

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECEIVED

AUG 25 2010

ORIGINAL

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM KCC WICHITA
WELL HISTORY - DESCRIPTION OF WELL & LEASE

8/25/12

OPERATOR: License # 5316

Name: FALCON EXPLORATION INC.

Address 1: 125 N. MARKET, SUITE 1252

Address 2:

City: WICHITA State: KS Zip: 67202

Contact Person: MICHEAL S MITCHELL

Phone: (316) 262-1378

CONTRACTOR: License # 5822

Name: VAL ENERGY INC.

Wellsite Geologist: KEITH REAVIS

Purchaser: NCRA/LOST RIVER RESOURCES

Designate Type of Completion:

- New Well
- Re-Entry
- Workover
- Oil
- WSW
- SWD
- SIOW
- Gas
- D&A
- ENHR
- SIGW
- OG
- GSW
- Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic
- Other (Core, Expl., etc.):

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

Operator:

Well Name:

Original Comp. Date: Original Total Depth:

- Deepening
- Re-perf.
- Conv. to ENHR
- Conv. to SWD
- Conv. to GSW

Plug Back: Plug Back Total Depth

Commingled Permit #:

Dual Completion Permit #:

SWD Permit #:

ENHR Permit #:

GSW Permit #:

5/8/10 5/23/10 7/9/10

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 025-21506-0000

Spot Description:

SW SW SW SW Sec. 27 Twp. 30 S. R. 22 East West

100 Feet from North / South Line of Section

170 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE
- NW
- SE
- SW

County: CLARK

Lease Name: BARNHARDT Well #: 1-27

Field Name: WC

Producing Formation: MORROW

Elevation: Ground: 2353 Kelly Bushing: 2363

Total Depth: 6022 Plug Back Total Depth: 5800

Amount of Surface Pipe Set and Cemented at: 681 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: 15000 ppm Fluid volume: bbls

Dewatering method used: HAULED OFF FREE FLUIDS

Location of fluid disposal if hauled offsite:

Operator Name: DILLCO FLUID SERVICE

Lease Name: FELDMAN License #: 6652

Quarter Sec. 18 Twp. 34 S. R. 28 East West

County: MEADE Permit #: D23094

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: [Signature]

Title: PRESIDENT Date: 8/24/10

KCC Office Use ONLY

- Letter of Confidentiality Received Date: 8/25/10 - 8/25/12
- Confidential Release Date:
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NJ Date: 8/31/10

Operator Name: FALCON EXPLORATION INC. Lease Name: BARNHARDT Well #: 1-27
 Sec. 27 Twp. 30 S. R. 22 East West County: CLARK

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: MEL;CDL/CNL;DIL/BHCS	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED SHEET
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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	12-1/4	8-5/8	24	681	65/35;CLASS 'A'	225;150	6% GEL, 3% CC, 2% GEL, 3%CC
PRODUCTION	7-7/8	5-1/2	15.5	5812	AA2	200	

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 (Amount and Kind of Material Used)	Depth
4	5323-5332		

TUBING RECORD:	Size: <u>2-3/8"</u>	Set At: <u>5387</u>	Packer At: <u> </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>8/11/10</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u> </u>				
Estimated Production Per 24 Hours	Oil Bbls. <u>65</u>	Gas Mcf <u>260</u>	Water Bbls. <u> </u>	Gas-Oil Ratio <u>4333</u>	Gravity <u> </u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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) <u> </u>	PRODUCTION INTERVAL: <u>5323-32'</u>
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WELL HISTORY
BARNHARDT #1-27
SW SW SW SW SECTION 27-30S-22W
100' FSL & 170' FWL
CLARK COUNTY, KANSAS
API #15-025-21506-0000

RECEIVED
AUG 25 2010
KCC WICHITA

DST #1: 5290-5355', 3-140-70-1 20. STRONG BLOW ON FIRST OPEN. BOB INSTANTANEOUSLY, GTS IN 4 MINUTES. STRONG BLOW ON 2ND OPEN. BOB INSTANTANEOUSLY, GTS IN 12 MINUTES. FLUID TO SURFACE IN 12 MINUTES, FLOWED OTS IN 39 MIN. RECOVERED 20.45 OIL AND CONDENSATE, 8.66 BBL OF MUD & 16.40 BBL WATER. GAS RATE 701.47 MCF/D. IN 10 MINUTES. IHP 2712# -- IFP'S 884-789# -- ISIP 1699# -- FFP'S 785-983# -- FSIP 1691# FHP 2525#. BHT 124°.

DST #2: 5358-5370', 5-90-90-180. WEAK BLOW BUILDING TO 1 INCH OFF BOTTOM OF BUCKET. GTS IN 35 MINUTES ON 2ND OPEN, TSTM. GAS SAMPLE WAS CAUGHT, RECOVERED 20' SLIGHTLY GASSY & OIL CUT MUD, 62' SLIGHTLY GASSY OIL & WATER CUT MUD, 372' SLIGHTLY GAS CUT MUDDY WATER W/OIL SCUM, 124' SLIGHTLY MUD CUT WATER, 4775' GAS IN PIPE. IHP 2690# -- IFP'S 55-69# -- ISIP 1726# -- FFP'S 84-276# -- FSIP 1714# -- FHP 2556#.

LOG TOPS:

HEEBNER 4378(-2015)
BR LIME 4554(-2191)
LANSING 4575(-2212)
MARMATON 5050(-2687)
PAWNEE 5124(-2761)
CHEROKEE 5174(-2811)
MRW-ATOKA 5285(-2922)
MRW SAND 5321(-2958)
MISS 5375(-3012)
COWLEY FACIES 5820(-3457)

KCC
AUG 23 2010
CONFIDENTIAL

ALLIED CEMENTING CO., LLC. 043100

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

KCC
AUG 25 2010
CONFIDENTIAL

SERVICE POINT:
Medicine Lodge, KS

DATE <u>5-8-2010</u>	SEC. <u>27</u>	TWP. <u>30S</u>	RANGE <u>22W</u>	CALLED OUT <u>5:00 P.M.</u>	ON LOCATION <u>7:30 P.M.</u>	JOB START <u>12:00 AM</u>	JOB FINISH <u>1:00 AM</u>
LEASE <u>Burnham</u>	WELL # <u>1-27</u>	LOCATION <u>Kingsdown KS, Co. S, To Rd E</u>		COUNTY <u>Clark</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)		<u>1/4 E, 3/4 TO</u>					

CONTRACTOR Val #1
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 686 FT
 CASING SIZE 8 5/8 DEPTH 681.57
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 686 FT
 TOOL _____ DEPTH _____
 PRES. MAX 400 PSI MINIMUM —
 MEAS. LINE _____ SHOE JOINT 42.72
 CEMENT LEFT IN CSG. 42.72 FT
 PERFS. _____
 DISPLACEMENT Fresh Water 41 BBKs

OWNER Falcon
 CEMENT
 AMOUNT ORDERED 225sx CoS: 35:6% bel + 3% ce + 1/4" Flo-seal #150sx A + 3% ce + 2% bel 50" Sugar
 COMMON A 150 sx @ 15.45 2317⁵⁰
 POZMIX _____ @ _____
 GEL 5 sx @ 20⁰⁰ 104⁰⁰
 CHLORIDE 12 sx @ 58⁰⁰ 698⁴⁰
 ASC _____ @ _____
ALW 225 sx @ 14⁰⁰ 3130⁰⁰
Flo-seal 56 # @ 2.5⁰⁰ 140⁰⁰
 RECEIVED _____ @ _____
 AUG 25 2010 _____ @ _____
 KCC WICHITA _____ @ _____
 HANDLING 392 @ 2.40 940⁰⁰
 MILEAGE 392 / 10/25 980⁰⁰
 TOTAL 8510⁰⁰

EQUIPMENT
 PUMP TRUCK CEMENTER David West
 # 372 HELPER Darin F
 BULK TRUCK
 # 421/251 DRIVER Ron G.
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Pipe on Bottom Break cide Pump
225sx CoS: 35:6% bel + 3% ce + 1/4" Flo-seal
+ 150sx Class A + 3% ce + 2% bel shot
Down Release Plug Displace with 41
BBKs, Fresh Water Pump Plug Float did
Hold Cement did cing washup
Rig Down.

SERVICE

DEPTH OF JOB 681.57
 PUMP TRUCK CHARGE _____ @ _____
 EXTRA FOOTAGE 381 @ .85 323⁸⁵
 MILEAGE 25 @ 7⁰⁰ 175⁰⁰
 MANIFOLD Head Man. Fold @ N/c
 _____ @ _____
 _____ @ _____

CHARGE TO: Falcon
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 1516⁸⁵

PLUG & FLOAT EQUIPMENT

8 5/8
 1-AFU INSERT @ 158⁰⁰
 2-BASKETS @ 221⁰⁰ 442⁴⁰
 1-Rubber plug @ 113⁰⁰
 _____ @ _____
 _____ @ _____
 TOTAL 713⁰⁰

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
 TOTAL CHARGES ~~8510~~
 DISCOUNT ~~150~~ IF PAID IN 30 DAYS

PRINTED NAME X
 SIGNATURE X

Thank you!

KCC
AUG 25 2010

TREATMENT REPORT

Customer: <u>Falcon Exploration</u>	Lease No.:	Date:	
Lease: <u>Pacemont</u>	Well #: <u>27</u>	CONFIDENTIAL	
Field Order #: <u>2010-1</u>	Station: <u>1711</u>	Casing: <u>2 1/2"</u>	Depth: <u>112'</u>
Type Job: <u>242 5/8 10-1/2" 22</u>	Formation:	County: <u>Frank</u>	State: <u>KS</u>
Legal Description:			

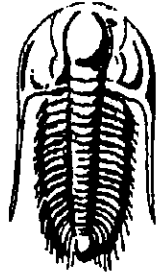
PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre-Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative: Chuck Tom Station Manager: J. Bennett Treater: A. Olivera

Service Units	<u>19816</u>	<u>127162</u>	<u>11355</u>	<u>14284</u>				
Driver Names	<u>A. Olivera</u>	<u>R. Cox</u>	<u>R. Martinez</u>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:00 am					on loc site assessment (wiper trip)
9:05 am					spot trucks - rig up
2:00 pm					start csa - spot equipment
6:00 am					run on atm break pipe 1 hr.
7:30 am					switch over to running lines - pressure test
7:31 am			5	3	start pumping 5 bbls H ₂ O spacer
7:33 am			17	2	12 bbls of surf flush
7:38 am			5	3	5 bbls of H ₂ O spacer
7:40 am			12	3	plug rod + mixure hole w/ 50 gals
7:45 am			51	5	mix 200 lbs AA2 cont @ 15 #
8:00 am					finish pumping cont down lines
8:05 am			0	6	drop down also csa
8:25 am			128	2	slow rate 100 lbs of surf
8:30 am			138	0	land plug - float hold
					job complete

RECEIVED
AUG 25 2010
KCC WICHITA



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration Inc.**

125 N Market Ste. 1252 Wichita Ks. 67202

ATTN: Keith

27 30 22 Clark KS

Barnhardt 1-27

Start Date: 2010.05.18 @ 00:30:00

End Date: 2010.05.18 @ 18:13:30

Job Ticket #: 37631 DST #: 1

KCC
AUG 25 2010
CONFIDENTIAL

Trilobite Testing, Inc

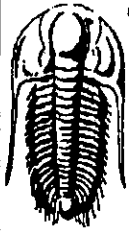
PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

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AUG 25 2010

KCC WICHITA



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Falcon Exploration Inc.
125 N Market Ste. 1252 Wichita Ks. 67202
ATTN: Keith

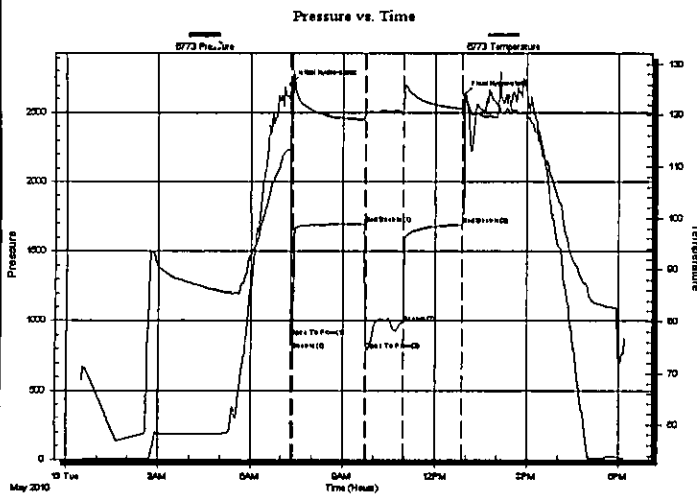
Barnhardt 1-27
27 30 22 Clark KS
Job Ticket: 37631 DST#: 1
Test Start: 2010.05.18 @ 00:30:00

GENERAL INFORMATION:

Formation: **Upper Morrow**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 07:19:30
Time Test Ended: 18:13:30
Interval: **5290.00 ft (KB) To 5355.00 ft (KB) (TVD)**
Total Depth: 5355.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Harley Davidson
Unit No: 33
Reference Elevations: 2364.00 ft (KB)
2353.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6773 Inside
Press@RunDepth: 983.17 psig @ 5325.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.05.18 End Date: 2010.05.18 Last Calib.: 2010.05.18
Start Time: 00:30:05 End Time: 18:13:29 Time On Btm: 2010.05.18 @ 07:18:09
Time Off Btm: 2010.05.18 @ 12:56:20

TEST COMMENT: IF- Strong blow BOB ASAO, GTS 4min.
IS- Strong blow.
FF- Strong blow BOB GTS ASAO, Fluid to surface 12min. "MUD"
FS- Strong blow.



PRESSURE SUMMARY

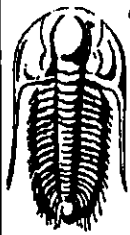
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2711.74	113.50	Initial Hydro-static
2	883.78	117.91	Open To Flow (1)
5	788.80	119.97	Shut-In(1)
145	1698.69	119.14	End Shut-In(1)
148	785.21	120.46	Open To Flow (2)
220	983.17	120.03	Shut-In(2)
336	1690.98	121.16	End Shut-In(2)
339	2636.35	120.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	20min 50%m 50%w	0.00
0.00	30min 50%m 50%oil	0.00
0.00	50min 100% condensate	0.00
0.00	60min 50%m 50%oil	0.00
0.00	70min 60%w 40%oil	0.00
62.00	50%m 30%oil 20%gas	0.87

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	10.00	701.47



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration Inc.

Barnhardt 1-27

125 N Market Ste. 1252 Wichita Ks. 67202

27 30 22 Clark KS

Job Ticket: 37631

DST#: 1

ATTN: Keith

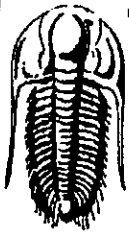
Test Start: 2010.05.18 @ 00:30:00

Tool Information

Drill Pipe:	Length: 5287.00 ft	Diameter: 3.80 inches	Volume: 74.16 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 140000.0 lb
			<u>Total Volume: 74.16 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	5290.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	93.00 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			5263.00	
Shut In Tool	5.00			5268.00	
Hydraulic tool	5.00			5273.00	
Jars	5.00			5278.00	
Safety Joint	3.00			5281.00	
Packer	5.00			5286.00	28.00 Bottom Of Top Packer
Packer	4.00			5290.00	
Stubb	1.00			5291.00	
Perforations	1.00			5292.00	
Change Over Sub	1.00			5293.00	
Drill Pipe	31.00			5324.00	
Change Over Sub	1.00			5325.00	
Recorder	0.00	8355	Inside	5325.00	
Recorder	0.00	6773	Inside	5325.00	
Perforations	27.00			5352.00	
Bullnose	3.00			5355.00	65.00 Bottom Packers & Anchor
Total Tool Length:	93.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Falcon Exploration Inc.
125 N Market Ste. 1252 Wichita Ks. 67202
ATTN: Keith

Barnhardt 1-27
27 30 22 Clark KS
Job Ticket: 37631 DST#: 1
Test Start: 2010.05.18 @ 00:30:00

Mud and Cushion Information

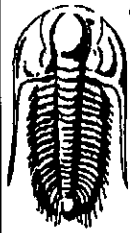
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	20000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.36 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 10600.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	20min 50%m 50%w	0.000
0.00	30min 50%m 50%oil	0.000
0.00	50min 100% condensate	0.000
0.00	60min 50%m 50%oil	0.000
0.00	70min 60%w 40%oil	0.000
62.00	50%m 30%oil 20%gas	0.870
558.00	100% water	7.827

Total Length: 620.00 ft Total Volume: 8.697 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW.3 @ 80F = 20000 chlorides



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Falcon Exploration Inc.
125 N Market Ste. 1252 Wichita Ks. 67202

Barnhardt 1-27

27 30 22 Clark KS

Job Ticket: 37631

DST#: 1

ATTN: Keith

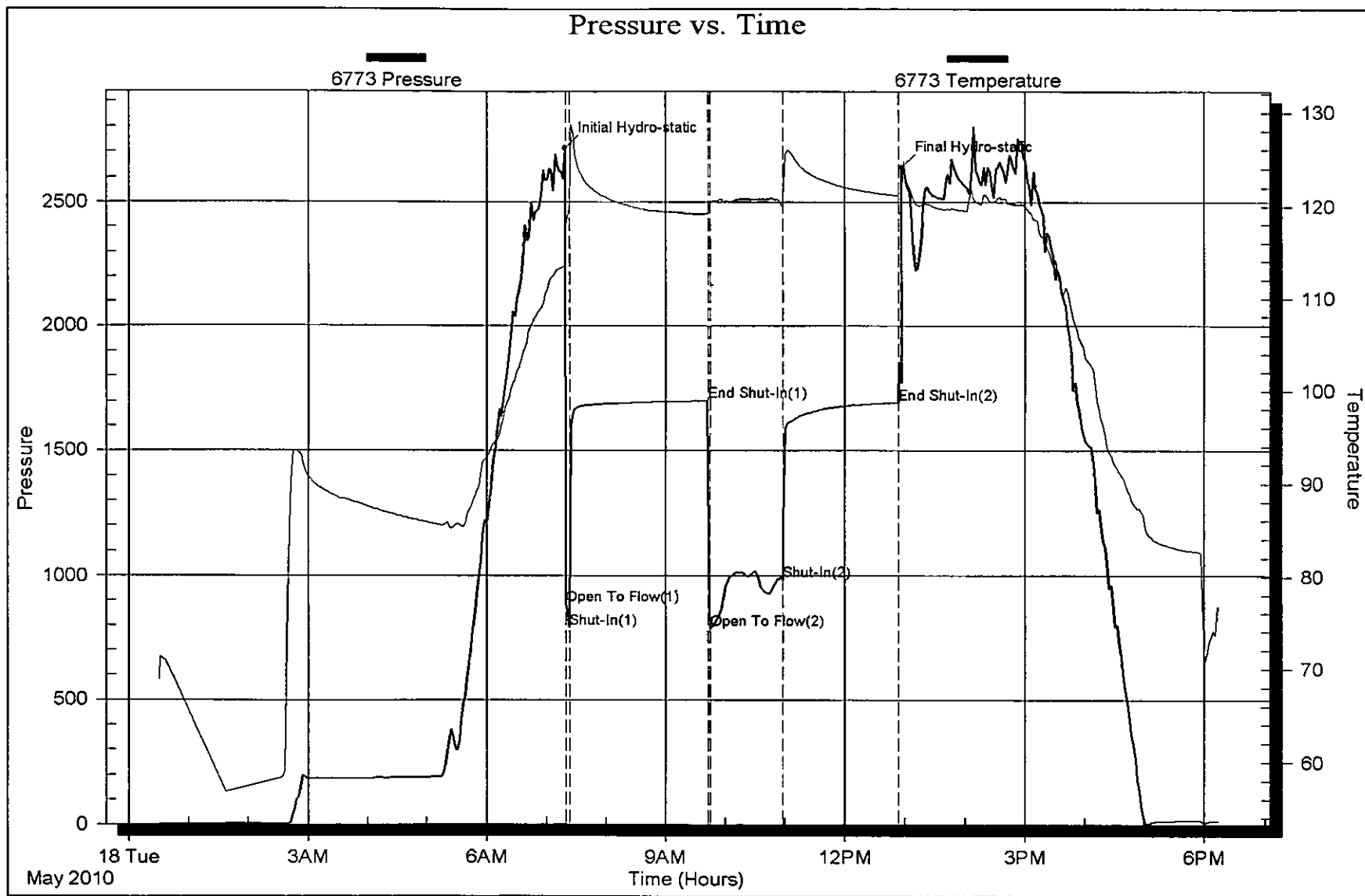
Test Start: 2010.05.18 @ 00:30:00

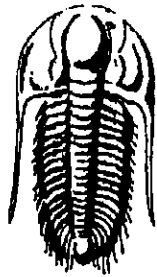
Gas Rates Information

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)
2	10	1.00	10.00	701.47





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration Inc.**

125 N Market Ste. 1252 Wichita Ks. 67202

ATTN: Keith

27 30 22 Clark KS

Barnhardt 1-27

Start Date: 2010.05.20 @ 01:06:59

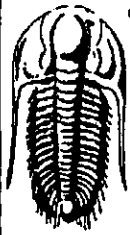
End Date: 2010.05.20 @ 14:06:29

Job Ticket #: 36903 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Falcon Exploration Inc.
125 N Market Ste. 1252 Wichita Ks. 67202
ATTN: Keith

Barnhardt 1-27
27 30 22 Clark KS
Job Ticket: 36903 **DST#: 2**
Test Start: 2010.05.20 @ 01:06:59

GENERAL INFORMATION:

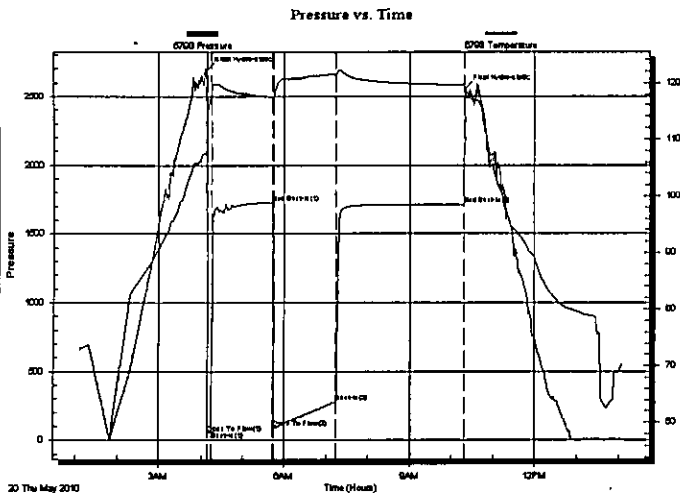
Formation: **Morrow Sand**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: **04:10:29**
 Time Test Ended: **14:06:29**
 Interval: **5358.00 ft (KB) To 5370.00 ft (KB) (TVD)**
 Total Depth: **5370.00 ft (KB) (TVD)**
 Hole Diameter: **7.78 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole**
 Tester: **Jerry Adams**
 Unit No: **45**
 Reference Elevations: **2364.00 ft (KB)**
2353.00 ft (CF)
 KB to GR/CF: **11.00 ft**

Serial #: 6798

Inside

Press@RunDepth: **276.19 psig @ 5359.00 ft (KB)**
 Capacity: **8000.00 psig**
 Start Date: **2010.05.20** End Date: **2010.05.20**
 Last Calib.: **2010.05.20**
 Start Time: **01:07:00** End Time: **14:06:29**
 Time On Btm: **2010.05.20 @ 04:07:59**
 Time Off Btm: **2010.05.20 @ 10:19:29**

TEST COMMENT: IF:Fair blow . Built to 11 1/2".
 IS:Weak blow . Built to 1".
 FF:Fair blow . B.O.B. in 18 mins. GTS in 35 mins. T.S.T.M
 FS:Weak blow . B.O.B. in 82 mins.



PRESSURE SUMMARY

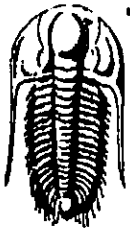
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2690.37	107.90	Initial Hydro-static
3	54.94	114.77	Open To Flow (1)
7	69.28	117.75	Shut-In(1)
96	1725.85	117.45	End Shut-In(1)
98	84.41	116.57	Open To Flow (2)
187	276.19	121.51	Shut-In(2)
370	1713.60	119.66	End Shut-In(2)
372	2556.03	117.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	SG&OCM 6%g 4%o 90%w	0.28
62.00	SGO&WCM 15%g 5%o 3%w 77%w	0.87
372.00	SGOMW w/oil scum 8%g 75%w 17%o	5.22
124.00	SMCW 95%w 5%o	1.74
0.00	4775' GIP	0.00
0.00	RW = .1 @ 90 deg.	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration Inc.
125 N Market Ste. 1252 Wichita Ks. 67202

ATTN: Keith

Barnhardt 1-27
27 30 22 Clark KS
Job Ticket: 36903 DST#: 2
Test Start: 2010.05.20 @ 01:06:59

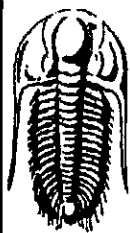
Tool Information

Drill Pipe:	Length: 5353.00 ft	Diameter: 3.80 inches	Volume: 75.09 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume: 75.09 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	5358.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	35.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5340.00	
Hydraulic tool	5.00			5345.00	
Jars	5.00			5350.00	
Safety Joint	3.00			5353.00	
Packer	5.00			5358.00	23.00 Bottom Of Top Packer
Stubb	1.00			5359.00	
Recorder	0.00	6798	Inside	5359.00	
Recorder	0.00	8367	Outside	5359.00	
Perforations	8.00			5367.00	
Bullnose	3.00			5370.00	12.00 Anchor Tool
Total Tool Length:	35.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Falcon Exploration Inc.
125 N Market Ste. 1252 Wichita Ks. 67202
ATTN: Keith

Barnhardt 1-27
27 30 22 Clark KS
Job Ticket: 36903 DST#: 2
Test Start: 2010.05.20 @ 01:06:59

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:	58000 ppm
Viscosity: 90.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.57 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 10800.00 ppm			
Filter Cake: 0.21 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	SG&OCM 6%g 4%o 90%m	0.281
62.00	SGO&WCM 15%g 5%o 3%w 77%m	0.870
372.00	SGCMVw/oil scum 8%g 75%w 17%m	5.218
124.00	SMCW 95%w 5%m	1.739
0.00	4775' GIP	0.000
0.00	RW = .1 @ 90 deg.	0.000

Total Length: 578.00 ft Total Volume: 8.108 bbl
 Num Fluid Samples: 3 Num Gas Bombs: 1 Serial #: GA-1
 Laboratory Name: Caraway Laboratory Location: Liberal, KS
 Recovery Comments:

