

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34148
Name: Sabco Operating Company
Address 1: 34 S. Wynden Dr
Address 2: _____
City: Houston State: TX Zip: 77056 + _____
Contact Person: Max Jameson
Phone: (713) 595-3612
CONTRACTOR: License # 5929
Name: Duke Drilling Company
Wellsite Geologist: David Williams
Purchaser: High Sierra Crude\ Oneok Field Services

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>03/17/2010</u>	<u>03/28/2010</u>	<u>06/15/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-151-22350-00-00

Spot Description: _____
SE NE SW SW Sec. 21 Twp. 27 S. R. 12 East West
704 Feet from North / South Line of Section
1,233 Feet from East / West Line of Section

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

County: Pratt
Lease Name: Barker Well #: 1-21
Field Name: Iuka-Carmi East

Producing Formation: Mississippian
Elevation: Ground: 1829 Kelly Bushing: 1842
Total Depth: 4576 Plug Back Total Depth: 4535
Amount of Surface Pipe Set and Cemented at: 351 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: 32000 ppm Fluid volume: 640 bbls
Dewatering method used: Removed free fluids & evaporate

Location of fluid disposal if hauled offsite:

Operator Name: Roberts Resources
Lease Name: Mary SWD-1 License #: 32781
Quarter SE Sec. 16 Twp. 29 S. R. 18 East West
County: Kiowa Permit #: D-28396

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: Max Jameson
Title: Environmental/Regulatory Manager Date: 10/15/2010

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: 10/18/10 - 10/18/12 **RECEIVED**
 Confidential Release Date: OCT 20 2010
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Dlg Date: 10/22/12
KCC WICHITA

Operator Name: Sabco Operating Company Lease Name: Barker Well #: 1-21
 Sec. 21 Twp. 27 S. R. 12 East West County: Pratt

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: Dual Induction, COMP, Density Neutron, Sonic, Micro Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3508</td> <td>-1666</td> </tr> <tr> <td>Lansing</td> <td>3704</td> <td>-1862</td> </tr> <tr> <td>Mississippian</td> <td>4157</td> <td>-2315</td> </tr> <tr> <td>Viola</td> <td>4303</td> <td>-2461</td> </tr> <tr> <td>Simpson Shale</td> <td>4365</td> <td>-2534</td> </tr> <tr> <td>Simpson Sand</td> <td>4395</td> <td>-2553</td> </tr> <tr> <td>Arbuckle</td> <td>4476</td> <td>-2634</td> </tr> </table>	Name	Top	Datum	Heebner	3508	-1666	Lansing	3704	-1862	Mississippian	4157	-2315	Viola	4303	-2461	Simpson Shale	4365	-2534	Simpson Sand	4395	-2553	Arbuckle	4476	-2634
Name	Top	Datum																							
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Simpson Shale	4365	-2534																							
Simpson Sand	4395	-2553																							
Arbuckle	4476	-2634																							

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 Casing	12 1/4"	8 5/8"	24	351'	Portland	350	60/40 POZ
Production Casing	7 7/8"	5 1/2"	15.5	4535'	Portland	225	60/40 POZ

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
3	4396-4400		4396-4400
3	4304-4307	100 gal 15% MCA	4304-4307
3	4236-4248 Set CIBP @ 4230	400 gal 10% MCA and 1500 gal 15% MCC	4236-4248
3	4192-4212	Frac100,000 # 20/40 and 34,000# 16/30	4192-4212
3	4160-4180	The above Frac included this interval	4160-4180

TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>4219'</u>	Packer At: <u>none</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. <u>6/24/2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	45	175	17	3889	42

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACC-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 ACC-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4160'-4212'</u> <div style="text-align: right; font-weight: bold; font-size: 1.2em;">RECEIVED</div>
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ASIC services, L.P.

TREATMENT REPORT

Oil & Gas
SABCO OPER. CO.
Lease No. _____ Date 3-18-10
Well # 1-21
Field Order # 1343 Station PRATT, Ks. Casing 8 5/8 Depth 352 County PRATT State Ks.
Type Job CNW-8 5/8 S.P. Formation _____ Legal Description 21-27-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft	CMT-	350 SKS. 60/40 P02	RATE	PRESS	ISIP	
Depth 330.98	Depth	From	To	Pre Pad @ 1.25 cu ft	Max		5 Min.	
Volume 21	Volume	From	To	Pad	Min		10 Min.	
Max Press 500	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 330.98	Packer Depth	From	To	Flush 21 BBL-H ₂ O	Gas Volume		Total Load	

Customer Representative MAVLEN ROACH Station Manager DAVE SCOTT Treater KEEVEN LESLEY

Service Units	27283	27463	19832	21010					
Driver Names	LESLEY	MATTEL	NALL	—					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:30 PM					ON LOCATION - SAFETY MEETING
1:10 AM					RUN CSG. 8 5/8" x 24" = 8 JTS.
2:40 AM					CSG. ON BOTTOM
2:45 AM					HOOK UP TO CSG. - BREAK CIRC. w/RIG
2:59 AM	150		5	5	H ₂ O SPACER
3:02 AM	150		78	5	Mix CMT @ 14.72 #/gal
3:20 AM					SHUT DOWN - RELEASE PLUG
3:25 AM	200		0	5	START DISPLACEMENT
3:30 AM	750		21	4	PLUG DOWN
					CIRCULATION THRU JOB
					CIRCULATED 20 BBL TO PIT
					JOB COMPLETE,
					THANKS,
					KEEVEN

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OCT 20 2010

KCC WICHITA



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

FIELD SERVICE TICKET
1718 1660 A

21-275-12W

DATE _____ TICKET NO. _____

DATE OF JOB: 3-28-10	DISTRICT: Pratt, Kansas	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: Sabco Oil and Gas Corporation		LEASE: Barker		WELL NO. 1-21			
ADDRESS:		COUNTY: Pratt		STATE: Kansas			
CITY:		STATE:		SERVICE CREW: C. Messick; J. Anthony; D. Phye			
AUTHORIZED BY:		JOB TYPE: C.N.W. - Longstring					

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
19,866	.75						3-28-10	PM 1:00
9,903-19,905	.75							AM 2:30
9,960-19,918	.75							AM 8:00
								AM 8:45
								AM 9:30
						RELEASED	3-28-10	AM 9:30
						MILES FROM STATION TO WELL	15	

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
E P105	AA-2 Cement	sk	200		\$ 3,400.00
E P103	60/40 Poz Cement	sk	75		\$ 900.00
cc 105	Defoamer	Lb	47		\$ 188.00
cc 111	Salt (Fine)	Lb	950		\$ 475.00
cc 115	Gas Blok	Lb	141		\$ 726.15
cc 129	FLA-322	Lb	94		\$ 705.00
cc 201	Gilsonite	Lb	1,000		\$ 670.00
c 704	CS-1L	Gal	5		\$ 175.00
cc 155	Super Flush II	Gal	500		\$ 765.00
CF 607	Latch Down Plug and Baffle, 5 1/2"	ea	1		\$ 400.00
CF 125	Auto Fill Float Shoe, 5 1/2"	ea	1		\$ 360.00
CF 165	Turbolizer, 5 1/2"	ea	10		\$ 1,100.00
E 101	Heavy Equipment Mileage	mi	30		\$ 210.00
E 113	Bulk Delivery	tm	306 190		\$ 304.00
E 100	Pickup Mileage	mi	15		\$ 63.75
CE 240	Blending and Mixing Service	sk	275		\$ 385.00
S003	Service Supervisor	Job	1		\$ 175.00
CE 205	Cement Pump: 4,000 Feet To 5,000 Feet	Job	1		\$ 2,520.00
E 504	Plug Container	Job	1		\$ 250.00

CHEMICAL / ACID DATA:			

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OCT 2 11 28 10

SUB TOTAL	\$ 7574.55
SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
TOTAL	

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SERVICE REPRESENTATIVE: *Charlene R. M. ...*
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Paul P. ...*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



TREATMENT REPORT

Customer Sabco Oil and Gas Corporation Lease No. [blank] Date 3-28-10
 Lease Barker Well # 1-21
 Field Order # 1660 Station Pratt, Kansas Casing 5 1/2 15.5 Lb./Ft. Depth 4,535 Feet County Pratt State Kansas
 Type Job C.W.W. - Longstring Formation Legal Description 21-275-12W

PIPE DATA		PERFORATION		CEMENT + FLUID USED		TREATMENT RESUME	
Casing Size 5 1/2	Tubing Size 15.5 Lb./Ft.	Shots/Ft 25	sacks 60/40 Poz with 28 Gel	Rate	PRESS	ISIP	
Depth 4,535 Feet	Depth	From	12 Lb./Gal., 11.89 Gal./9 Min.	Max 2.08	CU.FT./SK	5 Min.	
Volume 108 Bbl.	Volume	From	200 sacks AA-2 with .58 De foamer, .58	Min	FLA-322,	15 Min.	
Max Press 1,500 P.S.I.	Max Press	From	108 Salt .758 Gas Blot	Avg 5 Lb./Sk	Gilsonite	Annulus Pressure	
Plug Connection Plug Container	Annulus Vol.	From	15.3 Lb./Gal., 5.70 Gal./15 Min.	HP Used 37	CU.FT./SK		
Plug Depth 4,475 Feet	Packer Depth	From	To	107 Bbl. 28 Claymax	50 sacks 60/40 Poz to plug Rat & Mouse holes		

Customer Representative David Williams Station Manager David Scott Treater Clarence R. Messick

Service Units	19,866	19,903	19,905	19,960	19,918
Driver Names	Messick	Anthony	Phye		

Time A.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:30					Trucks on location and holds safety meeting.
4:00					Duke Drilling start to run Auto Fill Guide Shoe, Shoe Joint with Latch Down Baffle screwed into Collar and a total of 114 Joints new 15.5 Lb./Ft. 5 1/2" casing. Installed Turbolizers on Collars # 2, 4, 5, 7, 9, 10, 11, 15, 20 and # 21.
7:00					Casing in well. Circulate for 1 hour.
8:00	300			6	Start 9 Fresh Water Pre-Flush.
	300		20	6	Start Super Flush II.
	350		32	5	Start Fresh Water spacer.
	350		35	5	Start mixing 250 sacks 60/40 Poz cement.
	250		53	5	Start mixing 200 sacks AA-2 cement
	-0-		102		Stop pumping. Shut in well. Wash pump and lines Release Latch Down Plug. Open Well.
8:30	150			6.5	Start 28 Claymax Displacement.
			80	5	start to lift cement.
8:47	800		107		Plug down.
	1,500				Pressure up.
					Release pressure. Insert Float Shoe held.
	-0-		7-5	3	Plug Rat and Mouse holes. Wash up pump truck.
9:30					Job Complete. Thank You.

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BASICSM

ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

0040-03131
FIELD SERVICE TICKET

1718 1344 A

DATE _____ TICKET NO. _____

DATE OF JOB 3-18-10		DISTRICT Pratt, Ks.		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 SABCO OIL & GAS OPERATING CO.		LEASE BARKER		WELL NO. 1-21					
ADDRESS		COUNTY Pratt		STATE Ks.					
CITY		STATE		SERVICE CREW LESLEY, MATEL, NALL, GORDLEY					
AUTHORIZED BY		JOB TYPE: CNW - 8 5/8 S.P.							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
27283	1						3-17-10	<input checked="" type="checkbox"/>	
27463	1					ARRIVED AT JOB		<input checked="" type="checkbox"/>	11:30
19832/21010	1					START OPERATION	3-18-10	<input checked="" type="checkbox"/>	2:45
						FINISH OPERATION		<input checked="" type="checkbox"/>	3:30
						RELEASED		<input checked="" type="checkbox"/>	4:00
						MILES FROM STATION TO WELL			15

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: *Leon R. Taylor*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	60/40 POZ	SK	350		4,200 00
CC 102	CELL-FLAKE	lb	88		325 60
CC 109	CALCIUM CHLORIDE	lb	903		948 15
CF 105	TOP RUBBER CEMENT PLUG, 8 5/8"	EA	1		225 00
CF 1453	FLAPPER TYPE INSERT FLOAT VALVE, 8 5/8"	EA	1		280 00
CF 1753	CENTRALIZER	EA	10		540 00
E 101	HEAVY EQUIPMENT MILEAGE	MI	30		210 00
E 113	BULK DELIVERY CHARGE	TM	226		361 60
E 100	PICK UP MILEAGE CHARGE	MI	15		63 75
CE 240	BLENDED SERVICE CHARGE	SK	350		490 00
S 003	SERVICE SUPERVISOR, FIRST 8 HRS. ON LOC.	EA	1		175 00
CE 200	DEPTH CHARGE, 0-500'	HRS	1-4		1,000 00
CE 504	PLUG CONTAINER UTILIZATION CHARGE	JOB	1		250 00
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				OCT 20 2010	
				KCC WICHITA	

SUB TOTAL **4,534 55**

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE *Jason Lesley* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY *Calvin D. Rovel*
FIELD SERVICE ORDER NO. _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



October 18, 2010

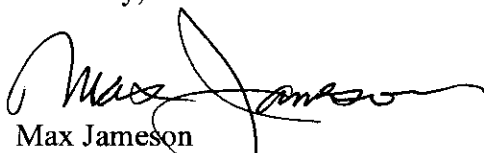
Kansas Corporation Commission
Conservation Division
130 South Market Street, Room 2078
Wichita, KS 67202

RE: Barker 1-21
SE-NE-NW-NW-21-27-12-W
Pratt County, KS
API # 15-151-22350-00-00

To the ACO-1 Production Staff:

Sabco hereby requests confidentiality of the captioned well's ACO-1 report and attachments pursuant to K.A.R. 82-3-107 (e). We specifically request for the maximum time period of two years from the date of the letter request. Thank you.

Sincerely,



Max Jameson
Environmental/Regulatory Manager

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Sabco Oil & Gas Corp.

Barke#1-21

34 Wynden Dr.
Houston TX 77056

21-27s-12w Pratt KS

Job Ticket: 36160

DST#: 1

ATTN: Dave Williams

Test Start: 2010.03.22 @ 15:01:31

GENERAL INFORMATION:

Formation: **Lans. B**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 17:01:46
 Time Test Ended: 21:23:31

Test Type: **Conventional Bottom Hole**
 Tester: **Gary Pevoteaux**
 Unit No: **39**

Interval: **3743.00 ft (KB) To 3763.00 ft (KB) (TVD)**
 Total Depth: **3763.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2842.00 ft (KB)**
2829.00 ft (CF)
 KB to GR/CF: **13.00 ft**

Serial #: 8167

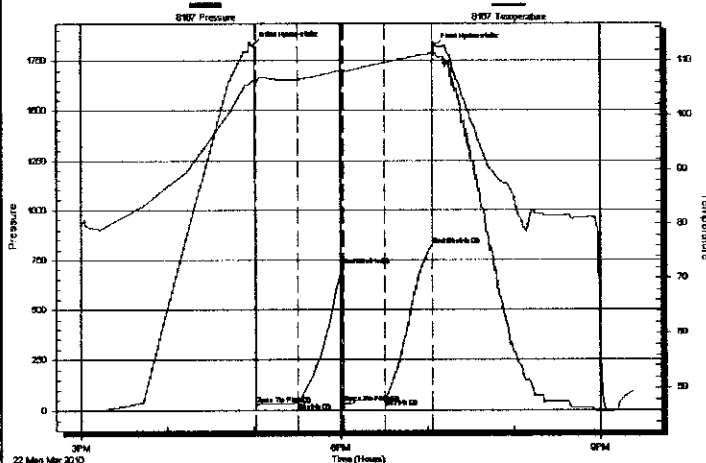
Inside

Press@RunDepth: **58.35 psig @ 3744.00 ft (KB)**
 Start Date: **2010.03.22** End Date: **2010.03.22**
 Start Time: **15:01:36** End Time: **21:23:30**

Capacity: **8000.00 psig**
 Last Calib.: **2010.03.22**
 Time On Btrr: **2010.03.22 @ 16:59:31**
 Time Off Btrr: **2010.03.22 @ 19:04:31**

TEST COMMENT: **IF: Strong blow . B.O.B. in 7 mins.**
IS: No blow .
FF: Strong blow . B.O.B. in 5 - 10 secs.
FS: No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1821.26	106.30	Initial Hydro-static
3	32.02	105.79	Open To Flow (1)
31	38.43	106.57	Shut-In(1)
62	723.62	108.31	End Shut-In(1)
63	34.04	108.11	Open To Flow (2)
91	58.35	109.59	Shut-In(2)
124	823.58	111.27	End Shut-In(2)
125	1815.26	113.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GM&WCO 37%g 13%m 12%w 38%o	0.30
40.00	GOCM 12%g 18%o 70%m	0.20
0.00	715 ft. of GPClean oil @ top of tool	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 Oil & Gas Corp.

Barke#1-21

34 Wynden Dr.
Houston TX 77056

21-27s-12w Pratt KS

Job Ticket: 36160 **DST#: 1**

ATTN: Dave Williams

Test Start: 2010.03.22 @ 15:01:31

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:	2500 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

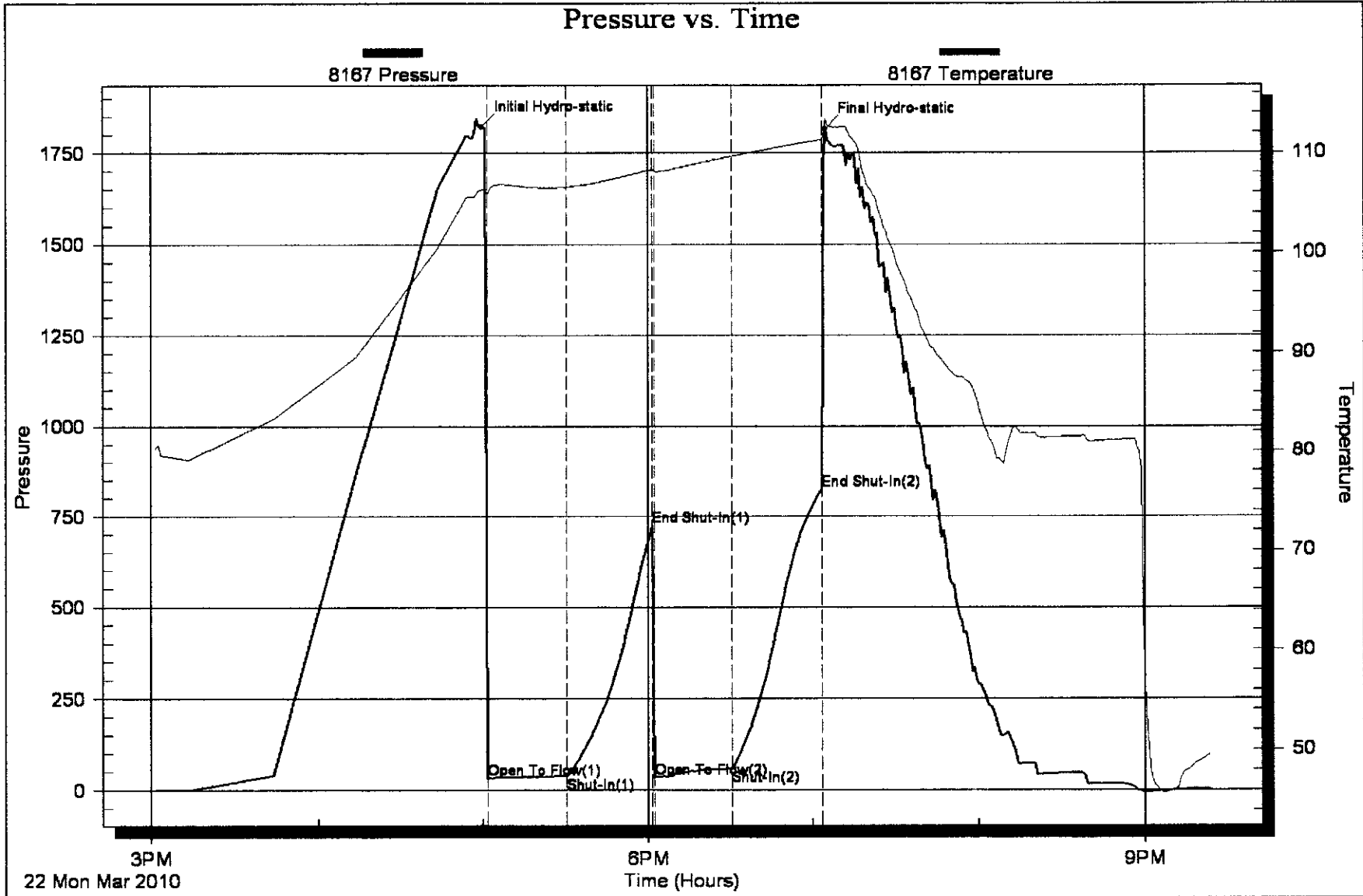
Length ft	Description	Volume bbl
60.00	GM&WCO 37%g 13%m 12%w 38%o	0.295
40.00	GOCM 12%g 18%o 70%m	0.197
0.00	715 ft.of GP/Clean oil @ top of tool	0.000

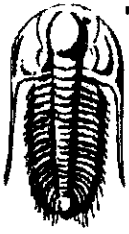
Total Length: 100.00 ft Total Volume: 0.492 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Sabco Oil & Gas Corp.

Barker#1-21

34 Wynden Dr.
Houston TX 77056

21-27s-12w Pratt KS

Job Ticket: 36161

DST#: 2

ATTN: Dave Williams

Test Start: 2010.03.23 @ 17:21:23

GENERAL INFORMATION:

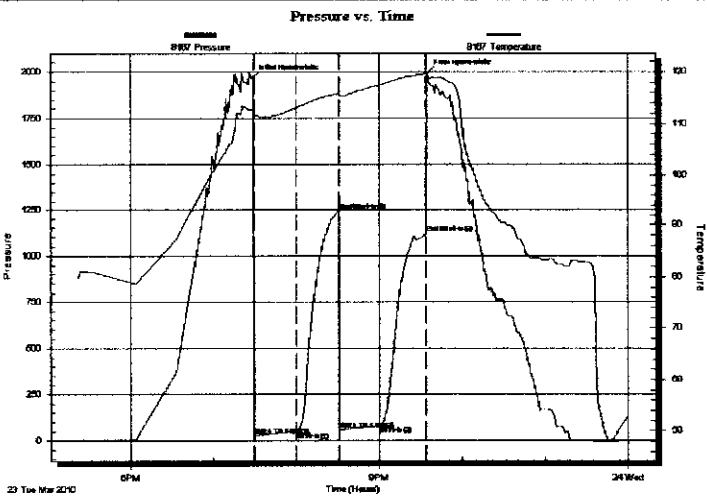
Formation: **Swope**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 19:29:38
 Time Test Ended: 00:00:23
 Interval: **3957.00 ft (KB) To 3978.00 ft (KB) (TVD)**
 Total Depth: **3978.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole**
 Tester: **Gary Revoteaux**
 Unit No: **39**
 Reference Elevations: **2842.00 ft (KB)**
2829.00 ft (CF)
 KB to GR/CF: **13.00 ft**

Serial #: 8167

Inside

Press@RunDepth: **79.12 psig @ 3958.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2010.03.23** End Date: **2010.03.24** Last Calib.: **2010.03.24**
 Start Time: **17:21:28** End Time: **00:00:22** Time On Btm: **2010.03.23 @ 19:27:53**
 Time Off Btm: **2010.03.23 @ 21:34:23**

TEST COMMENT: IF:Weak blow . Slow increase to 2".
 IS:No blow .
 FF:Weak blow . Slow increase to 1 3/4".
 FS:No blow .



PRESSURE SUMMARY

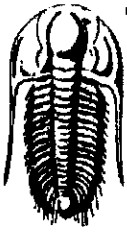
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1966.13	112.62	Initial Hydro-static
2	25.83	111.89	Open To Flow (1)
32	50.49	113.10	Shut-In(1)
63	1244.65	115.85	End Shut-In(1)
64	58.81	115.52	Open To Flow (2)
93	79.12	117.52	Shut-In(2)
126	1118.44	119.62	End Shut-In(2)
127	1990.29	119.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	MW/w o specs 14% m 86% w / R w .12 chr 0.2551 deg	
60.00	OCWM 5% o 21% w 74% m	0.30
0.00	75 ft. of GP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sabco Oil & Gas Corp.

Barker#1-21

34 Wynden Dr.
Houston TX 77056

21-27s-12w Pratt KS

Job Ticket: 36161

DST#: 2

ATTN: Dave Williams

Test Start: 2010.03.23 @ 17:21:23

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:

88000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
50.00	MMW/o specs 14% _m 86% _w / Rw .12 ohms@	0.246
60.00	OCWM 5% _o 21% _w 74% _m	0.295
0.00	75 ft. of GIP	0.000

Total Length: 110.00 ft

Total Volume: 0.541 bbf

Num Fluid Samples: 0

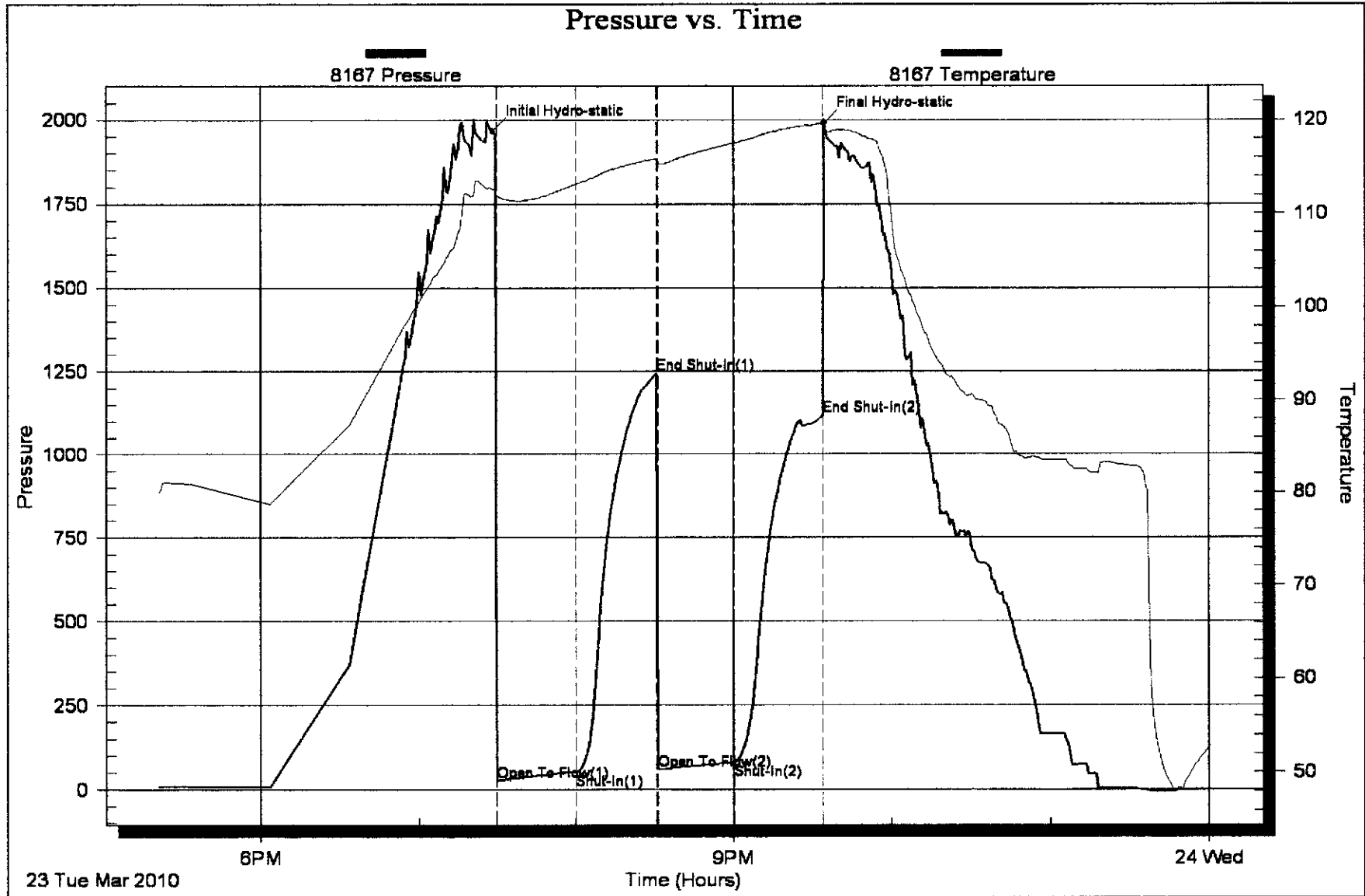
Num Gas Bombs: 0

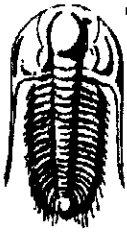
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Sabco Oil & Gas Corp.

Barker#1-21

34 Wynden Dr.
Houston TX 77056

21-27s-12w Pratt KS

ATTN: Dave Williams

Job Ticket: 36162

DST#: 3

Test Start: 2010.03.24 @ 17:27:49

GENERAL INFORMATION:

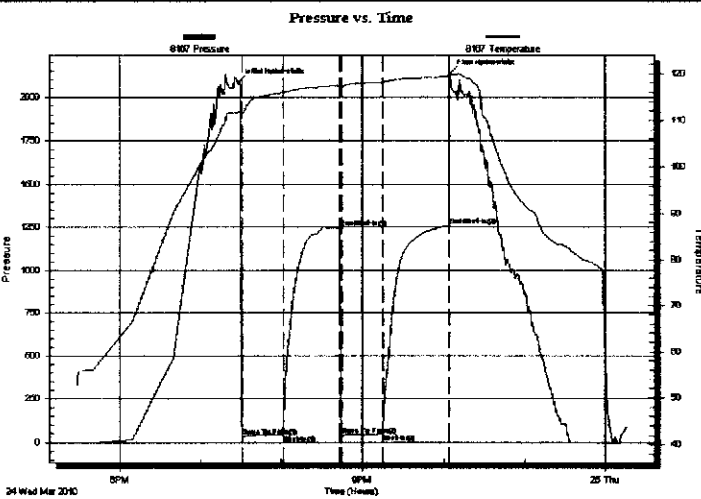
Formation: **Miss.**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 19:30:49
 Time Test Ended: 00:16:19
 Interval: **4140.00 ft (KB) To 4193.00 ft (KB) (TVD)**
 Total Depth: **4193.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole**
 Tester: **Gary Feveteaux**
 Unit No: **39**
 Reference Elevations: **2842.00 ft (KB)**
2829.00 ft (CF)
 KB to GR/CF: **13.00 ft**

Serial #: 8167

Inside

Press@RunDepth: **52.05 psig @ 4141.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2010.03.24** End Date: **2010.03.25** Last Calib.: **2010.03.25**
 Start Time: **17:27:54** End Time: **00:16:18** Time On Btm: **2010.03.24 @ 19:28:19**
 Time Off Btm: **2010.03.24 @ 22:04:33**

TEST COMMENT: **F:F:Strong blow . B.O.B. in 15 secs.GTS in 23 mins.(see gas flow report)**
1st:Strong blow . B.O.B.
FF:Strong blow . (see gas flow report)
FSI:Strong blow . B.O.B.



PRESSURE SUMMARY

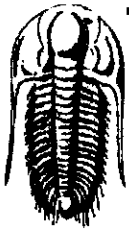
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2081.06	111.81	Initial Hydro-static
3	35.46	111.33	Open To Flow (1)
33	46.77	115.94	Shut-In(1)
75	1246.28	117.53	End Shut-In(1)
76	43.07	117.18	Open To Flow (2)
107	52.05	118.11	Shut-In(2)
156	1259.66	119.34	End Shut-In(2)
157	2134.37	119.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Drlg.mud	0.25

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	4.50	29.98
Last Gas Rate	0.25	9.00	37.12
Max. Gas Rate	0.25	9.00	37.12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sabco Oil & Gas Corp.

Barker#1-21

34 Wynden Dr.
Houston TX 77056

21-27s-12w Pratt KS

Job Ticket: 36162

DST#: 3

ATTN: Dave Williams

Test Start: 2010.03.24 @ 17:27:49

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:

4000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
50.00	Drig.mud	0.246

Total Length: 50.00 ft

Total Volume: 0.246 bbl

Num Fluid Samples: 0

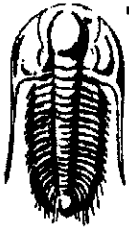
Num Gas Bombs: 2

Serial #: gp-3

Laboratory Name: caraw ay

Laboratory Location: Hugoton, KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Sabco Oil & Gas Corp.

Barker#1-21

34 Wynden Dr.
Houston TX 77056

21-27s-12w Pratt KS

Job Ticket: 36162

DST#: 3

ATTN: Dave Williams

Test Start: 2010.03.24 @ 17:27:49

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	30	0.25	4.50	29.98
1	30	0.25	4.50	29.98
2	5	0.25	8.00	35.54
2	10	0.25	9.00	37.12
2	20	0.25	9.00	37.12

