cell Flake	Lb	38		140 60
CE111	Salt	Lb	1334		667 -
CE112	Friction Reducer	Lb	65		390 -
CE201	Gilsewite	Lb	750		502 50
CF103	Top Swivel Plug 542	EQ	1		105 -
CF251	Guide Shoe	"	"		250 -
CF1451	IS FV w/Fill	"	"		215 -
CF1651	Centralizers	EQ	5		550 -
CF704	KCL Sub	gal	1		35 -
CE151	Mud Flush	gal	500		430 -
E100	Pick up mileage 1 way	mi	45		191 25
E101	Trk mileage 1 way	mi	90		630 -
E113	Bulk Delv	tm	349		558 -
CE204	Pump Charge 1-4000	EQ	1		2160 -
CE210	Blending Charge	SK	180		252 -
CE304	Plug Container	EQ	1		250 -
5003	Service Supv.	EQ	1		175 -
SUB TOTAL					

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

TOTAL 6473 10
Bw

SERVICE REPRESENTATIVE <u>D L Scott</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>L.D. Davis By D Scott</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO.

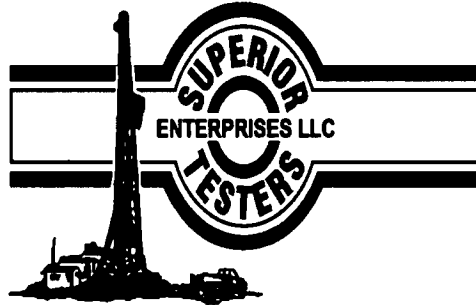
Customer L.D. Davis	Lease No.	Date 12-7-10
Lease Monte	Well # 1-23	
Field Order # 03376	Station Pratt KS	Casing
Type Job CWU 5 1/2 Longstring	Depth	County Stafford
	Formation	State KS
		Legal Description

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid 150 sk. 60-40 p2	RATE	PRESS	ISIP	
Depth 3698	Depth	From	To	Pre Pad 2% Gel 18% Salt	Max		5 Min.	
Volume 2.2	Volume	From	To	Pad # 6 1/4 Cellflak	Min		10 Min.	
Max Press 1500	Max Press	From	To	Frac 3 FR	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative L.D. Davis	Station Manager Scotty	Treater Scotty
----------------------------------------------	----------------------------------	--------------------------

Service Units	Var	19903	19905	19959	19860				
Driver Names	Scotty	Kecum	Lesley	JR	Hunter				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0930					Called Out
0930					On hoc w/TKS Safety Mtg
					Run 88J+ 5 1/2 Set @ 3712'
					G.S. ISFV Cent 1-3-5-7-9
					Csg on Bottom Pipe 1 hr
0945	400		20	6	St 2% KCL Flush
0948	400		12	6	St mud Flush
0950	400		5	6	H2O spacer
0952	400		31.5	6	Mix Pmt @ 15.3ppg 150 sk's
0958			10	6	Finish mixing, Close w/H Work Pump
1000					Release Plug + St Disp w/H2O
1012	700		80	6	Lift Pmt
1015	1300		92	6	Plug Down
1016	6				Release psi Held
					Plug R.H. w/30 sk's
					Job Complete
					Thank you
					Scotty



DRILL STEM TEST REPORT

Prepared For: **L D DRILLING INC.**

7SW 26TH AVE
67530+6525

GREAT BEND KS

ATTN: JOSH AUSTIN

23-21-12 STAFFORD

MONTE #1-23

Start Date: 2010.12.03 @ 17:23:00

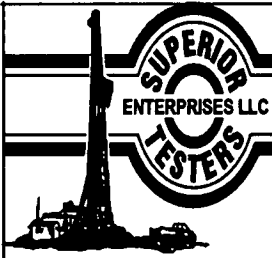
End Date: 2010.12.04 @ 00:04:30

Job Ticket #: 15683 DST #: 1

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

Printed: 2010.12.04 @ 00:53:55

L D DRILLING INC. MONTE #1-23 23-21-12 STAFFORD DST # 1 LANSING KC (ZONE H, 2010.12.03



DRILL STEM TEST REPORT

L D DRILLING INC.
 7SW 26TH AVE GREAT BEND KS
 67530+6525
 ATTN: JOSH AUSTIN

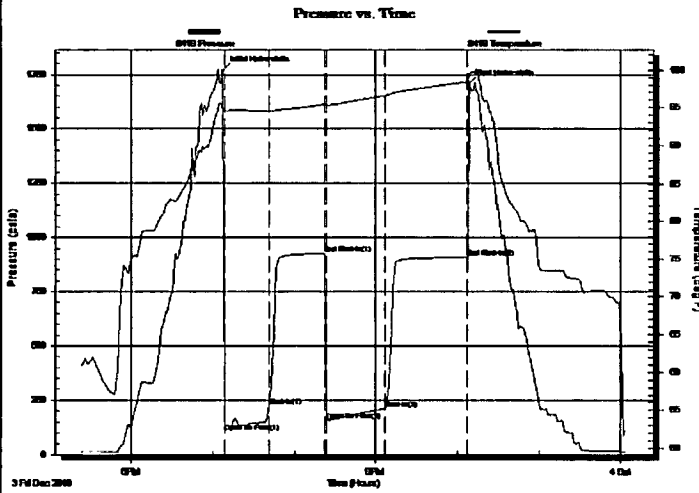
MONTE #1-23
23-21-12 STAFFORD
 Job Ticket: 15683 DST#: 1
 Test Start: 2010.12.03 @ 17:23:00

GENERAL INFORMATION:

Formation: **LANSING KC (ZONE H,**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:08:30
 Time Test Ended: 00:04:30
 Interval: **3368.00 ft (KB) To 3475.00 ft (KB) (TVD)**
 Total Depth: **3475.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: JARED SCHECK
 Unit No: 3320-GB-44
 Reference Elevations: 1835.00 ft (KB)
 1830.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8419 Inside
 Press@RunDepth: 211.42 psia @ 3471.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.12.03 End Date: 2010.12.04 Last Calib.: 2010.12.04
 Start Time: 17:23:00 End Time: 00:04:30 Time On Btm: 2010.12.03 @ 19:07:30
 Time Off Btm: 2010.12.03 @ 22:08:30

TEST COMMENT: 30/INITIAL OPEN:TRONG BLOW BUILT BOTTOM OF BUCKET IN 6 MINUTES
 45/INITIAL SHUT IN:1/2 INCH BLOW BACK
 45/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 2 MINUTES
 60/FINAL SHUT IN:BOTTOM OF BUCKET



PRESSURE SUMMARY

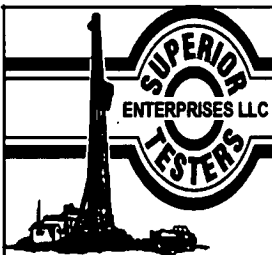
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1769.69	94.93	Initial Hydro-static
1	103.01	94.48	Open To Flow (1)
34	225.30	94.49	Shut-in(1)
75	926.97	95.43	End Shut-in(1)
76	159.42	95.29	Open To Flow (2)
120	211.42	96.61	Shut-in(2)
180	909.48	98.42	End Shut-in(2)
181	1707.47	99.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	WATER 5%OIL 95%WATER	0.59
120.00	GASSEY OIL CUT WATER	1.68
0.00	40%GAS 45% OIL 5%MUD 10%WATER	0.00
120.00	GASSEY OIL CUTWATER	1.68
0.00	45%GAS 30%OIL %5MUD 20%WATER	0.00
0.00	CHLORIDES 65,000	0.00

Gas Rates

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



DRILL STEM TEST REPORT

L D DRILLING INC.
 7SW 26TH AVE GREAT BEND KS
 67530+6525
 ATTN: JOSH AUSTIN

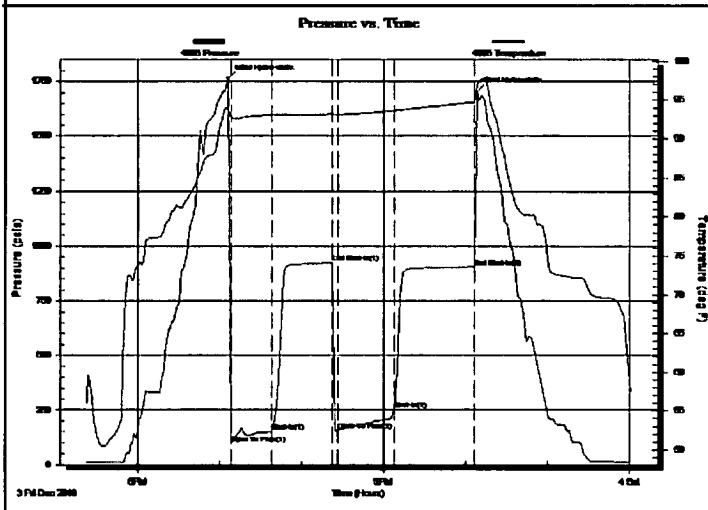
MONTE #1-23
23-21-12 STAFFORD
 Job Ticket: 15683 DST#: 1
 Test Start: 2010.12.03 @ 17:23:00

GENERAL INFORMATION:

Formation: **LANSING KC (ZONE H,**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:08:30
 Time Test Ended: 00:04:30
 Interval: **3368.00 ft (KB) To 3475.00 ft (KB) (TVD)**
 Total Depth: **3475.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: JARED SCHECK
 Unit No: 3320-GB-44
 Reference Elevations: 1835.00 ft (KB)
 1830.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 4005 Outside
 Press@RunDepth: 905.91 psia @ 3472.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.12.03 End Date: 2010.12.04 Last Calib.: 2010.12.04
 Start Time: 17:23:00 End Time: 00:01:09 Time On Btm: 2010.12.03 @ 19:06:09
 Time Off Btm: 2010.12.03 @ 22:08:10

TEST COMMENT: 30/INITIAL OPEN:TRONG BLOW BUILT BOTTOM OF BUCKET IN 6 MINUTES
 45/INITIAL SHUT IN:1/2 INCH BLOW BACK
 45/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 2 MINUTES
 60/FINAL SHUT IN:BOTTOM OF BUCKET



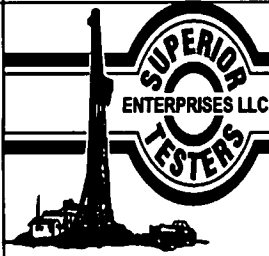
PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1765.57	93.76	Initial Hydro-static
3	96.67	92.72	Open To Flow (1)
33	151.83	93.05	Shut-In(1)
77	923.86	93.17	End Shut-In(1)
81	158.57	93.14	Open To Flow (2)
123	251.66	93.62	Shut-In(2)
181	905.91	94.74	End Shut-In(2)
183	1706.81	96.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	WATER 5%OIL 95%WATER	0.59
120.00	GASSEY OIL CUT WATER	1.68
0.00	40%GAS 45% OIL 5%MUD 10%WATER	0.00
120.00	GASSEY OIL CUTWATER	1.68
0.00	45%GAS 30%OIL %5MUD 20%WATER	0.00
0.00	CHLORIDES 65,000	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L D DRILLING INC.

MONTE #1-23

7SW 26TH AVE GREAT BEND KS
67530+6525

23-21-12 STAFFORD

Job Ticket: 15683 DST#: 1

ATTN: JOSH AUSTIN

Test Start: 2010.12.03 @ 17:23:00

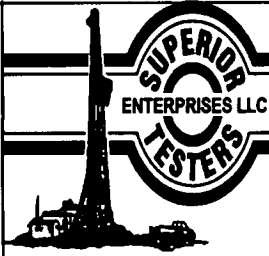
Tool Information

Drill Pipe:	Length: 3236.00 ft	Diameter: 3.80 inches	Volume: 45.39 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 45.98 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3368.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	107.00 ft			
Tool Length:	128.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3348.00	
Shut-In Tool	5.00			3353.00	
Hydrolic Tool	5.00			3358.00	
Recorder	5.00			3363.00	
Packer	5.00			3368.00	21.00 Bottom Of Top Packer
Change Over Sub	0.75			3368.75	
DRILL PIPE	63.50			3432.25	
Change Over Sub	0.75			3433.00	
Perforations	37.00			3470.00	
Recorder	1.00	8419	Inside	3471.00	
Recorder	1.00	4005	Outside	3472.00	
Bullnose	3.00			3475.00	107.00 Anchor Tool

Total Tool Length: 128.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L D DRILLING INC.

MONTE #1-23

7SW 26TH AVE GREAT BEND KS
67530+6525

23-21-12 STAFFORD

Job Ticket: 15683 DST#: 1

ATTN: JOSH AUSTIN

Test Start: 2010.12.03 @ 17:23:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 64.00 sec/qt
Water Loss: 10.40 in³
Resistivity: ohm.m
Salinity: 4000.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

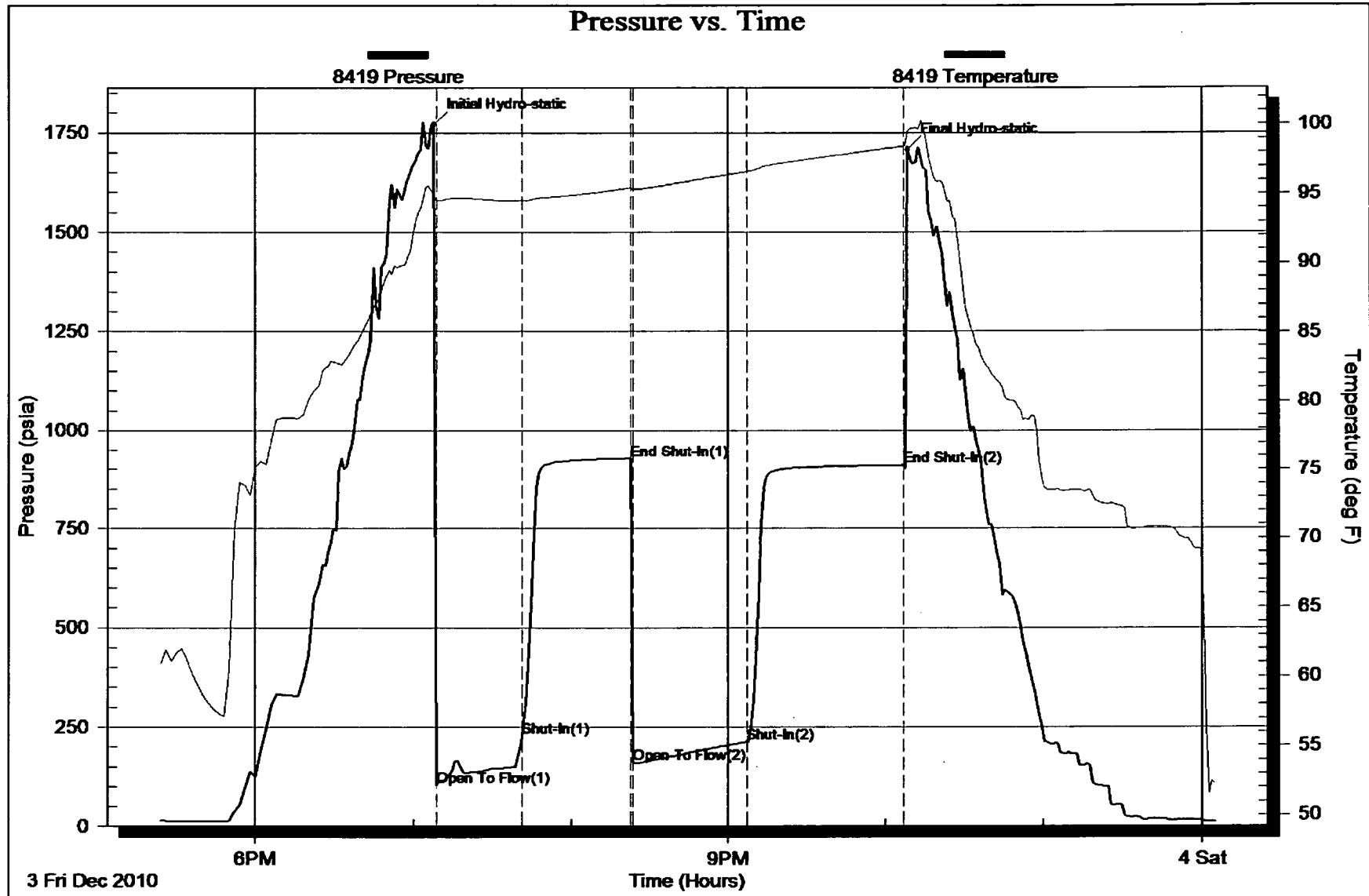
Length ft	Description	Volume bbl
120.00	WATER 5%OIL 95%WATER	0.590
120.00	GASSEY OIL CUT WATER	1.683
0.00	40%GAS 45% OIL 5%MUD 10%WATER	0.000
120.00	GASSEY OIL CUTWATER	1.683
0.00	45%GAS 30%OIL %5MUD 20%WATER	0.000
0.00	CHLORIDES 65,000	0.000
0.00	RESISTIVITY .8 @65 DEGREES	0.000

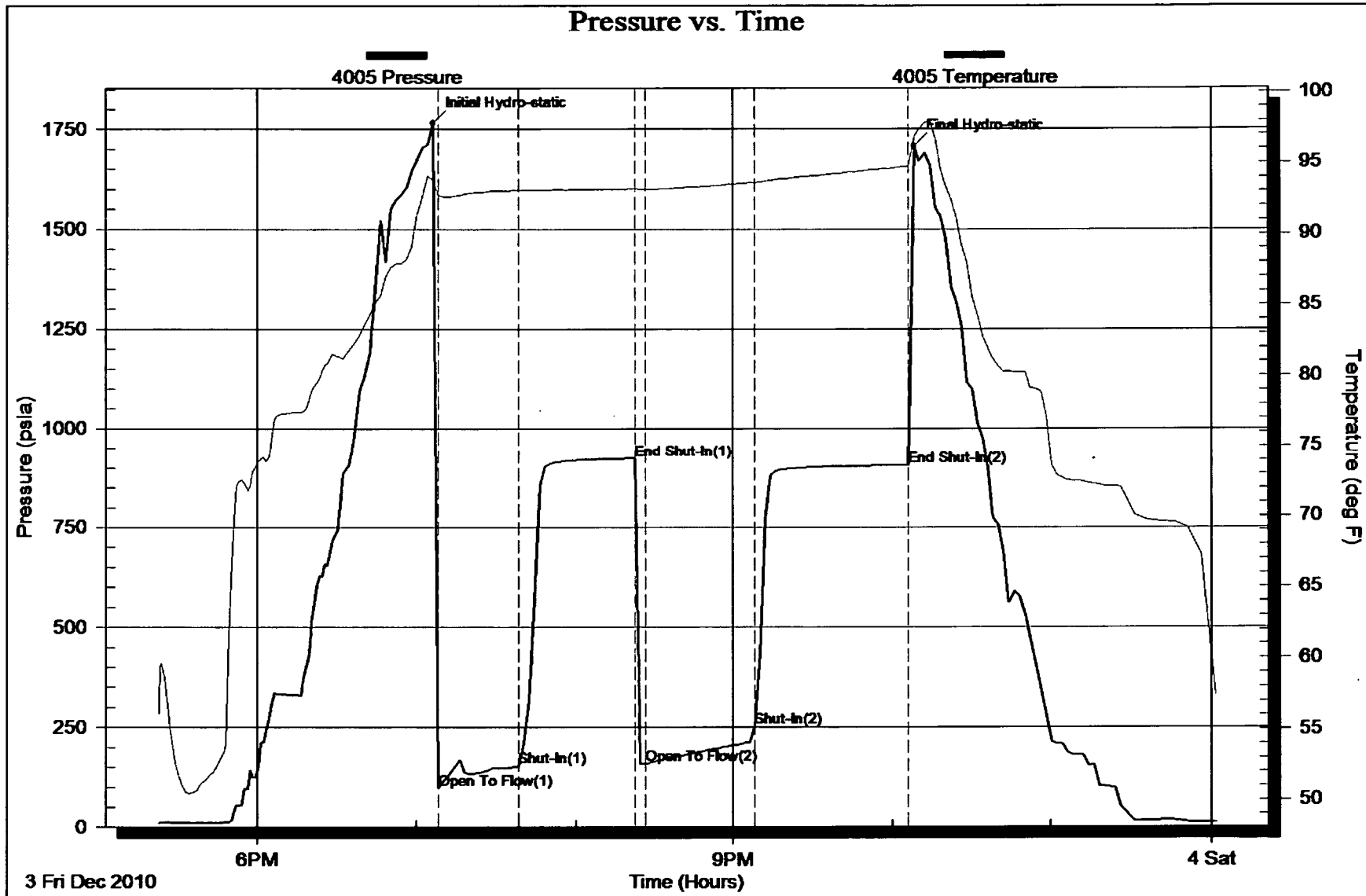
Total Length: 360.00 ft Total Volume: 3.956 bbl

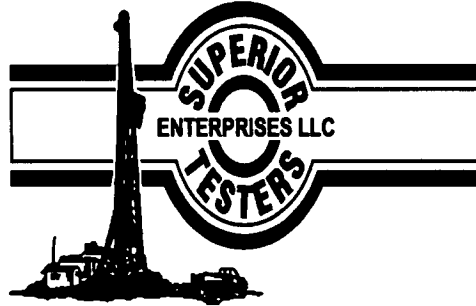
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: CHLORIDES 65,000
RESISTIVITY .8 @ 65 DEGREES







DRILL STEM TEST REPORT

Prepared For: **L D DRILLING INC.**

7SW 26TH AVE GREAT BEND KS
67530+6525

ATTN: JOSH AUSTIN

23-21-12 STAFFORD

MONTE #1-23

Start Date: 2010.12.04 @ 08:58:00

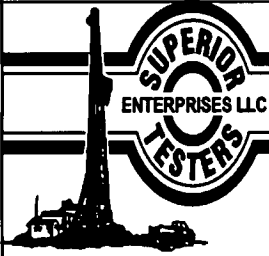
End Date: 2010.12.04 @ 14:15:00

Job Ticket #: 15684 DST #: 2

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

Printed: 2010.12.04 @ 14:33:30

L D DRILLING INC. MONTE #1-23 23-21-12 STAFFORD DST # 2 CONGLOMERATE 2010.12.04



DRILL STEM TEST REPORT

L D DRILLING INC.

MONTE #1-23

7SW 26TH AVE GREAT BEND KS
67530+6525

23-21-12 STAFFORD

Job Ticket: 15684 DST#: 2

ATTN: JOSH AUSTIN

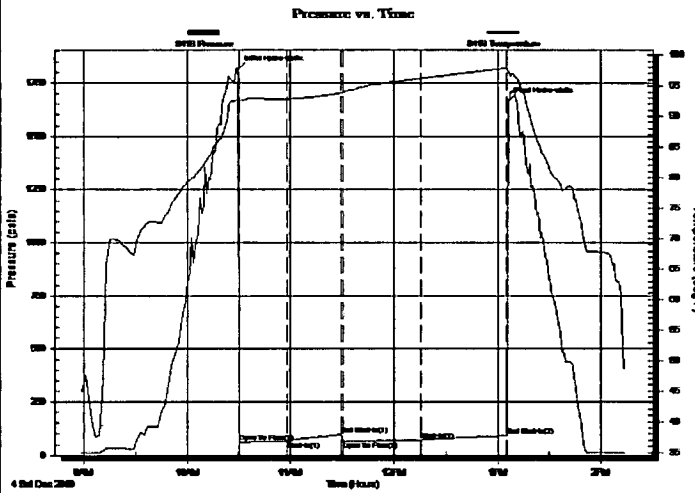
Test Start: 2010.12.04 @ 08:58:00

GENERAL INFORMATION:

Formation: **CONGLOMERATE**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 10:30:30 Tester: JARED SCHECK
 Time Test Ended: 14:15:00 Unit No: 3320-44-GB
 Interval: 3470.00 ft (KB) To 3535.00 ft (KB) (TVD) Reference Elevations: 1835.00 ft (KB)
 Total Depth: 3535.00 ft (KB) (TVD) 1830.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8419 Inside
 Press@RunDepth: 71.85 psia @ 3531.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.12.04 End Date: 2010.12.04 Last Calib.: 2010.12.04
 Start Time: 08:58:00 End Time: 14:15:00 Time On Btm: 2010.12.04 @ 10:29:30
 Time Off Btm: 2010.12.04 @ 13:06:30

TEST COMMENT: 30/INITIAL OPEN:WEAK BUT BUILDING BLOW BUILT 1 INCH INTO WATER IN 30 MINUTES
 30/INITIAL SHUT IN:NO BLOW BACK
 45/FINAL OPEN:VERY WEAK SURFACE BLOW STAYED STEADY THROUGHOUT OPEN
 45/FINAL SHUT IN:NO BLOW BACK



PRESSURE SUMMARY

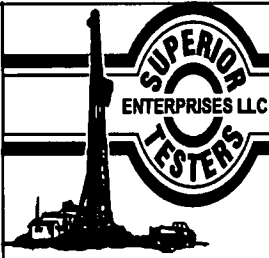
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1814.94	92.62	Initial Hydro-static
1	62.31	92.45	Open To Flow (1)
29	65.61	92.85	Shut-In(1)
60	96.68	93.84	End Shut-In(1)
61	66.81	93.97	Open To Flow (2)
106	71.85	96.19	Shut-In(2)
156	92.78	97.86	End Shut-In(2)
157	1665.74	97.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	MUD 100%	0.10

Gas Rates

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



DRILL STEM TEST REPORT

L D DRILLING INC.
 7SW 26TH AVE GREAT BEND KS
 67530+6525
 ATTN: JOSH AUSTIN

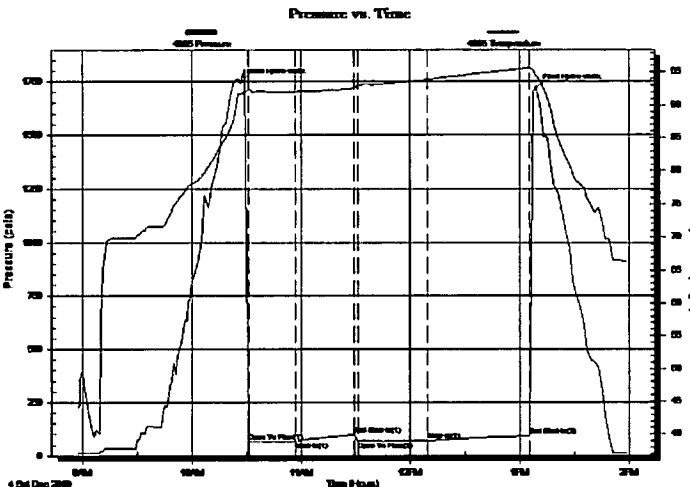
MONTE #1-23
23-21-12 STAFFORD
 Job Ticket: 15684 DST#: 2
 Test Start: 2010.12.04 @ 08:58:00

GENERAL INFORMATION:

Formation: **CONGLOMERATE**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:30:30
 Time Test Ended: 14:15:00
 Interval: **3470.00 ft (KB) To 3535.00 ft (KB) (TVD)**
 Total Depth: 3535.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: JARED SCHECK
 Unit No: 3320-44-GB
 Reference Elevations: 1835.00 ft (KB)
 1830.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 4005 Outside
 Press@RunDepth: 93.48 psia @ 3532.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.12.04 End Date: 2010.12.04 Last Calib.: 2010.12.04
 Start Time: 08:58:00 End Time: 13:59:09 Time On Btm: 2010.12.04 @ 10:27:09
 Time Off Btm: 2010.12.04 @ 13:09:10

TEST COMMENT: 30/INITIAL OPEN:WEAK BUT BUILDING BLOW BUILT 1 INCH INTO WATER IN 30 MINUTES
 30/INITIAL SHUT IN:NO BLOW BACK
 45/FINAL OPEN:VERY WEAK SURFACE BLOW STAYED STEADY THROUGHOUT OPEN
 45/FINAL SHUT IN:NO BLOW BACK



PRESSURE SUMMARY

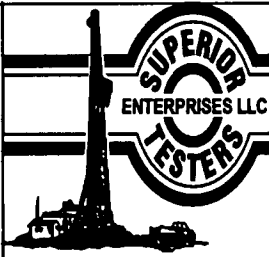
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1745.10	91.74	Initial Hydro-static
5	64.02	92.40	Open To Flow (1)
31	66.84	92.04	Shut-In(1)
63	97.55	92.52	End Shut-In(1)
65	67.97	92.91	Open To Flow (2)
103	71.10	93.87	Shut-In(2)
159	93.48	95.65	End Shut-In(2)
163	1720.28	94.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	MUD 100%	0.10

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L D DRILLING INC.

MONTE #1-23

7SW 26TH AVE GREAT BEND KS
67530+6525

23-21-12 STAFFORD

Job Ticket: 15684 DST#: 2

ATTN: JOSH AUSTIN

Test Start: 2010.12.04 @ 08:58:00

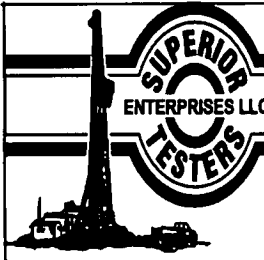
Tool Information

Drill Pipe:	Length: 3332.00 ft	Diameter: 3.80 inches	Volume: 46.74 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 53000.00 lb
			<u>Total Volume: 47.33 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3470.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	86.00 ft			
Number of Packers:	2	Diameter: 6.88 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3450.00	
Shut-In Tool	5.00			3455.00	
Hydrolic Tool	5.00			3460.00	
Recorder	5.00			3465.00	
Packer	5.00			3470.00	21.00 Bottom Of Top Packer
Change Over Sub	0.75			3470.75	
Drill Pipe	31.50			3502.25	
Change Over Sub	0.75			3503.00	
Perforations	27.00			3530.00	
Recorder	1.00	8419	Inside	3531.00	
Recorder	1.00	4005	Outside	3532.00	
Bullnose	3.00			3535.00	65.00 Anchor Tool

Total Tool Length: 86.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L D DRILLING INC. **MONTE #1-23**
 7SW 26TH AVE GREAT BEND KS **23-21-12 STAFFORD**
 67530+6525 Job Ticket: 15684 **DST#: 2**
 ATTN: JOSH AUSTIN Test Start: 2010.12.04 @ 08:58:00

Mud and Cushion Information

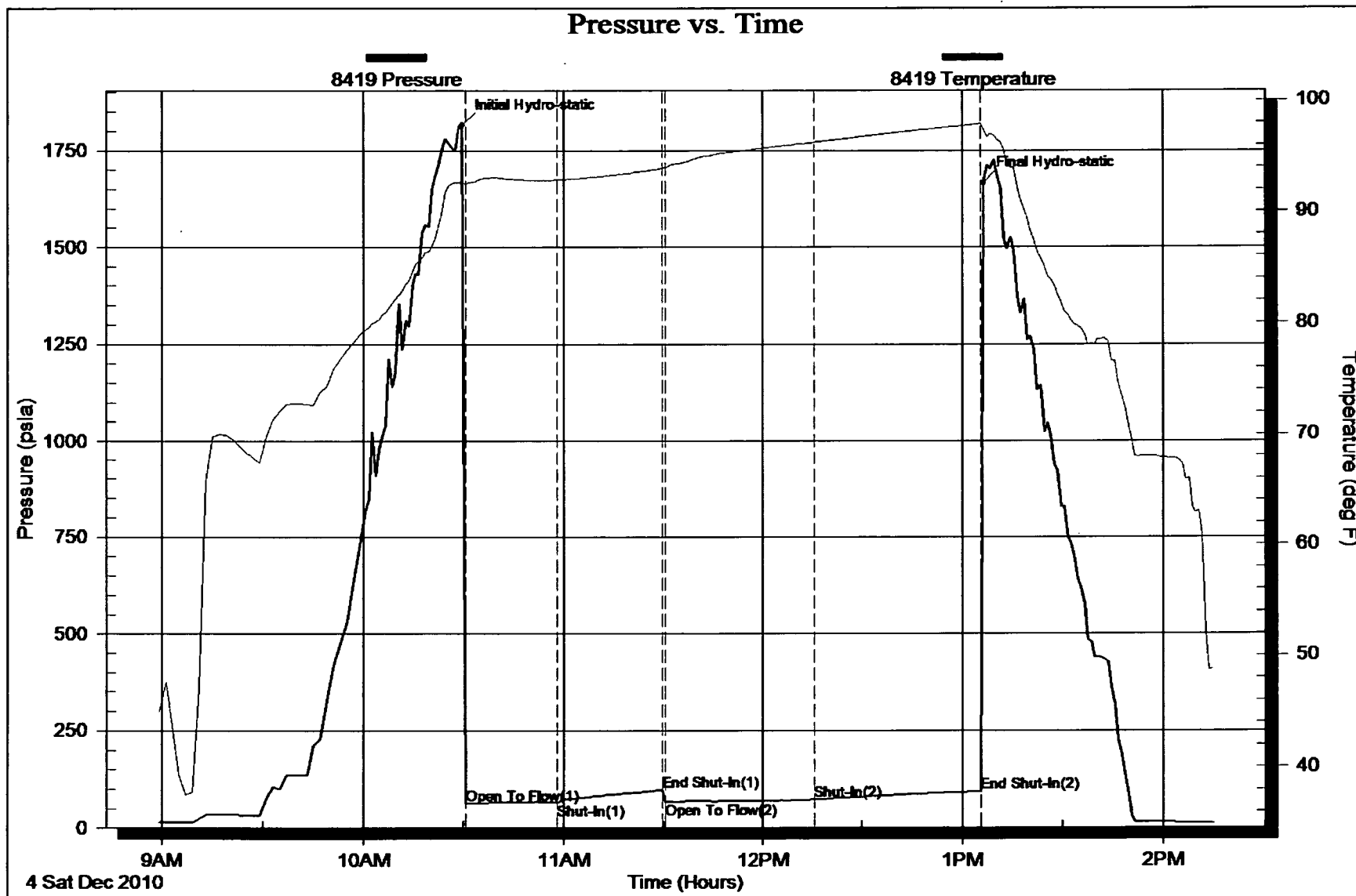
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 8000.00 ppm			
Filter Cake: 2.00 inches			

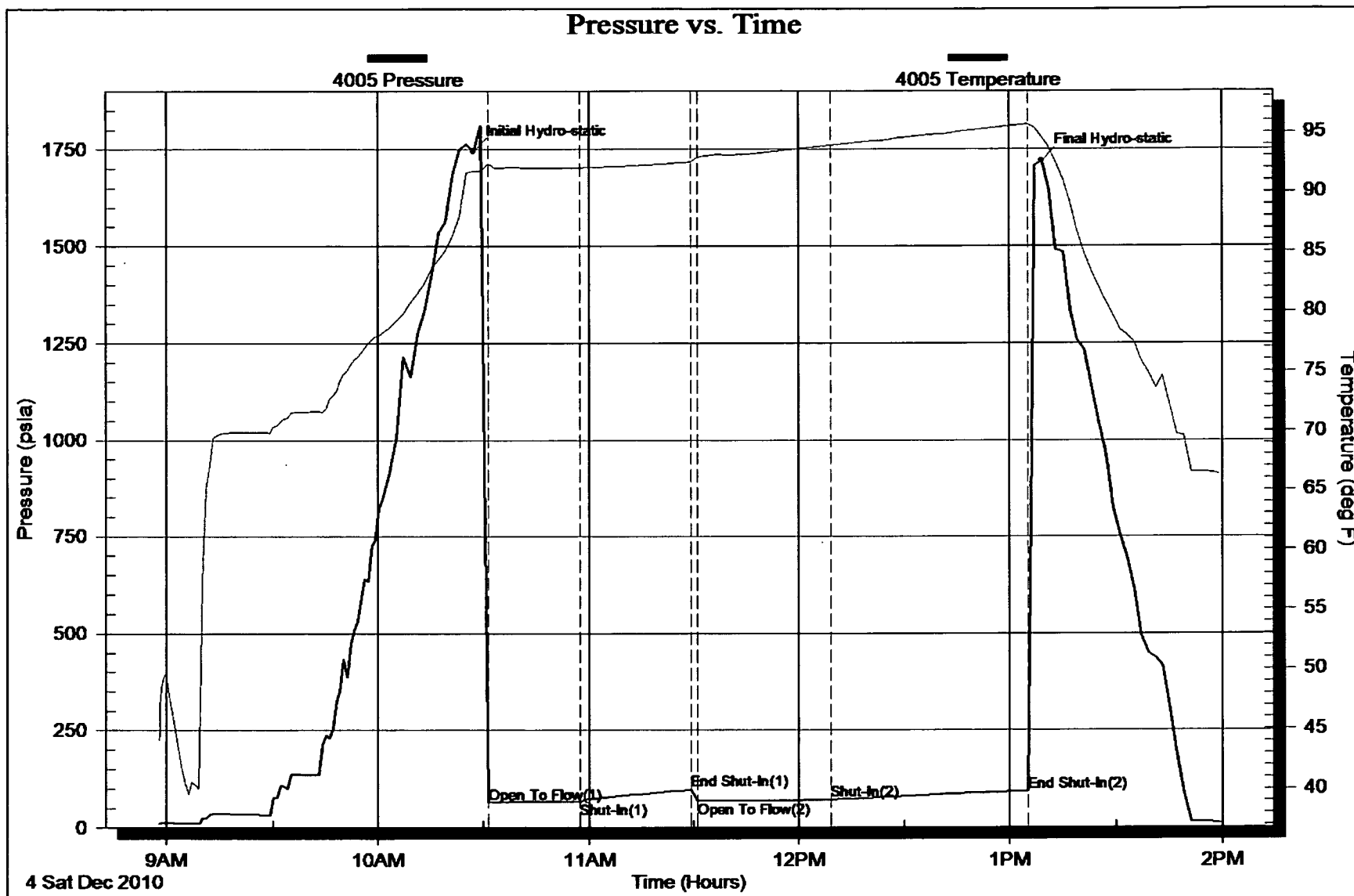
Recovery Information

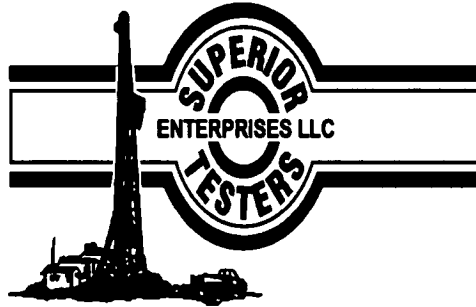
Recovery Table

Length ft	Description	Volume bbl
20.00	MUD 100%	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **L D DRILLING INC.**

7SW 26TH AVE GREAT BEND KS
67530+6525

ATTN: JOSH AUSTIN

23-21-12 STAFFORD

MONTE #1-23

Start Date: 2010.12.04 @ 20:35:00

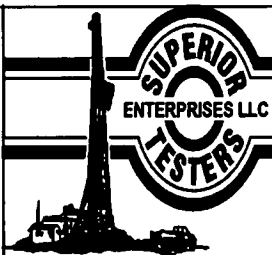
End Date: 2010.12.04 @ 15:00:00

Job Ticket #: 15685 DST #: 3

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

Printed: 2010.12.05 @ 03:21:29

L D DRILLING INC. MONTE #1-23 23-21-12 STAFFORD DST # 3 ARBUCKLE 2010.12.04



DRILL STEM TEST REPORT

L D DRILLING INC.
 7SW 26TH AVE GREAT BEND KS
 67530+6525
 ATTN: JOSH AUSTIN

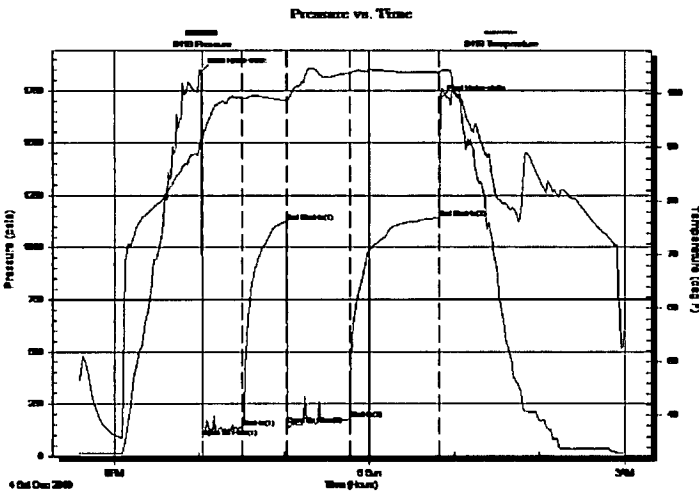
MONTE #1-23
23-21-12 STAFFORD
 Job Ticket: 15685 DST#: 3
 Test Start: 2010.12.04 @ 20:35:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:02:30
 Time Test Ended: 15:00:00
 Interval: **3530.00 ft (KB) To 3585.00 ft (KB) (TVD)**
 Total Depth: **3585.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: JARED SCHECK
 Unit No: 3320-44-GB
 Reference Elevations: 1835.00 ft (KB)
 1830.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8419 Inside
 Press@RunDepth: 176.78 psia @ 3581.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.12.04 End Date: 2010.12.05 Last Calib.: 2010.12.05
 Start Time: 20:35:00 End Time: 03:00:00 Time On Btm: 2010.12.04 @ 22:02:00
 Time Off Btm: 2010.12.05 @ 00:50:30

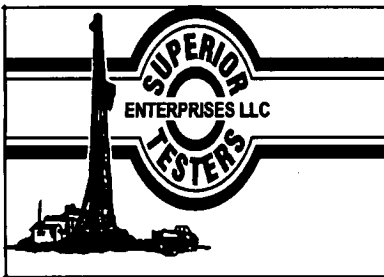
TEST COMMENT: 30/INITIAL OPEN: STRONG BLOW BUILT BOTTOM OF BUCKET IN 16 MINUTES
 30/INITIAL SHUT IN: 6 INCH BLOW BACK
 45/FINAL OPEN: STRONG BLOW BUILT BOTTOM OF BUCKET IN 15 MINUTES
 60/FINAL SHUT IN: 3 INCHES FROM BOTTOM OF BUCKET



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1840.76	91.63	Initial Hydro-static
1	88.31	91.46	Open To Flow (1)
29	137.14	99.16	Shut-In(1)
60	1121.78	98.78	End Shut-In(1)
61	149.21	98.77	Open To Flow (2)
104	176.78	103.80	Shut-In(2)
167	1140.56	104.01	End Shut-In(2)
169	1709.52	104.24	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
120.00	MUDDY OIL 30% OIL 70% MUD	0.73
280.00	GASSEY OIL 30% GAS 60% OIL 10% MUD	3.93
0.00	600 GAS IN PIPE	0.00
0.00	GRAVITY OIL 43	0.00

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



DRILL STEM TEST REPORT

L D DRILLING INC.
 7SW 26TH AVE GREAT BEND KS
 67530+6525
 ATTN: JOSH AUSTIN

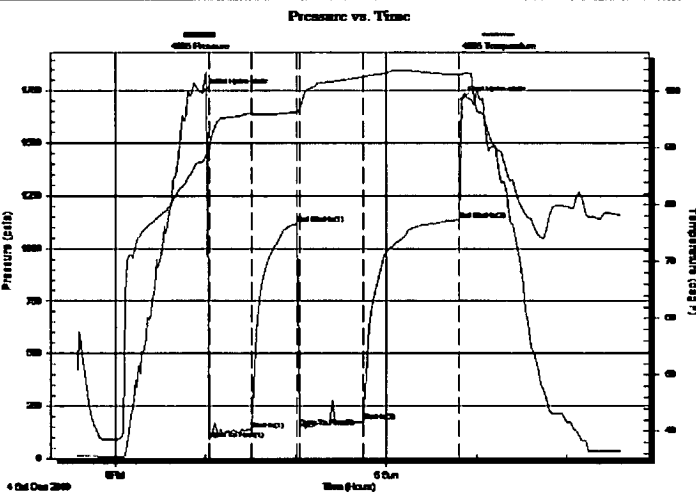
MONTE #1-23
23-21-12 STAFFORD
 Job Ticket: 15685 DST#: 3
 Test Start: 2010.12.04 @ 20:35:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:02:30
 Time Test Ended: 15:00:00
 Interval: **3530.00 ft (KB) To 3585.00 ft (KB) (TVD)**
 Total Depth: **3585.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: JARED SCHECK
 Unit No: 3320-44-GB
 Reference Elevations: 1835.00 ft (KB)
 1830.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 4005 Outside
 Press@RunDepth: 1135.56 psia @ 3582.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.12.04 End Date: 2010.12.05 Last Calib.: 2010.12.05
 Start Time: 20:35:00 End Time: 02:36:09 Time On Btm: 2010.12.04 @ 21:58:10
 Time Off Btm: 2010.12.05 @ 00:50:10

TEST COMMENT: 30/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 16 MINUTES
 30/INITIAL SHUT IN:6 INCH BLOW BACK
 45/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 15 MINUTES
 60/FINAL SHUT IN: 3 INCHES FROM BOTTOM OF BUCKET



PRESSURE SUMMARY

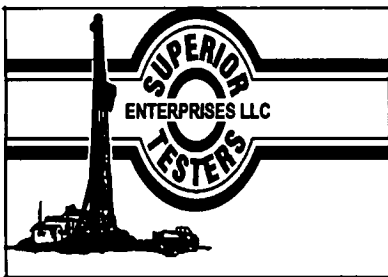
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1741.35	87.52	Initial Hydro-static
4	90.65	90.10	Open To Flow (1)
32	137.94	96.18	Shut-in(1)
62	1117.02	96.35	End Shut-in(1)
64	149.43	97.09	Open To Flow (2)
106	175.11	102.67	Shut-in(2)
170	1135.56	103.13	End Shut-in(2)
172	1707.55	103.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MUDDY OIL 30%OIL 70%MUD	0.73
280.00	GASSEY OIL 30%GAS 60%OIL 10%MUD	3.93
0.00	600 GAS IN PIPE	0.00
0.00	GRAVITY OIL 43	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L D DRILLING INC.
 7SW 26TH AVE GREAT BEND KS
 67530+6525
 ATTN: JOSH AUSTIN

MONTE #1-23
23-21-12 STAFFORD
 Job Ticket: 15685 **DST#: 3**
 Test Start: 2010.12.04 @ 20:35:00

Tool Information

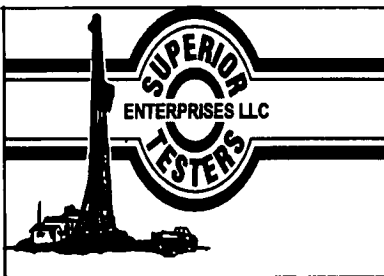
Drill Pipe:	Length: 3395.00 ft	Diameter: 3.80 inches	Volume: 47.62 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.50 inches	Volume: 0.73 bbl	Weight to Pull Loose: 53000.00 lb
			<u>Total Volume: 48.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3530.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	76.00 ft			
Number of Packers:	2	Diameter: 6.88 inches		

Tool Comments:

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

Change Over Sub	1.00			3510.00	
Shut-In Tool	5.00			3515.00	
Hydrolic Tool	5.00			3520.00	
Recorder	5.00			3525.00	
Packer	5.00			3530.00	21.00 Bottom Of Top Packer
Change Over Sub	0.75			3530.75	
Drill Pipe	31.50			3562.25	
Change Over Sub	0.75			3563.00	
Perforations	17.00			3580.00	
Recorder	1.00	8419	Inside	3581.00	
Recorder	1.00	4005	Outside	3582.00	
Bullnose	3.00			3585.00	55.00 Anchor Tool

Total Tool Length: 76.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L D DRILLING INC.

MONTE #1-23

7SW 26TH AVE GREAT BEND KS
67530+6525

23-21-12 STAFFORD

Job Ticket: 15685 DST#: 3

ATTN: JOSH AUSTIN

Test Start: 2010.12.04 @ 20:35:00

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 8000.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

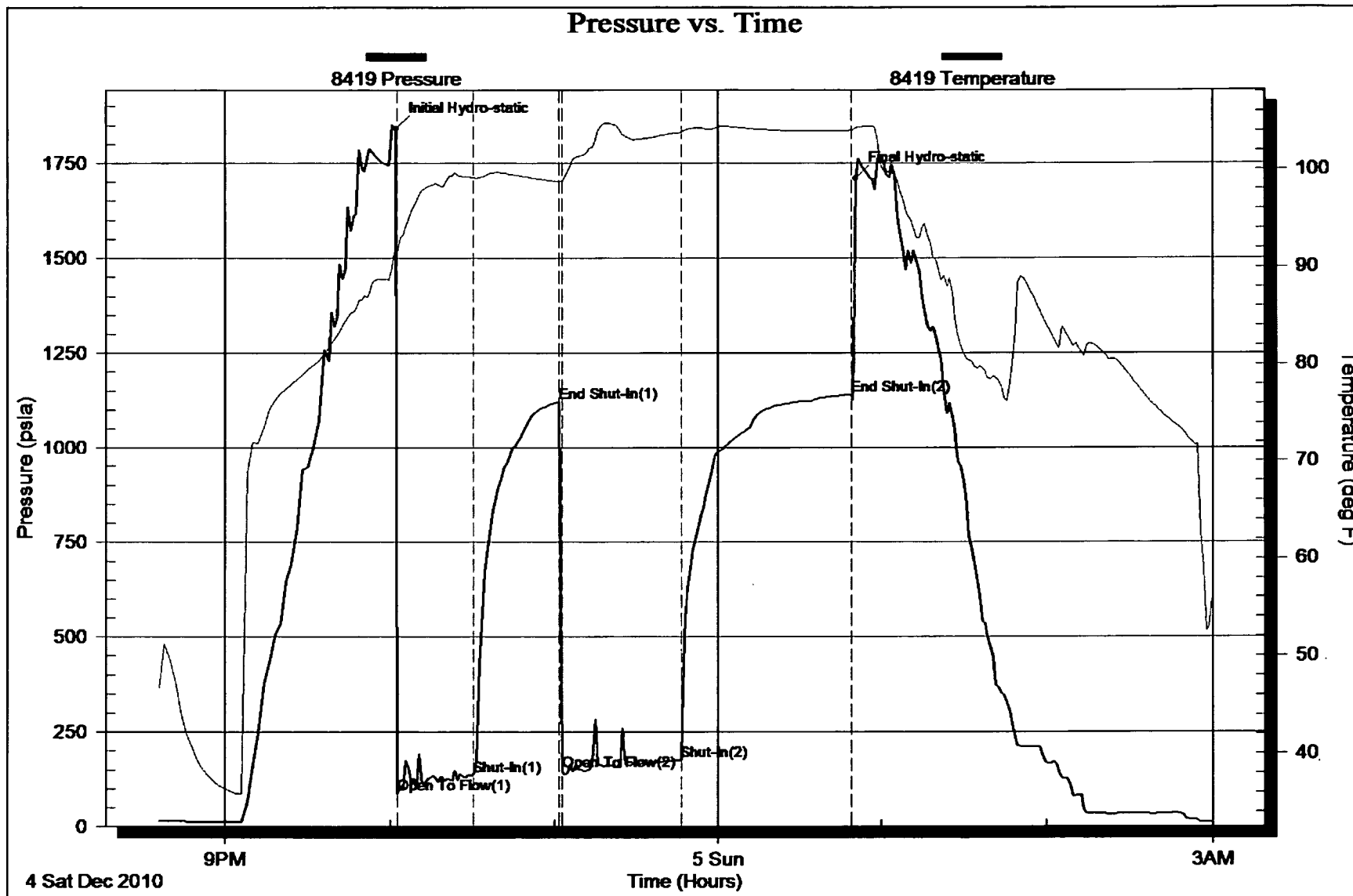
Length ft	Description	Volume bbl
120.00	MUDDY OIL 30%OIL 70%MUD	0.729
280.00	GASSEY OIL 30%GAS 60%OIL 10%MUD	3.928
0.00	600 GAS IN PIPE	0.000
0.00	GRAVITY OIL 43	0.000

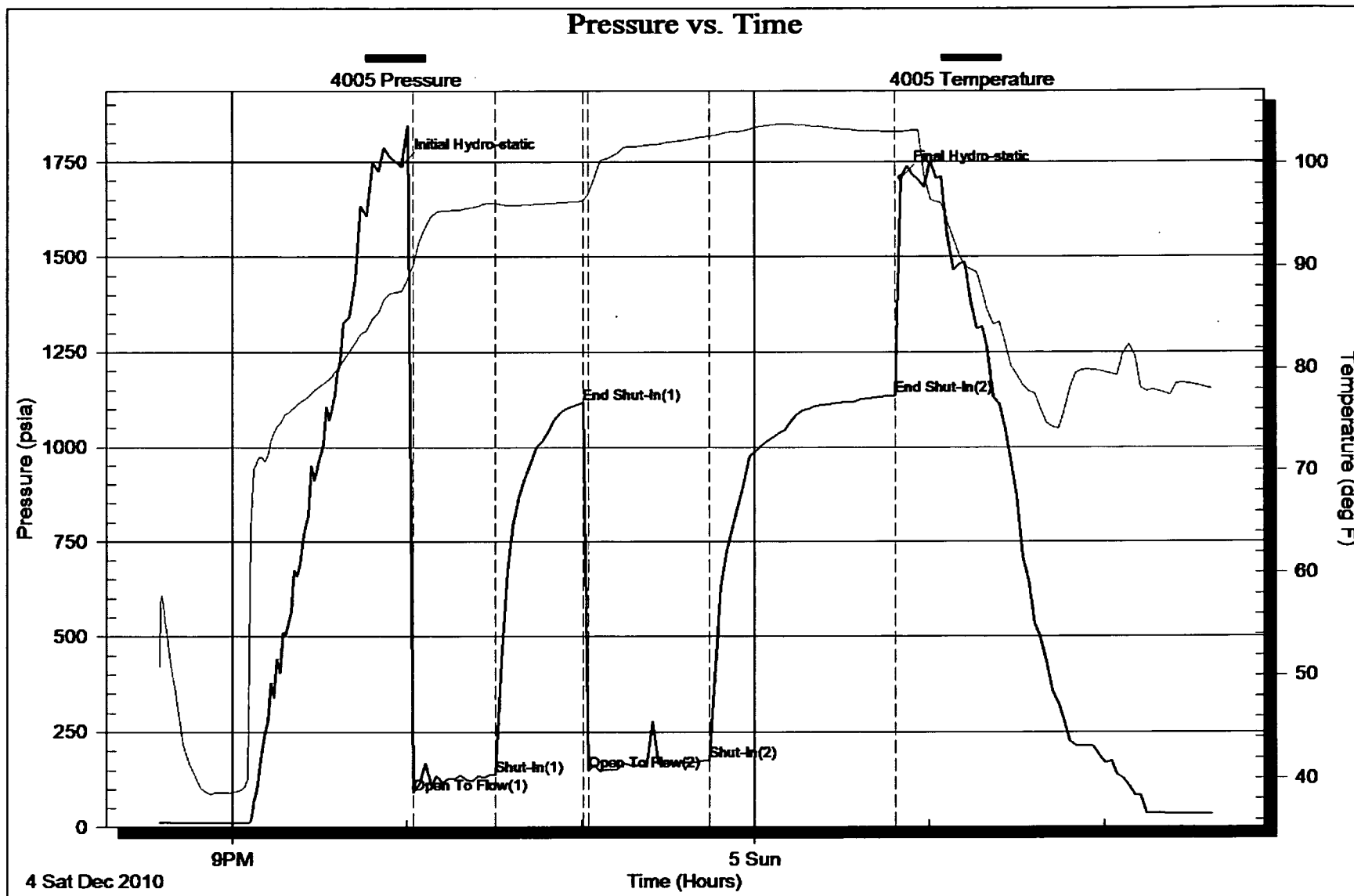
Total Length: 400.00 ft Total Volume: 4.657 bbl

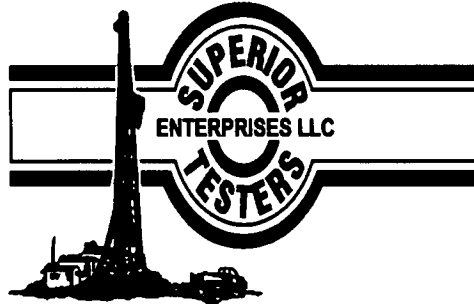
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: GRAVITY 43







DRILL STEM TEST REPORT

Prepared For: **L D DRILLING INC.**

7SW 26TH AVE GREAT BEND KS
67530+6525

ATTN: JOSH AUSTIN

23-21-12 STAFFORD

MONTE #1-23

Start Date: 2010.12.05 @ 07:45:00

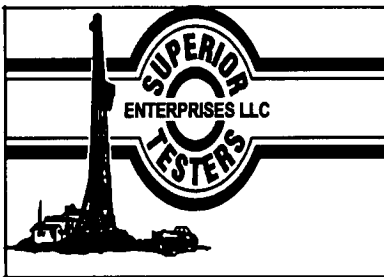
End Date: 2010.12.05 @ 14:07:00

Job Ticket #: 16686 DST #: 4

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

Printed: 2010.12.05 @ 14:26:41

L D DRILLING INC. MONTE #1-23 23-21-12 STAFFORD DST # 4 ARBUCKLE 2010.12.05



DRILL STEM TEST REPORT

L D DRILLING INC.
 7SW 26TH AVE GREAT BEND KS
 67530+6525
 ATTN: JOSH AUSTIN

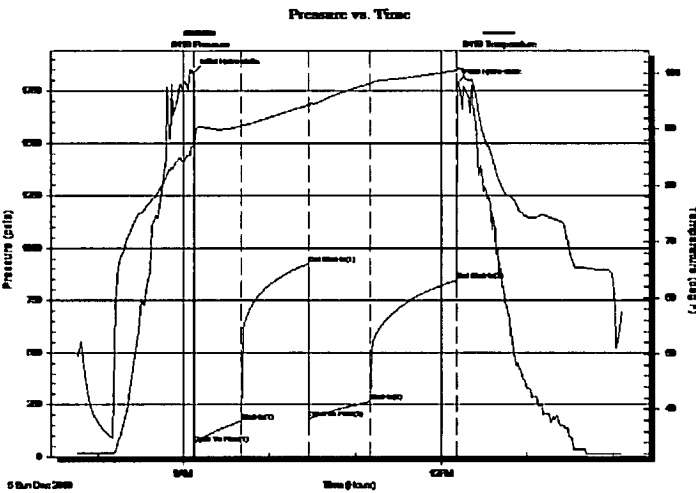
MONTE #1-23
23-21-12 STAFFORD
 Job Ticket: 16686 DST#: 4
 Test Start: 2010.12.05 @ 07:45:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:07:30
 Time Test Ended: 14:07:00
 Interval: **3585.00 ft (KB) To 3597.00 ft (KB) (TVD)**
 Total Depth: **3597.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: JARED SCHECK
 Unit No: 3320-44-GB
 Reference Elevations: 1835.00 ft (KB)
 1830.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8419 Inside
 Press@RunDepth: 264.07 psia @ 3593.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.12.05 End Date: 2010.12.05 Last Calib.: 2010.12.05
 Start Time: 07:45:00 End Time: 14:07:00 Time On Btm: 2010.12.05 @ 09:07:00
 Time Off Btm: 2010.12.05 @ 12:11:30

TEST COMMENT: 30/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 4 MINUTES
 45/INITIAL SHUT IN:6 INCH BLOW BACK
 45/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 8 MINUTES
 60/FINAL SHUT IN:7 INCH BLOW BACK



PRESSURE SUMMARY

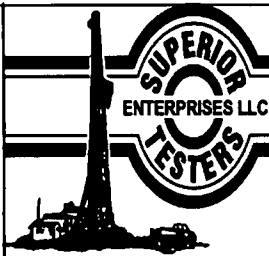
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1837.60	87.21	Initial Hydro-static
1	62.75	87.35	Open To Flow (1)
33	169.94	90.60	Shut-In(1)
80	926.76	94.31	End Shut-In(1)
81	182.27	94.14	Open To Flow (2)
124	264.07	98.21	Shut-In(2)
184	847.01	100.49	End Shut-In(2)
185	1786.20	100.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OIL 70%OIL 30%MUD	0.59
580.00	GASSY OIL 30%GAS 70%OIL	8.14
0.00	420 GAS IN PIPE	0.00
0.00	GRAVITY OIL 44	0.00

Gas Rates

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



DRILL STEM TEST REPORT

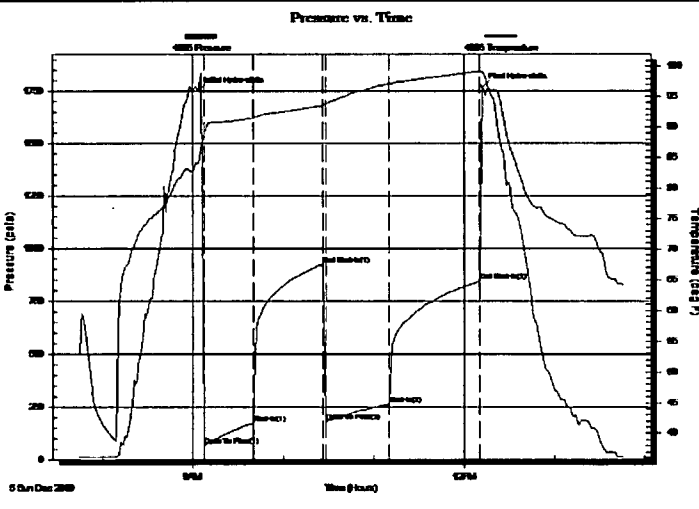
L D DRILLING INC. **MONTE #1-23**
 7SW 26TH AVE GREAT BEND KS **23-21-12 STAFFORD**
 67530+6525 Job Ticket: 16686 DST#: 4
 ATTN: JOSH AUSTIN Test Start: 2010.12.05 @ 07:45:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 09:07:30 Tester: JARED SCHECK
 Time Test Ended: 14:07:00 Unit No: 3320-44-GB
 Interval: **3585.00 ft (KB) To 3597.00 ft (KB) (TVD)** Reference Elevations: 1835.00 ft (KB)
 Total Depth: 3597.00 ft (KB) (TVD) 1830.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 4005 Outside
 Press@RunDepth: 843.32 psia @ 3594.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.12.05 End Date: 2010.12.05 Last Calib.: 2010.12.05
 Start Time: 07:45:00 End Time: 13:46:09 Time On Btm: 2010.12.05 @ 09:04:10
 Time Off Btm: 2010.12.05 @ 12:12:10

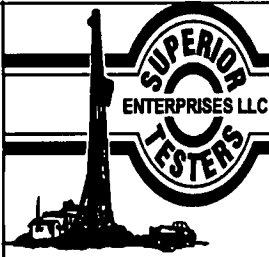
TEST COMMENT: 30/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 4 MINUTES
 45/INITIAL SHUT IN:6 INCH BLOW BACK
 45/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 8 MINUTES
 60/FINAL SHUT IN:7 INCH BLOW BACK



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1751.89	84.07	Initial Hydro-static
4	66.89	89.02	Open To Flow (1)
36	170.64	91.56	Shut-in(1)
82	921.69	93.54	End Shut-in(1)
84	182.79	93.70	Open To Flow (2)
126	262.77	97.13	Shut-in(2)
186	843.32	99.07	End Shut-in(2)
188	1769.79	98.96	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
120.00	OIL 70%OIL 30%MUD	0.59
580.00	GASSY OIL 30%GAS 70%OIL	8.14
0.00	420 GAS IN PIPE	0.00
0.00	GRAVITY OIL 44	0.00

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L D DRILLING INC.

MONTE #1-23

7SW 26TH AVE GREAT BEND KS
67530+6525

23-21-12 STAFFORD

Job Ticket: 16686 DST#: 4

ATTN: JOSH AUSTIN

Test Start: 2010.12.05 @ 07:45:00

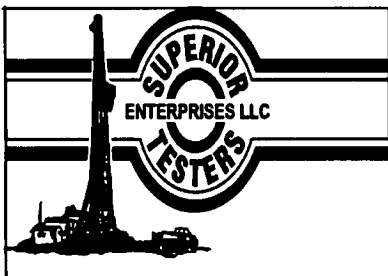
Tool Information

Drill Pipe:	Length: 3458.00 ft	Diameter: 3.80 inches	Volume: 48.51 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 49.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3585.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	33.00 ft			
Number of Packers:	2	Diameter: 6.88 inches		

Tool Comments:

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

Change Over Sub	1.00			3565.00	
Shut-In Tool	5.00			3570.00	
Hydrolic Tool	5.00			3575.00	
Packer	5.00			3580.00	21.00 Bottom Of Top Packer
Packer	5.00			3585.00	
Perforations	7.00			3592.00	
Recorder	1.00	8419	Inside	3593.00	
Recorder	1.00	4005	Outside	3594.00	
Bullnose	3.00			3597.00	12.00 Bottom Packers & Anchor
Total Tool Length:	33.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

L D DRILLING INC. **MONTE #1-23**
 7SW 26TH AVE GREAT BEND KS **23-21-12 STAFFORD**
 67530+6525 Job Ticket: 16686 **DST#: 4**
 ATTN: JOSH AUSTIN Test Start: 2010.12.05 @ 07:45:00

Mud and Cushion Information

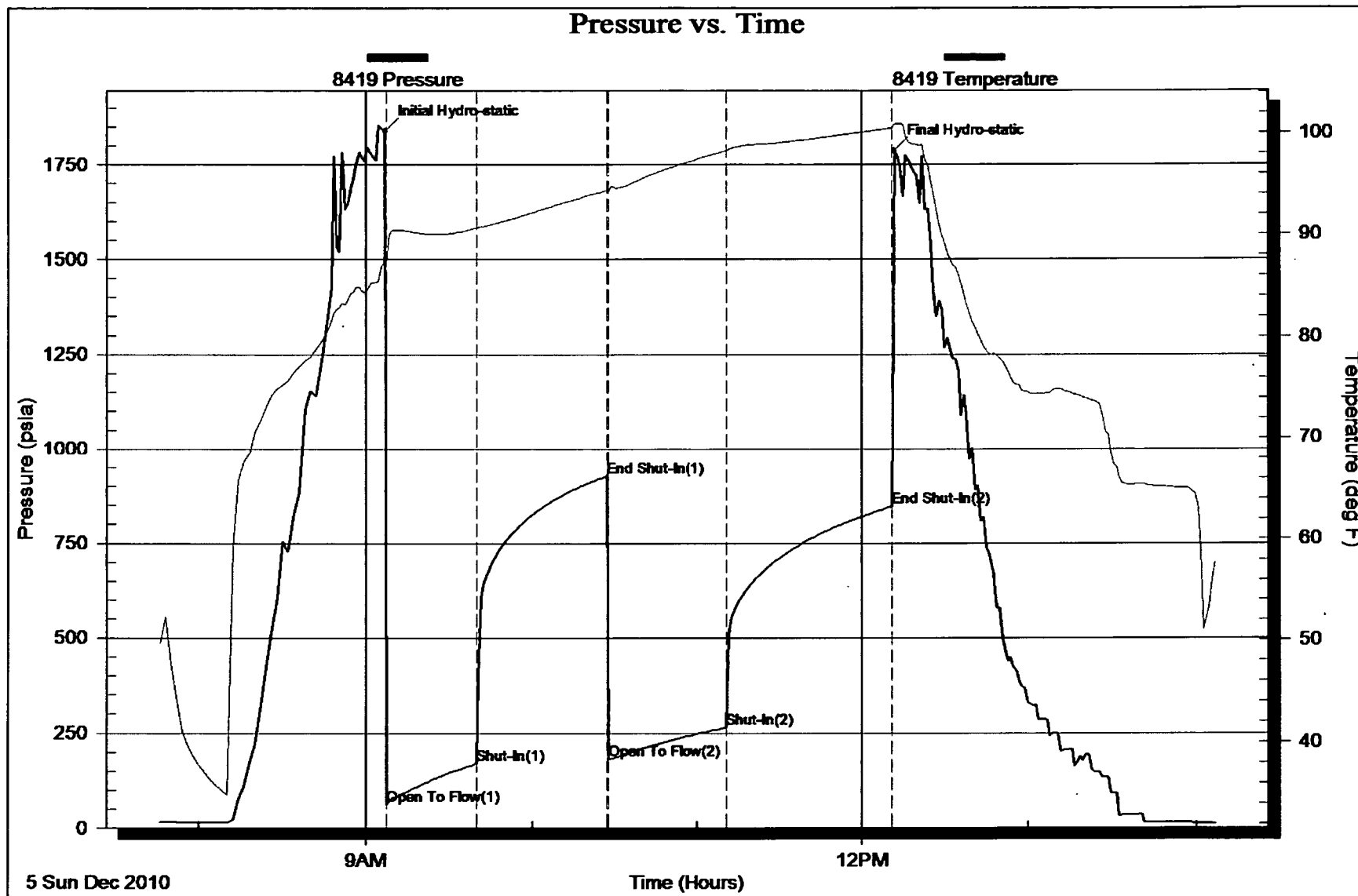
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 10000.00 ppm			
Filter Cake: 2.00 inches			

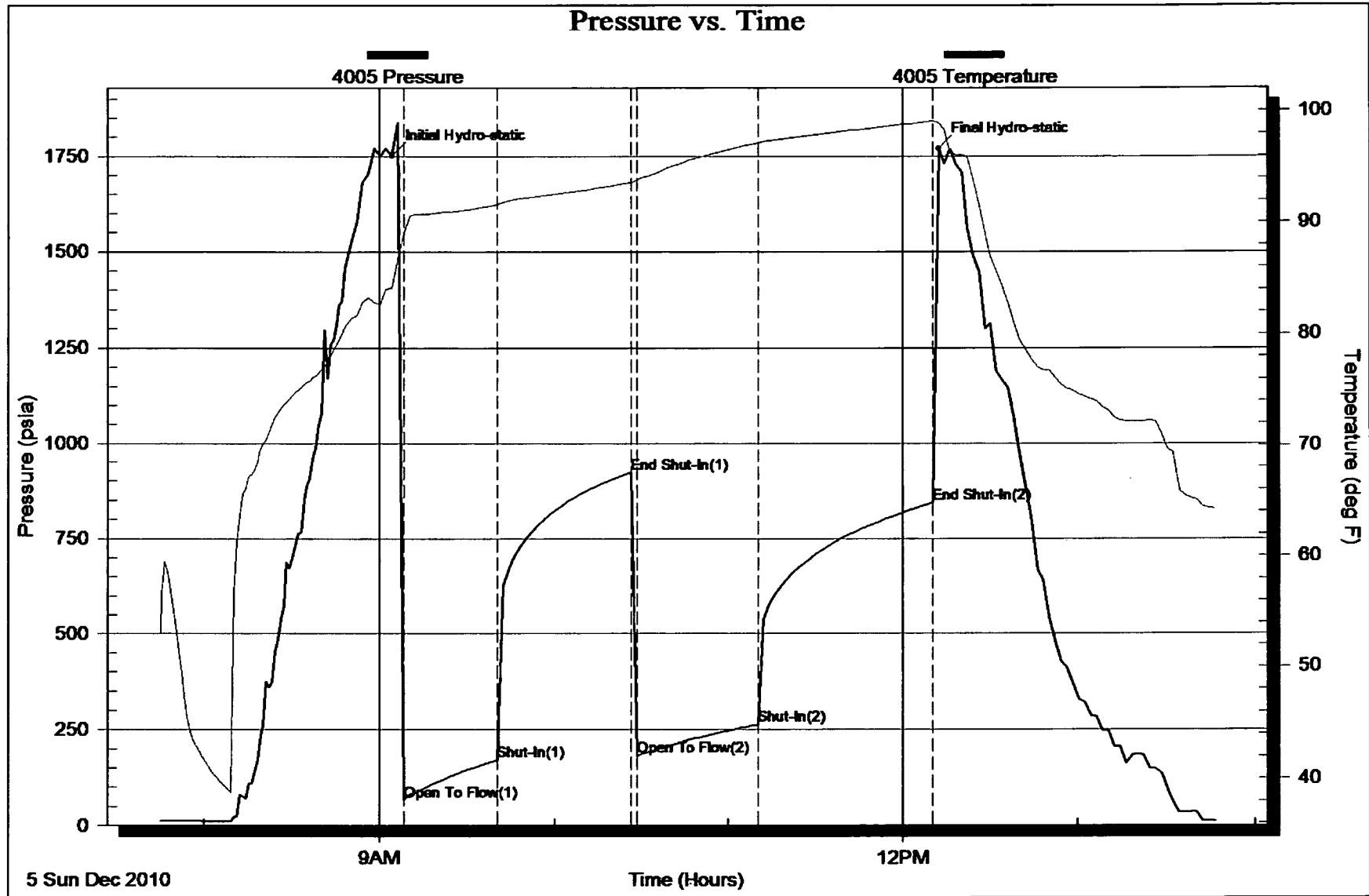
Recovery Information

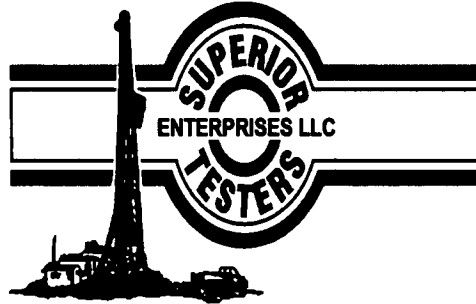
Recovery Table

Length ft	Description	Volume bbl
120.00	OIL 70%OIL 30%MUD	0.590
580.00	GASSY OIL 30%GAS 70%OIL	8.136
0.00	420 GAS IN PIPE	0.000
0.00	GRAVITY OIL 44	0.000

Total Length: 700.00 ft Total Volume: 8.726 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **L D DRILLING INC.**

7SW 26TH AVE GREAT BEND KS
67530+6525

ATTN: JOSH AUSTIN

23-21-12 STAFFORD

MONTE #1-23

Start Date: 2010.12.05 @ 19:45:00

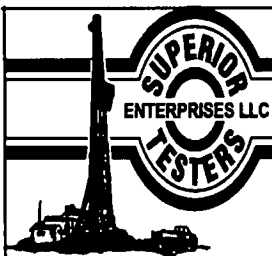
End Date: 2010.12.06 @ 02:28:30

Job Ticket #: 15687 DST #: 5

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

Printed: 2010.12.06 @ 01:59:46

L D DRILLING INC. MONTE #1-23 23-21-12 STAFFORD DST # 5 ARBUCKLE 2010.12.05



DRILL STEM TEST REPORT

L D DRILLING INC.
 7SW 26TH AVE GREAT BEND KS
 67530+6525
 ATTN: JOSH AUSTIN

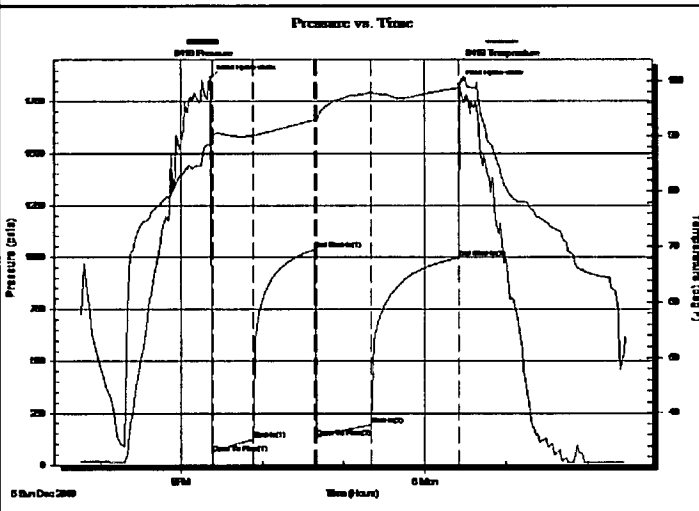
MONTE #1-23
23-21-12 STAFFORD
 Job Ticket: 15687 DST#: 5
 Test Start: 2010.12.05 @ 19:45:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:23:00
 Time Test Ended: 02:28:30
 Interval: **3597.00 ft (KB) To 3609.00 ft (KB) (TVD)**
 Total Depth: **3609.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: JARED SCHECK
 Unit No: 3320-22-GB
 Reference Elevations: 1835.00 ft (KB)
 1830.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8419 Inside
 Press@RunDepth: 192.89 psia @ 3605.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.12.05 End Date: 2010.12.06 Last Calib.: 2010.12.06
 Start Time: 19:45:00 End Time: 02:28:30 Time On Btm: 2010.12.05 @ 21:22:00
 Time Off Btm: 2010.12.06 @ 00:25:30

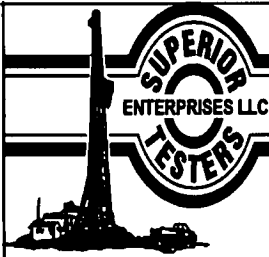
TEST COMMENT: 30/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 7 MINUTES
 45/INITIAL SHUT IN:7 INCH BLOW BACK
 45/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 15 MINUTES
 60/FINAL SHUT IN:4 INCH BLOW BACK



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1864.79	88.49	Initial Hydro-static
1	58.20	89.91	Open To Flow (1)
31	123.13	89.98	Shut-In(1)
77	1035.40	92.97	End Shut-In(1)
78	135.05	93.01	Open To Flow (2)
119	192.89	97.92	Shut-In(2)
183	998.09	98.79	End Shut-In(2)
184	1833.57	98.83	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
120.00	MUDDY OIL 15%MUD 85%OIL	0.59
420.00	CLEAN GASSY OIL 10%GAS 90%OIL	5.89
0.00	480 GAS IN PIPE	0.00
0.00	GRAVITY OIL 44	0.00

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



DRILL STEM TEST REPORT

L D DRILLING INC.

MONTE #1-23

7SW 26TH AVE GREAT BEND KS
67530+6525

23-21-12 STAFFORD

Job Ticket: 15687 DST#: 5

ATTN: JOSH AUSTIN

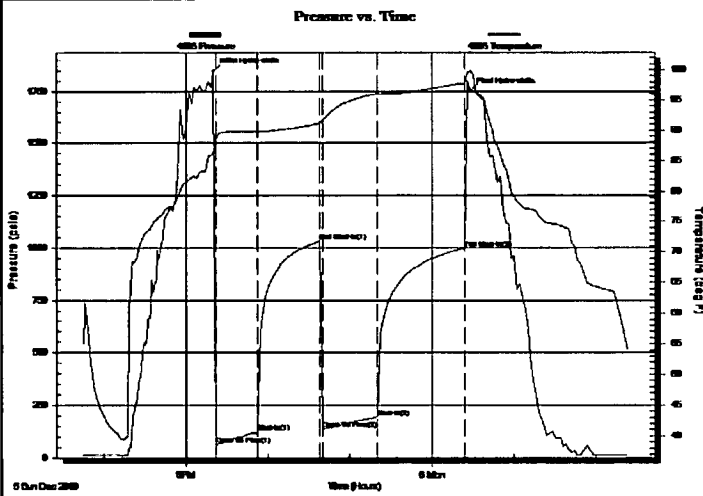
Test Start: 2010.12.05 @ 19:45:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:23:00
 Time Test Ended: 02:28:30
 Test Type: Conventional Bottom Hole (Initial)
 Tester: JARED SCHECK
 Unit No: 3320-22-GB
 Interval: **3597.00 ft (KB) To 3609.00 ft (KB) (TVD)**
 Reference Elevations: 1835.00 ft (KB)
 Total Depth: 3609.00 ft (KB) (TVD) 1830.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 4005 Outside
 Press@RunDepth: 995.81 psia @ 3606.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.12.05 End Date: 2010.12.06 Last Calib.: 2010.12.06
 Start Time: 19:45:00 End Time: 02:23:09 Time On Btm: 2010.12.05 @ 21:20:10
 Time Off Btm: 2010.12.06 @ 00:28:10

TEST COMMENT: 30/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 7 MINUTES
 45/INITIAL SHUT IN:7 INCH BLOW BACK
 45/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 15 MINUTES
 60/FINAL SHUT IN:4 INCH BLOW BACK



PRESSURE SUMMARY

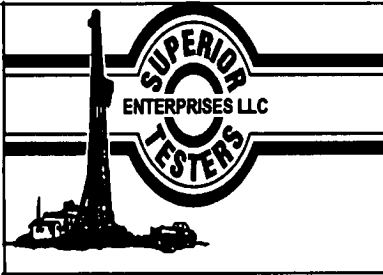
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1845.68	86.02	Initial Hydro-static
2	64.36	88.54	Open To Flow (1)
32	122.63	89.74	Shut-In(1)
78	1031.94	91.16	End Shut-In(1)
80	138.08	91.61	Open To Flow (2)
120	193.04	96.01	Shut-In(2)
184	995.81	97.77	End Shut-In(2)
188	1750.62	99.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MUDDY OIL 15%MUD 85%OIL	0.59
420.00	CLEAN GASSY OIL 10%GAS 90%OIL	5.89
0.00	480 GAS IN PIPE	0.00
0.00	GRAVITY OIL 44	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L D DRILLING INC.
 7SW 26TH AVE GREAT BEND KS
 67530+6525
 ATTN: JOSH AUSTIN

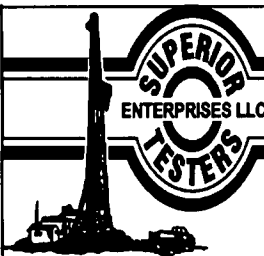
MONTE #1-23
23-21-12 STAFFORD
 Job Ticket: 15687 DST#: 5
 Test Start: 2010.12.05 @ 19:45:00

Tool Information

Drill Pipe:	Length: 3486.00 ft	Diameter: 3.80 inches	Volume: 48.90 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 53000.00 lb
			<u>Total Volume: 49.49 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3597.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	33.00 ft			
Number of Packers:	2	Diameter: 6.88 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3577.00	
Shut-In Tool	5.00			3582.00	
Hydrolic Tool	5.00			3587.00	
Packer	5.00			3592.00	21.00 Bottom Of Top Packer
Packer	5.00			3597.00	
Perforations	7.00			3604.00	
Recorder	1.00	8419	Inside	3605.00	
Recorder	1.00	4005	Outside	3606.00	
Bullnose	3.00			3609.00	12.00 Bottom Packers & Anchor
Total Tool Length:	33.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

L D DRILLING INC.

MONTE #1-23

7SW 26TH AVE GREAT BEND KS
67530+6525

23-21-12 STAFFORD

Job Ticket: 15687 DST#: 5

ATTN: JOSH AUSTIN

Test Start: 2010.12.05 @ 19:45:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 10.80 in³
Resistivity: ohm.m
Salinity: 10000.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

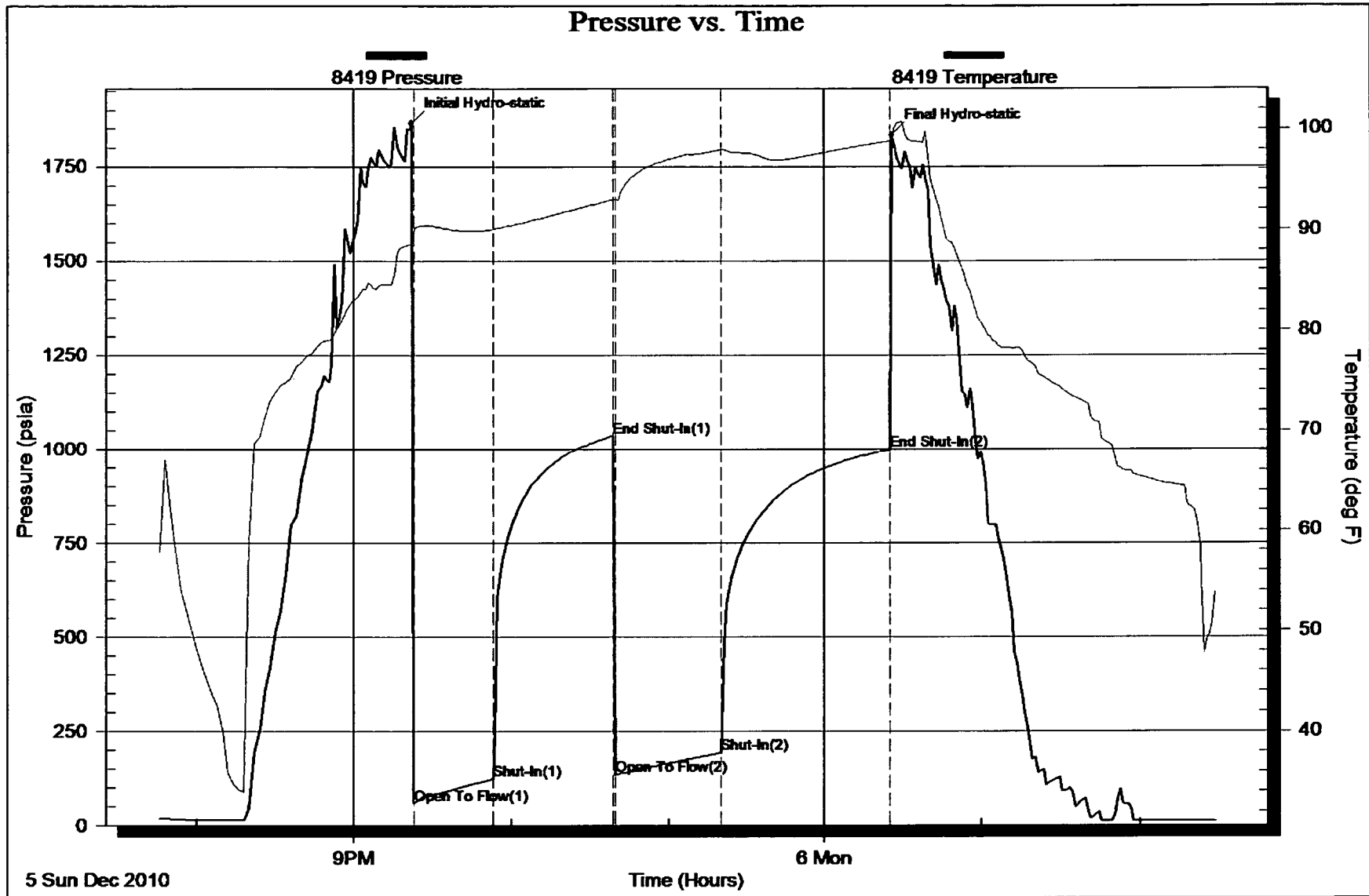
Length ft	Description	Volume bbl
120.00	MUDDY OIL 15%MUD 85%OIL	0.590
420.00	CLEAN GASSY OIL 10%GAS 90%OIL	5.891
0.00	480 GAS IN PIPE	0.000
0.00	GRAVITY OIL 44	0.000

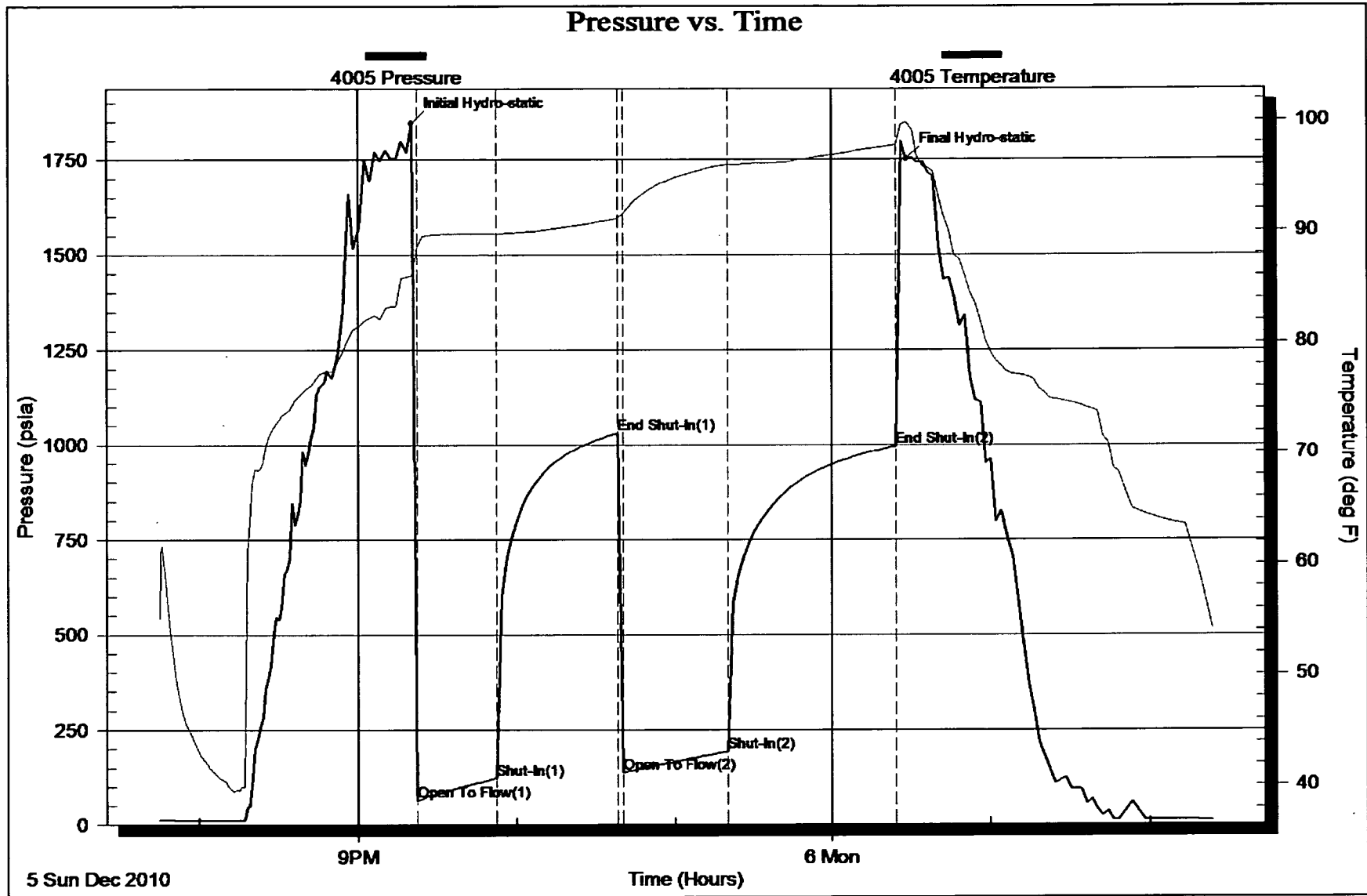
Total Length: 540.00 ft Total Volume: 6.481 bbl

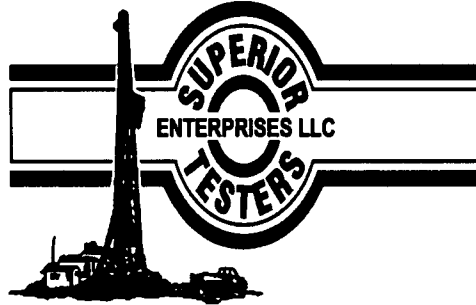
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **L D DRILLING INC.**

7SW 26TH AVE
67530+6525

GREAT BEND KS

ATTN: JOSH AUSTIN

23-21-12 STAFFORD

MONTE #1-23

Start Date: 2010.12.06 @ 07:05:00

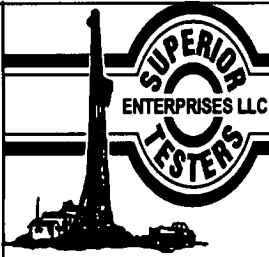
End Date: 2010.12.06 @ 13:28:30

Job Ticket #: 15688 DST #: 6

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

Printed: 2010.12.06 @ 13:54:43

L D DRILLING INC. MONTE #1-23 23-21-12 STAFFORD DST # 6 ARBUCKLE 2010.12.06



DRILL STEM TEST REPORT

L D DRILLING INC.
 7SW 26TH AVE GREAT BEND KS
 67530+6525
 ATTN: JOSH AUSTIN

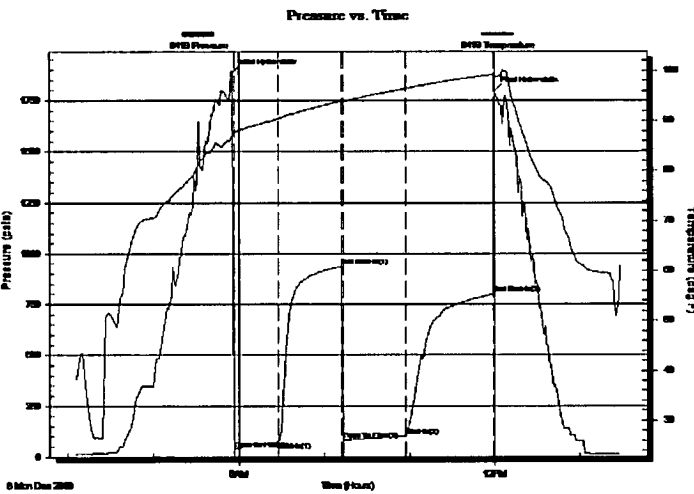
MONTE #1-23
23-21-12 STAFFORD
 Job Ticket: 15688 DST#: 6
 Test Start: 2010.12.06 @ 07:05:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:56:30
 Time Test Ended: 13:28:30
 Interval: **3609.00 ft (KB) To 3621.00 ft (KB) (TVD)**
 Total Depth: 3621.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: JARED SCHECK
 Unit No: 3320-44-GB
 Reference Elevations: 1835.00 ft (KB)
 1830.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8419 Inside
 Press@RunDepth: 100.92 psia @ 3617.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2010.12.06 End Date: 2010.12.06 Last Calib.: 2010.12.06
 Start Time: 07:05:00 End Time: 13:28:30 Time On Btm: 2010.12.06 @ 08:55:30
 Time Off Btm: 2010.12.06 @ 12:00:00

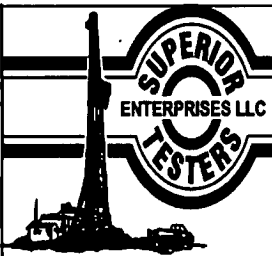
TEST COMMENT: 30/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 15 MINUTES
 45/INITIAL SHUT IN:4 INCH BLOW BACK
 45/FINAL OPEN:FAIR BLOW BUILT BOTTOM OF BUCKET IN 45 MINUTES
 60/FINAL SHUT IN:3 INCH



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1888.14	87.18	Initial Hydro-static
1	37.02	87.35	Open To Flow (1)
33	75.36	90.46	Shut-In(1)
77	936.34	93.92	End Shut-In(1)
78	81.94	93.79	Open To Flow (2)
122	100.92	96.42	Shut-In(2)
184	801.39	99.21	End Shut-In(2)
185	1798.86	98.97	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
120.00	MUDDY OIL 10%MUD 90%OIL	0.59
120.00	CLEAN GASSY OIL 10%GAS 90%OIL	1.68
0.00	180 GAS IN PIPE	0.00
0.00	GRAVITY OIL 45	0.00

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



DRILL STEM TEST REPORT

L D DRILLING INC.

MONTE #1-23

7SW 26TH AVE GREAT BEND KS
67530+6525

23-21-12 STAFFORD

Job Ticket: 15688 DST#: 6

ATTN: JOSH AUSTIN

Test Start: 2010.12.06 @ 07:05:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:56:30

Time Test Ended: 13:28:30

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3320-44-GB

Interval: **3609.00 ft (KB) To 3621.00 ft (KB) (TVD)**

Reference Elevations: 1835.00 ft (KB)

Total Depth: 3621.00 ft (KB) (TVD)

1830.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 4005

Outside

Press@RunDepth: 797.99 psia @ 3618.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.12.06

End Date: 2010.12.06

Last Calib.: 2010.12.06

Start Time: 07:05:00

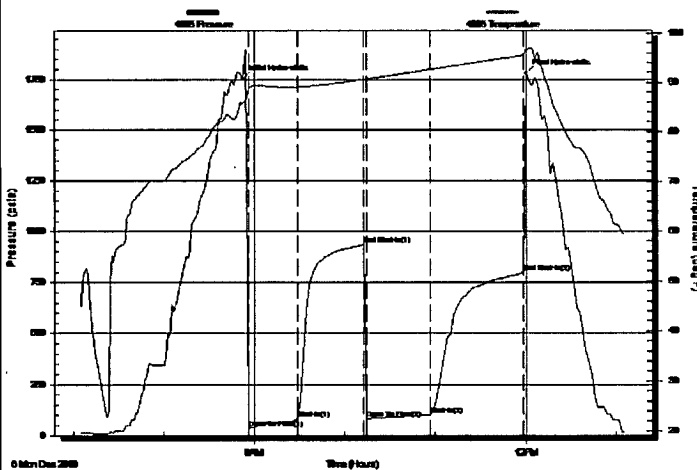
End Time: 13:06:09

Time On Btm: 2010.12.06 @ 08:52:09

Time Off Btm: 2010.12.06 @ 12:00:10

TEST COMMENT: 30/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 15 MINUTES
45/INITIAL SHUT IN:4 INCH BLOW BACK
45/FINAL OPEN:FAIR BLOW BUILT BOTTOM OF BUCKET IN 45 MINUTES
60/FINAL SHUT IN:3 INCH

Pressure vs. Time



PRESSURE SUMMARY

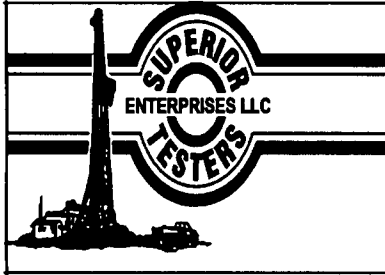
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1752.92	85.73	Initial Hydro-static
5	37.75	88.86	Open To Flow (1)
37	84.70	89.08	Shut-In(1)
81	933.92	90.62	End Shut-In(1)
83	82.83	90.69	Open To Flow (2)
125	102.03	92.61	Shut-In(2)
187	797.99	95.46	End Shut-In(2)
189	1780.03	96.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MUDDY OIL 10% MUD 90% OIL	0.59
120.00	CLEAN GASSY OIL 10% GAS 90% OIL	1.68
0.00	180 GAS IN PIPE	0.00
0.00	GRAVITY OIL 45	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L D DRILLING INC.
 7SW 26TH AVE GREAT BEND KS
 67530+6525
 ATTN: JOSH AUSTIN

MONTE #1-23
23-21-12 STAFFORD
 Job Ticket: 15688 DST#: 6
 Test Start: 2010.12.06 @ 07:05:00

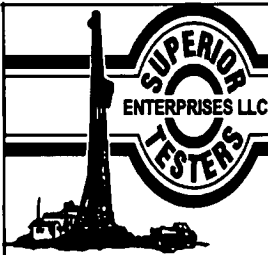
Tool Information

Drill Pipe:	Length: 3487.00 ft	Diameter: 3.80 inches	Volume: 48.91 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 49.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3609.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	33.00 ft			
Number of Packers:	2	Diameter: 6.88 inches		

Tool Comments:

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

Change Over Sub	1.00			3589.00	
Shut-In Tool	5.00			3594.00	
Hydrolic Tool	5.00			3599.00	
Packer	5.00			3604.00	21.00 Bottom Of Top Packer
Packer	5.00			3609.00	
Perforations	7.00			3616.00	
Recorder	1.00	8419	Inside	3617.00	
Recorder	1.00	4005	Outside	3618.00	
Bullnose	3.00			3621.00	12.00 Bottom Packers & Anchor
Total Tool Length:	33.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

L D DRILLING INC.
 7SW 26TH AVE GREAT BEND KS
 67530+6525
 ATTN: JOSH AUSTIN

MONTE #1-23
23-21-12 STAFFORD
 Job Ticket: 15688 DST#: 6
 Test Start: 2010.12.06 @ 07:05:00

Mud and Cushion Information

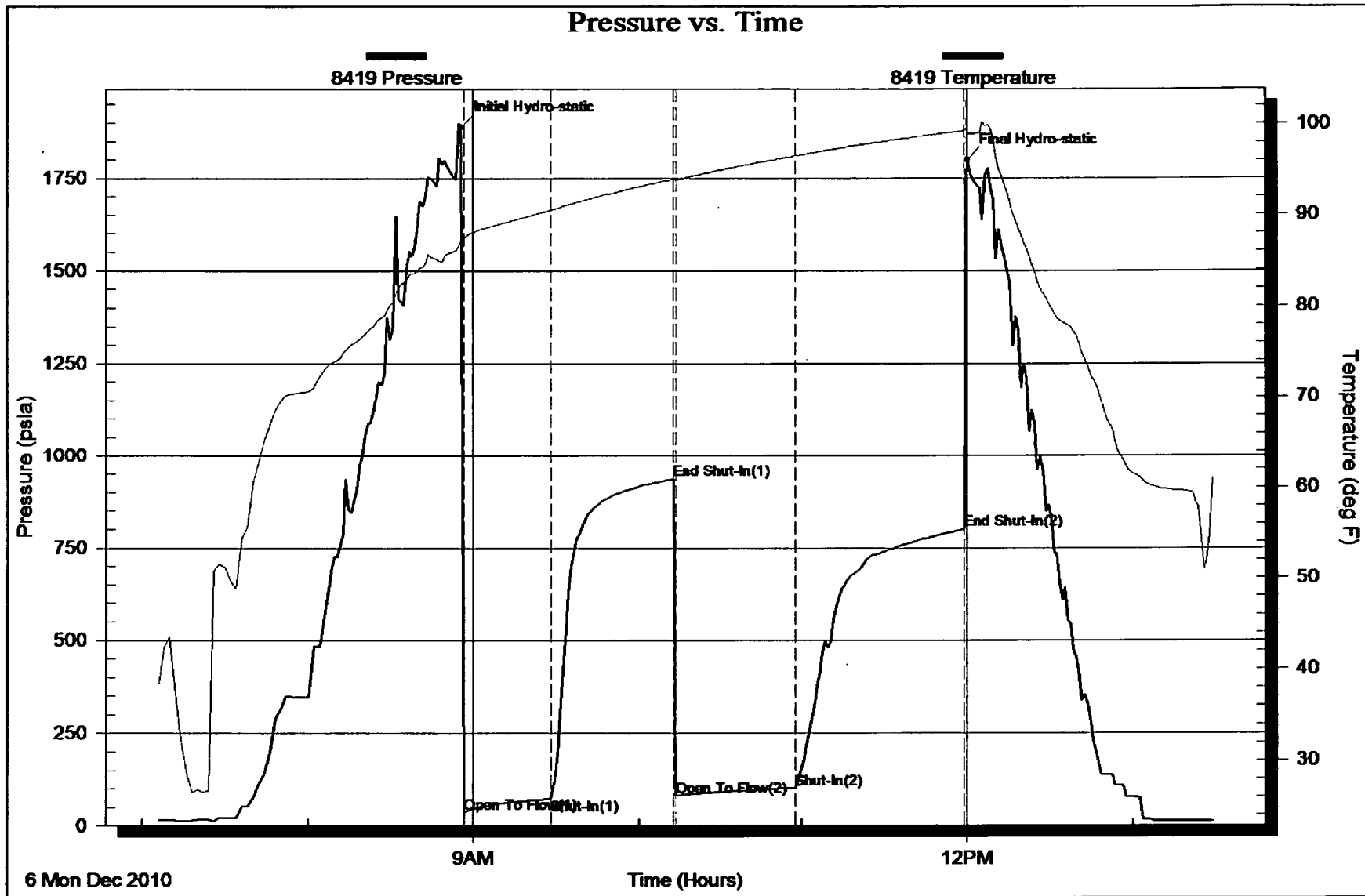
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 63.00 sec/qt	Cushion Volume: bbl		
Water Loss: 15.80 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 14000.00 ppm			
Filter Cake: 2.00 inches			

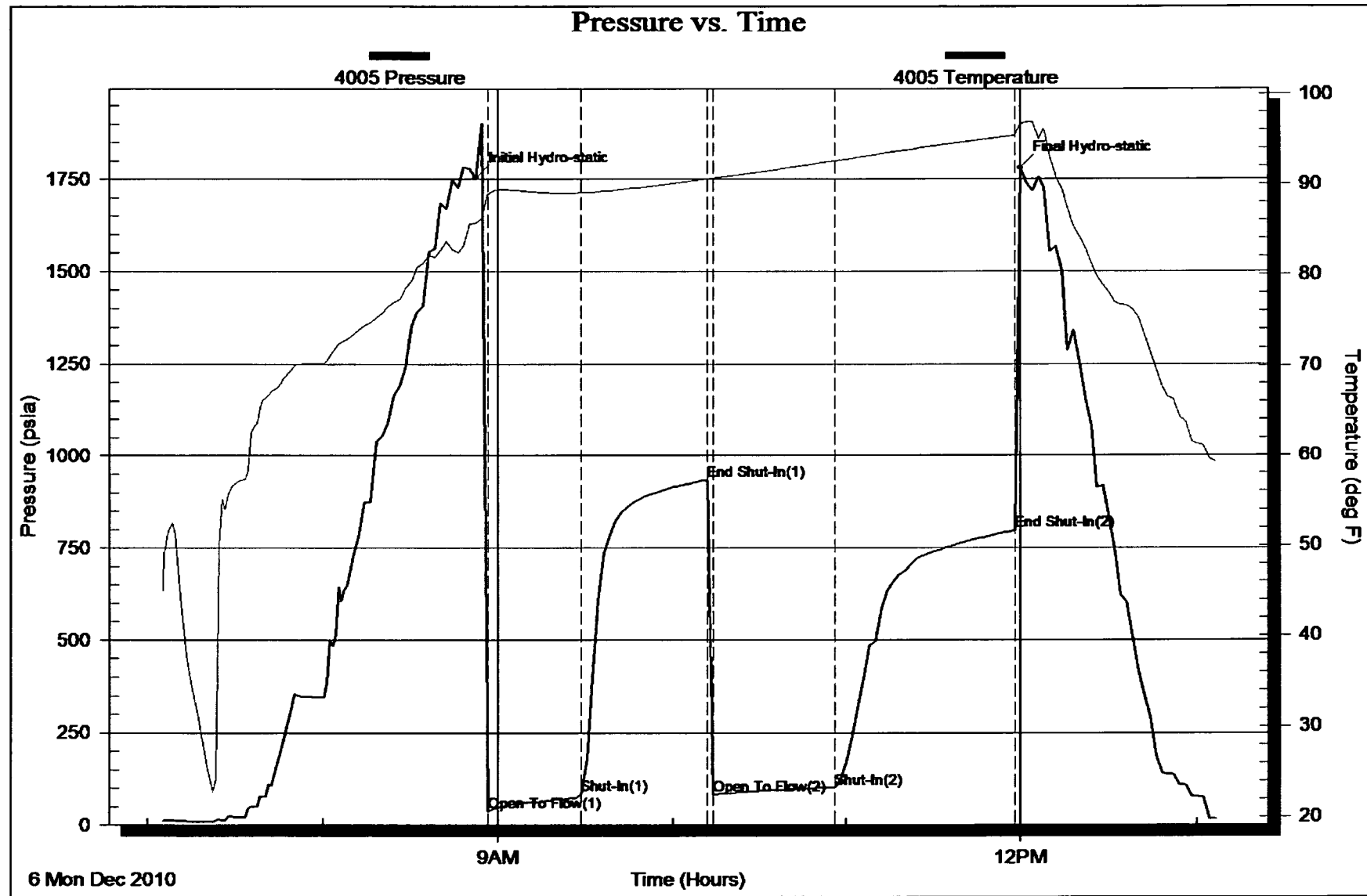
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MUDDY OIL 10%MUD 90%OIL	0.590
120.00	CLEAN GASSY OIL 10%GAS 90%OIL	1.683
0.00	180 GAS IN PIPE	0.000
0.00	GRAVITY OIL 45	0.000

Total Length: 240.00 ft Total Volume: 2.273 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





James R. Musgrove
 Petroleum Geologist Home
 (620) 333-2653 2721 W. 30th St. • PO Box 215 • Clarita KS 67525 (405) 597-3444

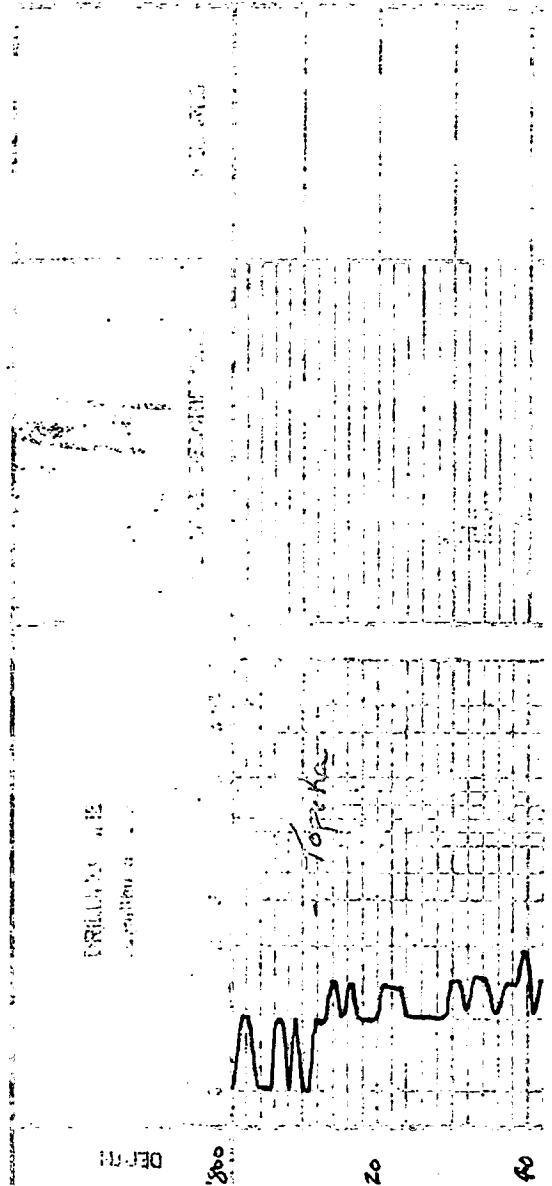
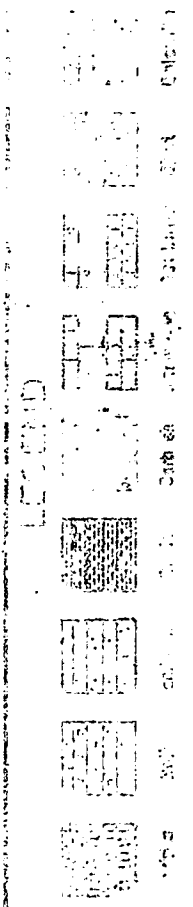
DRILLING TIME AND SAMPLE LOG

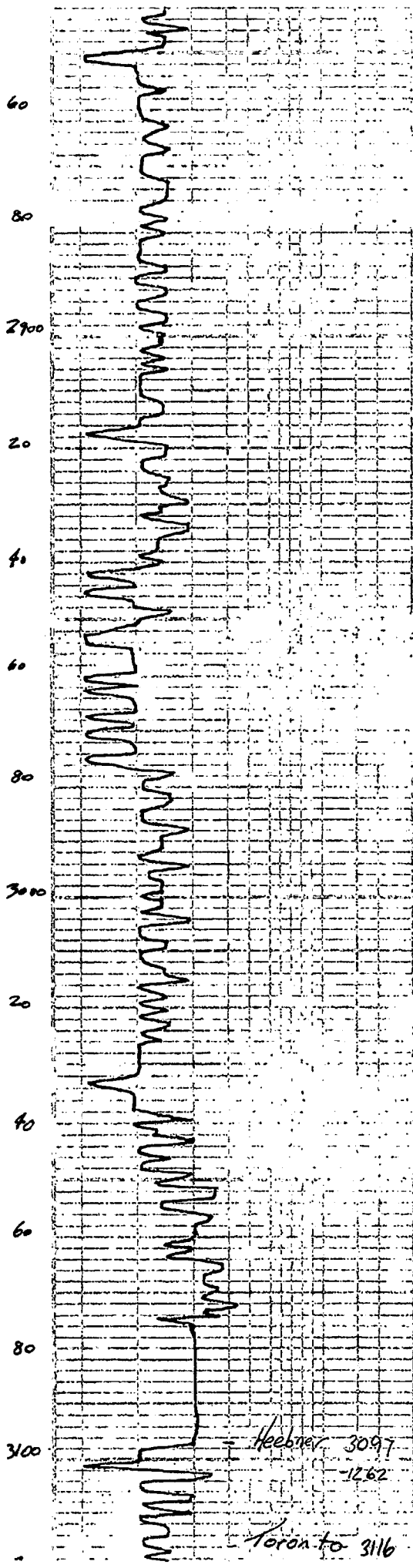
COMPANY <u>L.D. Drilling, Inc.</u>	ELEVATIONS
LEASE <u>Monte # 1-23</u>	KB <u>1835</u>
FIELD <u>Steve</u>	DF
LOCATION <u>Mo-Hu-Sa-Na 1625' FUL & 1177' FEL</u>	GI <u>1830</u>
WELL <u>23</u> WID <u>21s</u> 12w	Measurements At
COUNTY <u>Stafford</u> STATE <u>Kansas</u>	F. <u>KB</u>
DRILLER <u>Petromark Drilling (reg #2)</u>	CASING
DATE <u>11/29/2010</u> <u>12/7/2010</u>	<u>8 3/4" @ 350'</u>
WELL NO. <u>3720</u> <u>3718</u>	<u>5 1/2" @ 3719'</u>
WELL DEPTH <u>2700</u> <u>Chemical Displacement</u>	LABORATORY SERVICES
SAMPLES SAVED FROM <u>2900</u> <u>3720</u>	<u>By Log-Tek</u>
DRILLING TIME KEPT FROM <u>2800</u> <u>3720</u> <u>RTD</u>	
LOGGED TO <u>2900</u> <u>3720</u> <u>/</u>	
LOGICAL FROM <u>3115</u> <u>3720</u>	
GEOLOGIST ON WELL <u>Josh Austin</u>	

FORMATION TOPS	LOG	SAMPLES
anhydrite	612 +1225	WID 3718 - 1883
Base anhydrite	632 +1203	
Heebner		3095 - 1260
Toronto	3113 - 1278	
Douglas	3138 - 1303	
Brown lime	3222 - 1387	
Manitou	3240 - 1405	
Base Kansas City	3468 - 1633	

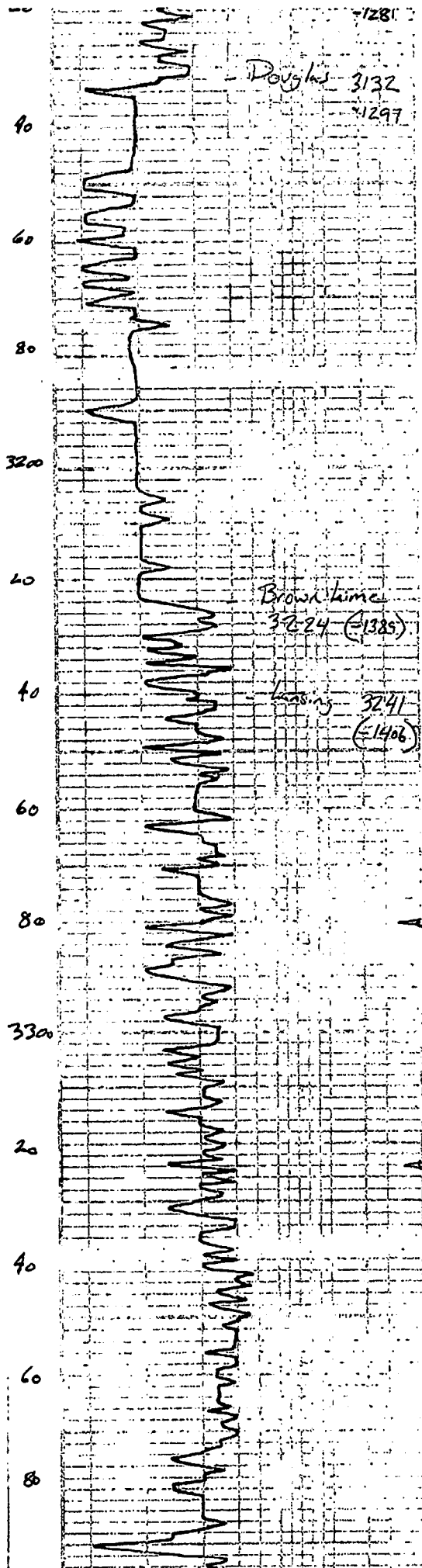
5 1/2" production casing was set and cemented at 3719' (one ft. off to floor)

Joshua R. Austin
 Petroleum Geologist





bTK Carb sh.
 Ls, crm-tan fine chaco
 Poor vis
 Ls, grey-crm fine chaco
 South fine fine chaco
 N/S
 Ls, am (boring)
 bTK Carb sh.
 Ls, crm grey fine chaco
 Poor fine grain bed
 To grey boring A N/S
 Ls, crm-tan fine slig hilly
 ditto fine poor vis done
 Sl. dy N/S
 Ls, tan belt fine chaco
 Sl. has to ditto fine Ls
 dry part VII
 F 34 - tan boring A
 W bTK Carb shale
 34 = green sh.



Douglas 3132
1297

Brown lime
3224 (=1385)

Limestone 3241
(=1406)

1835 KB

1281
dolomite dr. pt. top
n/s

Shale, grey - mic. - greyish green

Shale, an. mic. in part

Shale, grey - greyish green
n/s mic. sil. round sil & calc
n/s

Shale, sil. an.

Gry - drk. gry. shale
mic. in part

LS, tan - fxl dense by
poor vis

LS, cream f. nod. pl. f. ss
sl. green f. nod. n/s

LS, grey - cream f. ss
poorly dev. cherty slightly by
n/s

LS, tan - cream highly nod. in part
poor vis. cherty ??? to brn. sil.
n/s No color

LS, cream f. cherty to v. ss
golden brn. brn. sil. n/s
n/s cream. very f. nod.

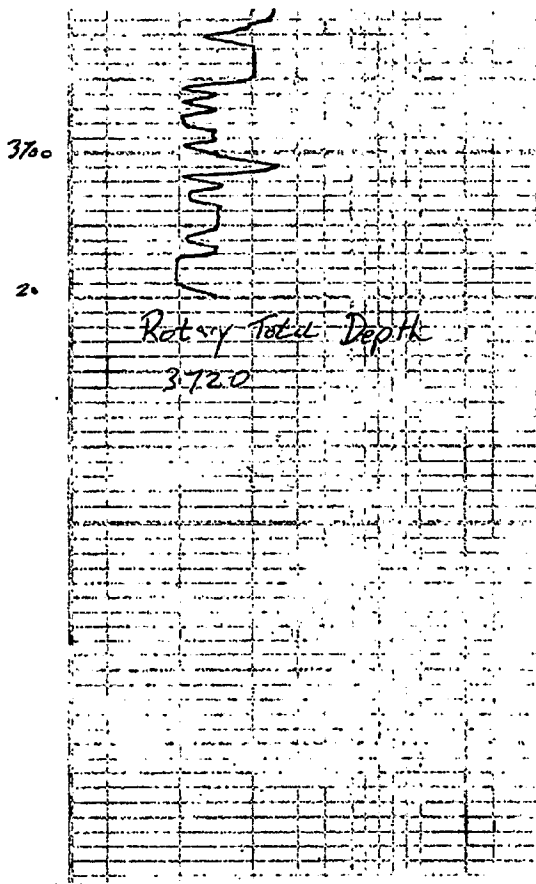
LS, an. dr. spring. f. v. very f. nod.

LS, grey f. ss. cherty by poor
blk. sil. to spidy. f. o. ft. also

LS, cream - grey f. nod. sil.
f. ss dense cherty in part. poorly
dev. by ??? to brn. blk. sil.
n/s No color

LS, tan f. xl. soft. v. ss. f. xl.
n/s brn. sil. f. nod.

DST #1 3300-3425
30-45-45-60



Recovery 480' 91P
 420' C90
 120' mully 0:1

Pressure ISIP 1035
 FOP 998
 LFP 58-123
 RFP 135-492
 HSA 1864
 -1875

Datomatic: the guy - with cam
 for sus. from 1875

120' A

DSI 17.5 3609.3681
 30 - 45 - 45-60

Slow: Strong 088 in 5 min
 4' blow back

Slow: 088 in 45 min
 8' blow back

Recovery 180' 91P
 120' C90
 120' C90

Pressure ISIP 936
 FOP 391
 LFP 37-75
 RFP 81-100
 HSA 1832
 -1848