

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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

8/16/12

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34148  
Name: SABCO OPERATING COMPANY  
Address 1: 34 S. WYNDEN  
Address 2: \_\_\_\_\_  
City: HOUSTON State: TX Zip: 77056 + \_\_\_\_\_  
Contact Person: MAX JAMESON  
Phone: ( 713 ) 595-3600  
CONTRACTOR: License # 5929  
Name: DUKE DRILLING COMPANY  
Wellsite Geologist: DAVID P. WILLIAMS  
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 (Cores, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled      Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD      Permit #: \_\_\_\_\_  
 ENHR      Permit #: \_\_\_\_\_  
 GSW      Permit #: \_\_\_\_\_

4/2/10	4/12/10	6/15/10
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 151-22349-00-00  
Spot Description: \_\_\_\_\_  
SE NE NW NW Sec. 22 Twp. 26 S. R. 11  East  West  
575 Feet from  North /  South Line of Section  
1,022 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: PRATT  
Lease Name: MOORE Well #: 1-22  
Field Name: WILDCAT  
Producing Formation: NONE  
Elevation: Ground: 1835 Kelly Bushing: 1848  
Total Depth: 4852 Plug Back Total Depth: 4705'  
Amount of Surface Pipe Set and Cemented at: 439 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: 44000 ppm Fluid volume: 1800 bbls  
Dewatering method used: HAUL FLUIDS THEN EVAPORATION  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: PRATT WELL SERVICE  
Lease Name: WATSON License #: 5893  
Quarter SE Sec. 7 Twp. 27 S. R. 13  East  West  
County: PRATT Permit #: D-14334.0

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: David P. Williams  
Title: AGENT Date: 8/13/10

KCC Office Use ONLY

- Letter of Confidentiality Received  
Date: 8/16/10 - 8/16/12
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: DG Date: 8/19/10

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Operator Name: SABCO OPERATING COMPANY Lease Name: MOORE Well #: 1-22  
 Sec. 22 Twp. 26 S. R. 11  East  West County: PRATT

KCC  
 AUG 16 2010  
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**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>COMPENSATED DENSITY NEUTRON; DUAL INDUCTION; SONIC; MICROLOG</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>HEEBNER</td> <td>3496</td> <td>-1649</td> </tr> <tr> <td>LANSING</td> <td>3700</td> <td>-1835</td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>4265</td> <td>-2417</td> </tr> <tr> <td>VOILA</td> <td>4356</td> <td>-2508</td> </tr> <tr> <td>SIMPSON SHALE</td> <td>4446</td> <td>-2648</td> </tr> <tr> <td>ARBUCKLE</td> <td>4558</td> <td>-2710</td> </tr> </tbody> </table>	Name	Top	Datum	HEEBNER	3496	-1649	LANSING	3700	-1835	MISSISSIPPIAN	4265	-2417	VOILA	4356	-2508	SIMPSON SHALE	4446	-2648	ARBUCKLE	4558	-2710
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SIMPSON SHALE	4446	-2648																				
ARBUCKLE	4558	-2710																				

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 1/4"	8 5/8"	24#	439'	60/40 POZ	295	2% CC
PRODUCTION	7 7/8"	5 1/2"	15.5#	4705'	60/40 POZ	125	2% CC

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
6 + 3	4266' - 4288' (INCLUDING 3 GAS GUNS)	1000 GAL 10% MCA; 1500 GAL MCA;	4266-
		FRAC 18000 GAL X-LINK GEL + 15000# 16/30 SAND	4286

TUBING RECORD:	Size: <u>2"</u>	Set At: <u>4342'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR: <b>NONE</b>		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio

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: <u>4266 -4286'</u> <b>RECEIVED</b>
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225 N. Market Street  
Suite #230  
Wichita, Kansas 67202



Cell: 316-303-4932  
F ax: 316-263-4930

Kansas Corporation Commission  
Conservation Division  
130 South Market Street; Room #2078  
Wichita, Kansas 67202  
August 13, 2010

SABCO OPERATING COMPANY  
MOORE #1-22  
SE- NE-NW-NW- 22-26-11 W.  
Pratt County, Kansas  
API #15-151-22349-00-00

To the ACO-1 Production Staff,

This letter is written to the Commission staff and asks for that the above captioned well's ACO-1 and attachments be granted confidential treatment pursuant to K.A.R. 82-3-107 (e). Sabco Operating Company requests specifically for the maximum time period of "two-years from the date of the letter request." Thank you.

Sincerely,

A handwritten signature in black ink that reads "David P. Williams". The signature is written in a cursive, flowing style.

David P. Williams, P.G.  
Agent for Sabco Operating Company

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energy services, L.P.

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## TREATMENT REPORT

Customer: **Jabco Oil and Gas Corporation** Lease: **Moore** Well #: **1-22** Date: **4-3-10**

Field Order #: **664** Station: **Pratt, Kansas** Depth: **439 Feet** County: **Pratt** State: **Kansas**

Type Job: **C.N.W. - Surface** Formation: **2416** Legal Description: **22-285-11W**

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME	
Casing Size: <b>8 5/8" 24 Lb./Ft.</b>	Tubing Size: <b>4 1/2" 17 Lb./Ft.</b>	Shots/Ft: <b>295</b>	Sacks: <b>60/40</b>	Poz: <b>Wt. H</b>	PRESS: <b>25 Lb./St.</b>	ISIP: <b>5 Min.</b>	
Depth: <b>439 Feet</b>	Depth: <b>286'</b>	From: <b>286'</b>	To: <b>38'</b>	Max: <b>3% Calcium Chloride</b>	Avg: <b>1.25 Cu. Ft./St.</b>	Annulus Pressure: <b>10 Min.</b>	
Volume: <b>27.9 Bbl.</b>	Volume: <b>14.7</b>	From: <b>14.7</b>	To: <b>1.6 Gal.</b>	Min: <b>5.71 Gal./St.</b>		Annulus Pressure: <b>15 Min.</b>	
Max Press: <b>500 P.S.I.</b>	Max Press: <b>500 P.S.I.</b>	From: <b>500</b>	To: <b>500</b>	Avg: <b>5.71 Gal./St.</b>		Annulus Pressure: <b>15 Min.</b>	
Plug Connection: <b>Plug Container</b>	Annulus Vol: <b>100 Feet</b>	From: <b>100</b>	To: <b>100</b>	MHP Used: <b>25.4 Bbl. Fresh Water</b>		Annulus Pressure: <b>15 Min.</b>	
Plug Depth: <b>100 Feet</b>	Packer Depth: <b>100 Feet</b>	From: <b>100</b>	To: <b>100</b>	Flush: <b>25.4 Bbl. Fresh Water</b>		Annulus Pressure: <b>15 Min.</b>	

Customer Representative: **Calen Roach** Station Manager: **David Scott** Auditor: **Clarence R. Messick**

Service Units	19,866	19,903	19,905	19,932	21,010
Driver Names	Messick	Veatch	Nall		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:30					Trucks on location and hold safety meeting.
2:50					Duke Drilling start to run 10 Joints new 24 Lb./Ft. 8 5/8" casing. Install Centralizers on collars #1, 3, 5, 7, 8 and 5' up from bottom of shoe Joint.
4:05					Casing in well. Circulate for 5 minutes.
4:10	400		5	5	Start Fresh water Pre-Flush.
	400		10	5	Start mixing 295 sacks 60/40 Poz.
	-0-		76		Stop pumping. Shut in well. Release Top Rubber Plug. Open well.
4:25	200			5	Start Fresh water displacement.
4:33	500		25.4		Plug down.
					Open release. Insert held.
					Circulated cement to bottom of cellar.
					Wash up pump truck.
5:10					Job Complete.
					Thank You.
					Clarence, Chris, Mike

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**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

To: 3162634930

P. 1/4

0040169243  
FIELD SERVICE TICKET  
1718 1664 A

22-265-11W

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <b>4-3-10</b> DISTRICT <b>Pratt, Kansas</b>		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 <b>Sabco Oil and Gas Corporation</b>		LEASE <b>Moore</b> WELL NO. <b>1-22</b>						
ADDRESS <b>1003661</b>		COUNTY <b>Pratt</b> STATE <b>Kansas</b>						
CITY _____ STATE _____		SERVICE CREW <b>C. Messick; G. Veatch; M. Nell</b>						
AUTHORIZED BY _____		JOB TYPE: <b>C.N.W. - Surface</b>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
<b>19,866</b>	<b>.5</b>						<b>4-3-10</b>	<b>12:00</b>
						ARRIVED AT JOB		<b>1:30</b>
<b>19,903-19,905</b>	<b>.5</b>					START OPERATION		<b>4:00</b>
						FINISH OPERATION		<b>4:30</b>
<b>19,832-21,010</b>	<b>.5</b>					RELEASED	<b>4-3-10</b>	<b>5:00</b>
						MILES FROM STATION TO WELL		<b>15</b>

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	
P CP 103	60/40 Poz Cement	sk	295		\$ 3,540 00	
P CC 102	Cell Plate	Lb	74		\$ 273 80	
P CC 109	Calcium Chloride	Lb	762		\$ 800 10	
P CF 105	Top Rubber Plug, 8 7/8"	ea	1		\$ 225 00	
P CF 1453	Insert Float Valve, 8 7/8"	ea	1		\$ 280 00	
P CF 1753	Centralizer, 8 7/8"	ea	6		\$ 540 00	
P E 101	Heavy Equipment Mileage	mi	30		\$ 210 00	
P CE 240	Blending and Mixing Service	sk	295		\$ 413 00	
P E 113	Bulk Delivery	tn	191		\$ 304 80	
P CE 200	Cement Pump: 0 To 500 Feet	Job	1		\$ 1,000 00	
P E 100	Pickup Mileage	mi	15		\$ 63 75	
P CE 504	Plug Container	Job	1		\$ 250 00	
P 9003	Service Supervisor	Job	1		\$ 175 00	
					SUB TOTAL	\$ 4,037 73
					SERVICE & EQUIPMENT	%TAX ON \$
					MATERIALS	%TAX ON \$
					TOTAL	

CHEMICAL / ACID DATA			

SERVICE REPRESENTATIVE **Clarence R. Messick**

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY **Charles D. Roub...**

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FIELD SERVICE ORDER NO. \_\_\_\_\_

(WELL OWNER OPERATOR CONTRACTOR OR AGENT) 1/6 2010

KCC WICHITA

# BASIC

energy services, L.P.

KCC  
AUG 16 2010

## TREATMENT REPORT

Customer: SARGO oil-gas Lease No. CONFIDENTIAL Date: 04-12-10  
 Lease: MOORE Well #: 1-27  
 Field Order #: 1784 Station: PRATT Casing: 5 1/2 Depth: 493' County: PRATT State: KS  
 Type Job: CNW 5 1/2 Long Stems Formation: \_\_\_\_\_ Legal Description: 22-26-11

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	Max		8 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HMP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative: \_\_\_\_\_ Station Manager: DAVE SCOTT Treater: Talent Sullivan

Service Units	<u>19867</u>	<u>19889</u>	<u>19892</u>	<u>19826</u>	<u>19865</u>				
Driver Names	<u>Sullivan</u>	<u>Mitch</u>		<u>Ashby</u>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>1830</u>					<u>on hi safety meeting</u>
					<u>Run 11x 57x 5 1/2 15.5' esp.</u>
					<u>circ 6.5 1/2 way 15 min.</u>
<u>2050</u>					<u>Casing on Bottom</u>
<u>2100</u>					<u>Hook Up To Circ. esp.</u>
<u>2150</u>	<u>150</u>		<u>12</u>	<u>4 1/2</u>	<u>St Super Wash</u>
			<u>5</u>	<u>5</u>	<u>11 SPACK</u>
			<u>6</u>	<u>5</u>	<u>mix 25 st 60/40 per Scavenger eat</u>
			<u>24</u>		<u>mix 100 st AA-2 eat</u>
<u>2207</u>				<u>5</u>	<u>cont mixed shot down, with perf lines</u>
<u>2240</u>	<u>150</u>			<u>6.5</u>	<u>Release Plug</u>
	<u>250</u>		<u>85</u>		<u>St Plug</u>
	<u>900</u>		<u>100</u>	<u>3.5</u>	<u>1st PSI</u>
<u>2230</u>	<u>1800</u>		<u>111</u>		<u>Slow Rate</u>
			<u>7</u>	<u>2</u>	<u>Plug down Heat Held.</u>
			<u>5</u>		<u>Plug hit w/ 90st</u>
					<u>Plug max w/ 70 st</u>
					<u>Job Complete</u>

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*Thank you*



**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

AUG 16 2010  
WICHITA

0040170927  
FIELD SERVICE TICKET  
1718 1784 A

DATE OF JOB <b>4-12-10</b> DISTRICT <b>PRATT</b>		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 <b>SABCO OIL &amp; GAS COOP</b>		LEASE <b>MOORE</b> 1-22 WELL NO.				
ADDRESS <b>100261</b>		COUNTY <b>PRATT</b> STATE <b>KS</b>				
CITY STATE		SERVICE CREW <b>Scullion, Motley, Anthony</b>				
AUTHORIZED BY		JOB TYPE <b>CDW 5 1/2 LUMP SUM</b>				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <b>40210</b> DATE <b>8/16/20</b> TIME <b>1620</b>
<b>19829/19842</b>	<b>40</b>					ARRIVED AT JOB <b>8/16/20</b> TIME <b>1620</b>
<b>19826/19862</b>	<b>40</b>					START OPERATION <b>8/16/20</b> TIME <b>2150</b>
<b>19867</b>						FINISH OPERATION <b>8/16/20</b> TIME <b>2230</b>
						RELEASED <b>4-12-10</b> TIME <b>2200</b>
						MILES FROM STATION TO WELL <b>15</b>

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

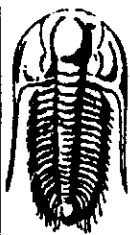
SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA-2 Curt	SK	100		1,700.00
CP 103	60/40 p2	SK	75		900.00
CC 105	Dis-bd mch	lb	25		96.00
CC 111	Salt	lb	450		229.50
CC 115	94% Blot	lb	71		365.65
CC 201	91 lb acid	lb	500		385.00
CC 129	FLU-322	lb	47		352.50
CP 607	Latch closed plug Bottle 5 1/2"	EA	1		400.00
CP 1251	Auto Fill Seat blue	EA	1		360.00
CP 1451	Turbolizer	EA	8		880.00
CP 1901	BA test	EA	1		290.00
C 704	CS-1L	gal	5		175.00
CC 155	Super Blot II	EA	500		245.00
E 101	Heavy Egg mltier	mi	30		210.00
CE 240	Blanking mixing	SK	125		240.00
E 113	Bulk Haly	EA	119		190.80
CE 205	Depth chng 4000' equal	EA	1		2,520.00
E 100	Reelup mltier	mi	15		63.75
CE 304	Flow Controller (total)	EA	1		250.00
5003	Solled Surfactant	EA	1		175.00
				SUB TOTAL	5986.50

CHEMICAL / ACID DATA: \_\_\_\_\_ RECEIVED  
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SERVICE & EQUIPMENT %TAX ON \$  
MATERIALS %TAX ON \$  
TOTAL 5986.50  
DLS

SERVICE REPRESENTATIVE *[Signature]* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY *[Signature]*  
FIELD SERVICE ORDER NO. \_\_\_\_\_ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



**TRIOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

Sabco Operating Company

Moore # 1-22

34 Wynden Dr.  
Houston, TX 77056

21-27s-12w Pratt KS

ATTN: Dave Williams

Job Ticket: 36855

DST#: 1

Test Start: 2010.04.08 @ 03:52:53

**GENERAL INFORMATION:**

Formation: **Mississippi**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 06:47:53

Time Test Ended: 13:17:53

Test Type: **Conventional Bottom Hole**

Tester: **Jerry Adams**

Unit No: **45**

Interval: **4263.00 ft (KB) To 4300.00 ft (KB) (TVD)**

Total Depth: **4300.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1848.00 ft (KB)**

**1835.00 ft (CF)**

KB to GR/CF: **13.00 ft**

Serial #: **6798**

Inside

Press@RunDepth: **113.82 psig @ 4264.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.04.08**

End Date:

**2010.04.08**

Last Calib.: **2010.04.08**

Start Time: **03:52:54**

End Time:

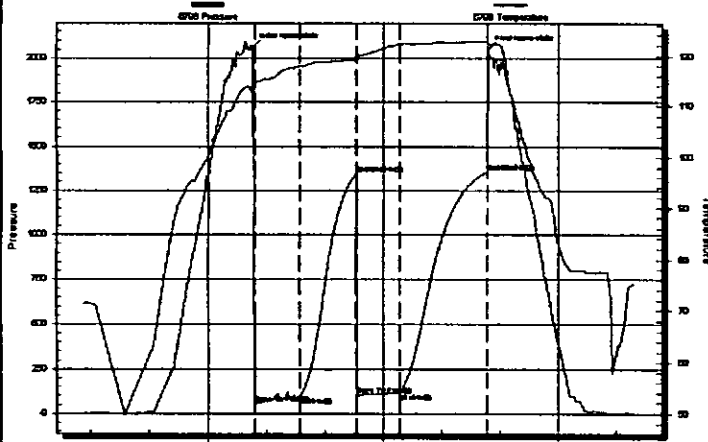
**13:17:53**

Time On Btm: **2010.04.08 @ 06:46:23**

Time Off Btm: **2010.04.08 @ 10:47:53**

TEST COMMENT: **FF:Strong blow . B.O.B. in 6 mins.  
FS:No blow .  
FF:Weak blow . B.O.B. in 26 mins.  
FS:No blow .**

Pressure vs. Time



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2061.14	112.61	Initial Hydro-static
2	52.88	113.73	Open To Flow (1)
48	90.18	117.98	Shut-In(1)
106	1343.78	119.27	End Shut-In(1)
107	99.94	119.71	Open To Flow (2)
151	113.82	122.27	Shut-In(2)
241	1356.07	122.78	End Shut-In(2)
242	2046.95	122.26	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
72.00	Drilling Mud w/oil specks 100%m	0.35
118.00	HVCM 40%w 60%m	0.70
0.00	RW .093 @ 85F = 73000 chlorides	0.00

**Gas Rates**

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

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**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Sabco Operating Company

Moore # 1-22

34 Wynden Dr.  
Houston, TX 77056

21-27s-12w Pratt KS

Job Ticket: 36855

DST#: 1

ATTN: Dave Williams

Test Start: 2010.04.08 @ 03:52:53

### 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:

73000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.14 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohmm

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.21 inches

### Recovery Information

#### Recovery Table

Length ft	Description	Volume bbbl
72.00	Drilling Mud w /oil specks 100% <i>m</i>	0.354
118.00	HVCM 40% <i>w</i> 60% <i>m</i>	0.699
0.00	RW .093 @ 85F = 73000 chlorides	0.000

Total Length: 190.00 ft

Total Volume: 1.053 bbl

Num Fluid Samples: 0

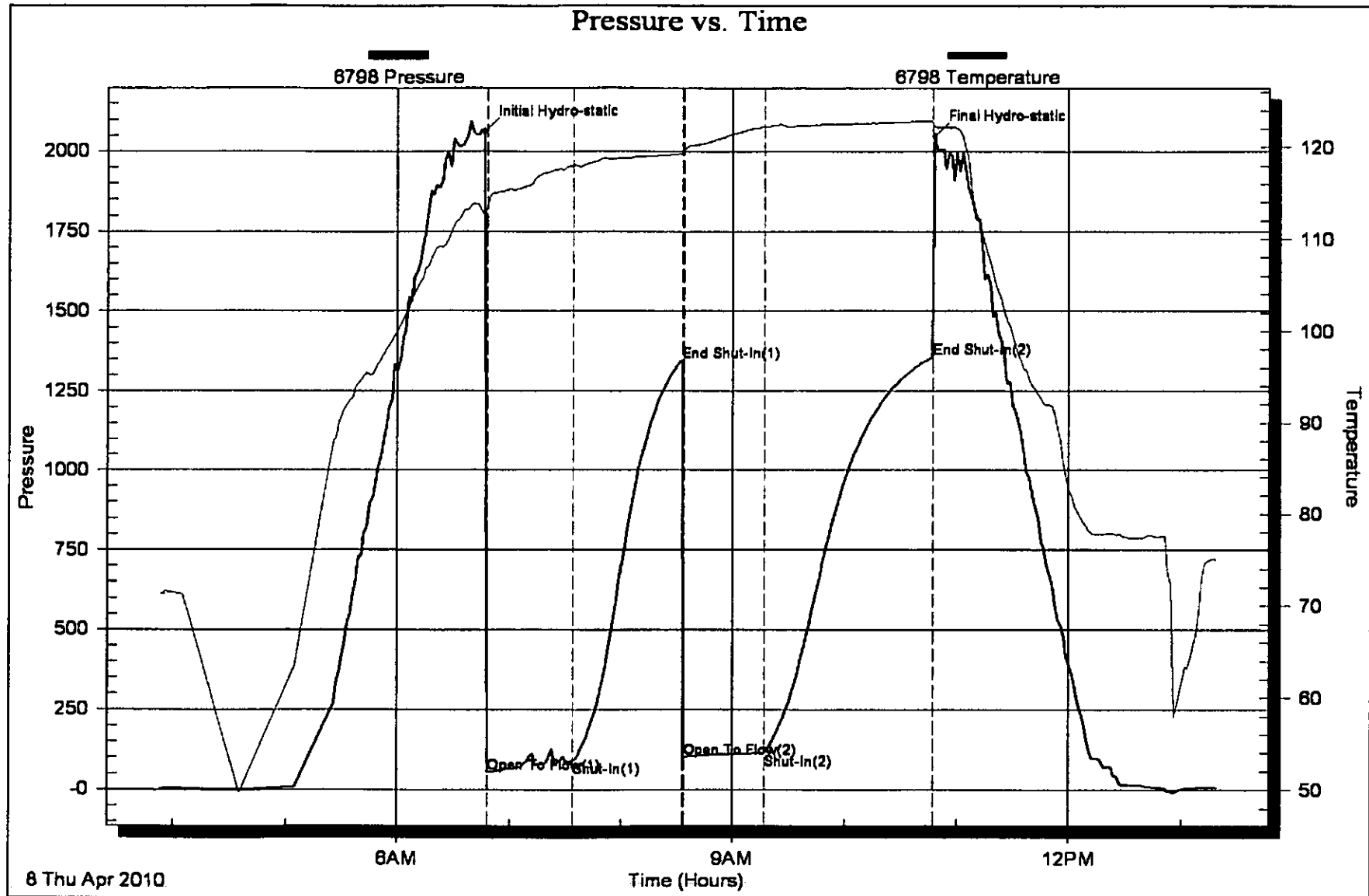
Num Gas Borbs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Sabco Operating Company

Moore # 1-22

34 Wynden Dr.  
Houston, TX 77056

21-27s-12w Pratt KS

Job Ticket: 36856

DST#: 2

ATTN: Dave Williams

Test Start: 2010.04.10 @ 14:36:30

### GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 16:36:00

Time Test Ended: 00:58:30

Test Type: **Conventional Straddle**

Tester: **Jerry Adams**

Unit No: **45**

Interval: **4265.00 ft (KB) To 4284.00 ft (KB) (TVD)**

Total Depth: **4852.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1848.00 ft (KB)**

**1835.00 ft (CF)**

KB to GR/CF: **13.00 ft**

Serial #: **6798**

Inside

Press@RunDepth: **348.37 psig @ 4275.00 ft (KB)**

Start Date: **2010.04.10**

End Date:

**2010.04.11**

Start Time: **14:36:31**

End Time:

**00:58:30**

Capacity: **8000.00 psig**

Last Calib.: **2010.04.11**

Time On Btm: **2010.04.10 @ 16:35:00**

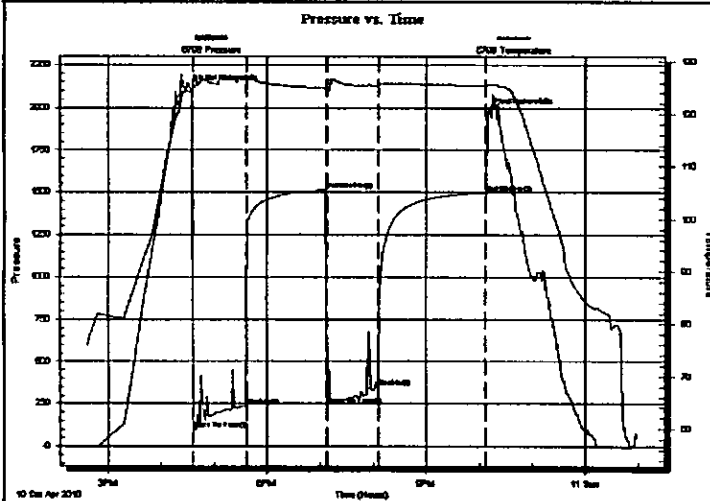
Time Off Btm: **2010.04.10 @ 22:08:30**

TEST COMMENT: **IF: Fair blow . B.O.B. in 12 mins.**

**IS: No blow .**

**FF: Weak blow . B.O.B. in 50 mins.**

**FS: No blow .**



### PRESSURE SUMMARY

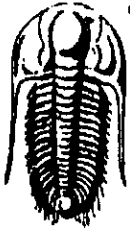
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2105.99	124.19	Initial Hydro-static
1	98.82	124.54	Open To Flow (1)
62	235.76	126.44	Shut-in(1)
152	1513.86	124.86	End Shut-in(1)
153	243.03	124.55	Open To Flow (2)
211	348.37	125.38	Shut-in(2)
332	1495.61	125.26	End Shut-in(2)
334	1974.99	125.45	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
687.00	Drilling Mud 100% m	8.02
118.00	VSWCM 3% w 97% m	1.66

### Gas Rates

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



**TRIOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Sabco Operating Company

**Moore # 1-22**

34 Wynden Dr.  
Houston, TX 77056

**21-27s-12w Pratt KS**

Job Ticket: 36856

DST#: 2

ATTN: Dave Williams

Test Start: 2010.04.10 @ 14:36:30

### 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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.74 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 0.21 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
687.00	Drilling Mud 100% <sub>m</sub>	8.024
118.00	VSWCM 3% <sub>w</sub> 97% <sub>m</sub>	1.655

Total Length: 805.00 ft      Total Volume: 9.679 bbl

Num Fluid Samples: 0

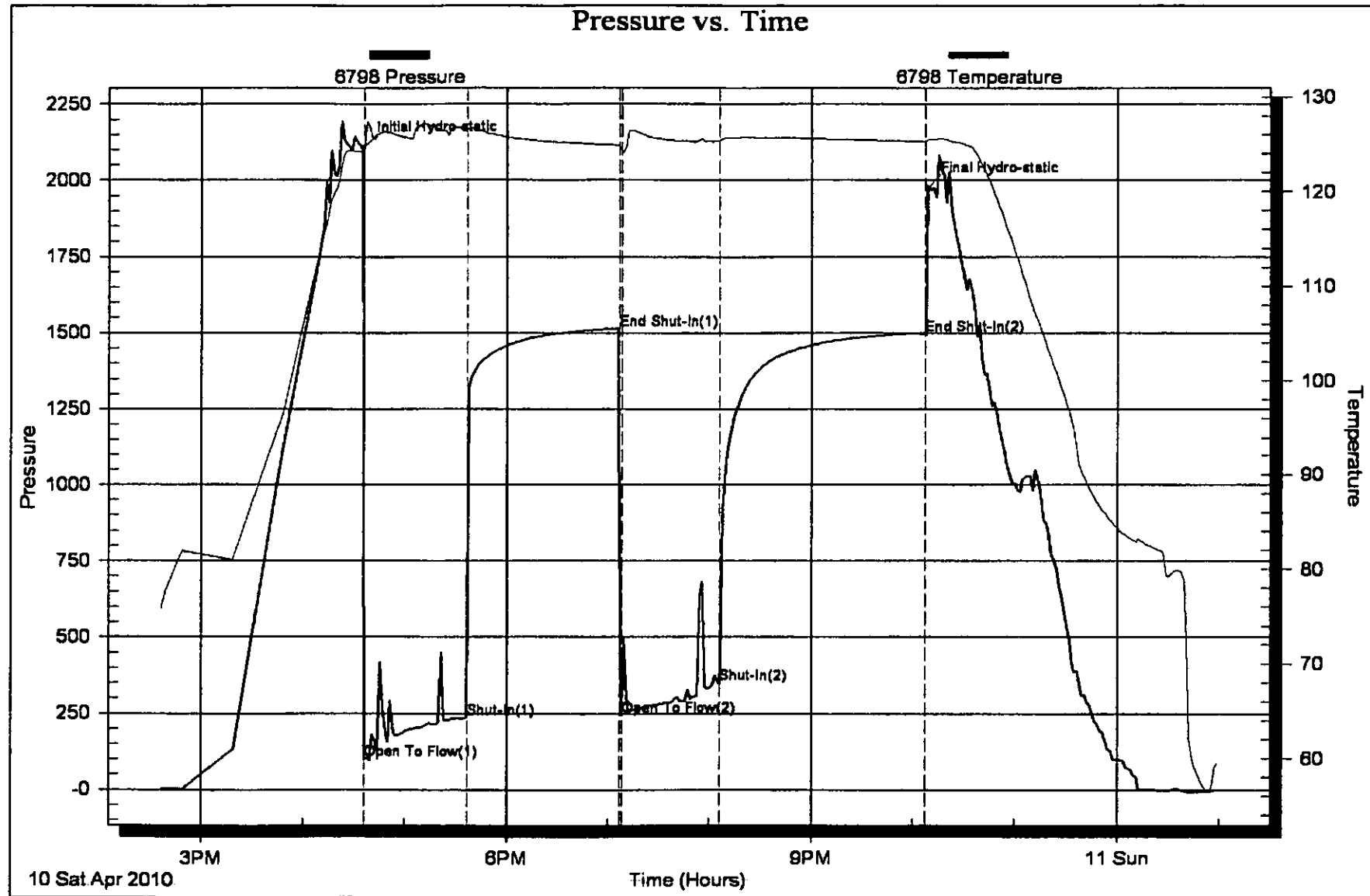
Num Gas Bombs: 0

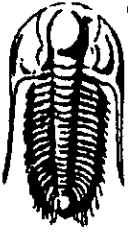
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Sabco Operating Company

Moore # 1-22

34 Wynden Dr.  
Houston, TX 77056

21-27s-12w Pratt KS

Job Ticket: 36857

DST#: 3

ATTN: Dave Williams

Test Start: 2010.04.11 @ 03:13:25

### GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 05:21:55

Time Test Ended: 12:44:25

Test Type: **Conventional Straddle**

Tester: **Jerry Adams**

Unit No: **45**

Interval: **4266.00 ft (KB) To 4275.00 ft (KB) (TVD)**

Total Depth: **4852.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1848.00 ft (KB)**

**1835.00 ft (CF)**

KB to GR/CF: **13.00 ft**

Serial #: **6798**

Inside

Press@RunDepth: **301.65 psig @ 4267.00 ft (KB)**

Start Date: **2010.04.11**

End Date:

**2010.04.11**

Capacity: **8000.00 psig**

Last Calib.: **2010.04.11**

Start Time: **03:13:26**

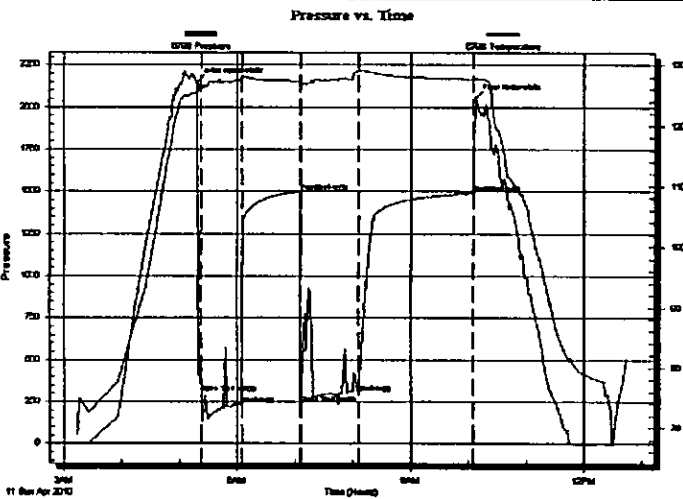
End Time:

**12:44:25**

Time On Btm: **2010.04.11 @ 05:18:25**

Time Off Btm: **2010.04.11 @ 10:07:55**

TEST COMMENT: **F:Strong blow . B.O.B. in 4 mins.  
IS:No blow .  
FF:Weak blow . B.O.B. in 50 mins.  
FS:No blow .**



### PRESSURE SUMMARY

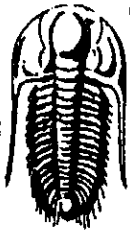
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2149.07	125.17	Initial Hydro-static
4	302.20	126.18	Open To Flow (1)
46	231.71	127.53	Shut-in(1)
107	1496.67	127.36	End Shut-in(1)
108	236.02	126.53	Open To Flow (2)
167	301.65	129.11	Shut-in(2)
287	1490.03	127.70	End Shut-in(2)
290	2058.54	127.77	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
680.00	Drilling Mud 100%m	7.93

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Sabco Operating Company

Moore # 1-22

34 Wynden Dr.  
Houston, TX 77056

21-27s-12w Pratt KS

Job Ticket: 36857

DST#: 3

ATTN: Dave Williams

Test Start: 2010.04.11 @ 03:13:25

### 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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.76 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohmm	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 0.21 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
680.00	Drilling Mud 100% <sub>m</sub>	7.926

Total Length: 680.00 ft      Total Volume: 7.926 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

