

**RELEASED FROM CONFIDENTIAL**  
**Kansas Corporation Commission**  
**Oil & Gas Conservation Division**  
**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

RECEIVED  
 Form ACO-1  
 November 1999  
 Form Must Be Typed  
 KANSAS CORPORATION COMMISSION

AUG 12 2003

Operator: License # 5058  
 Name: Corsair Energy, LC  
 Address: 914 E. Douglas Ave  
 City/State/Zip: Wichita, KS 67202  
 Purchaser: Post Rock Gas  
 Operator Contact Person: Jim Collins  
 Phone: ( ) 316-267-7779  
 Contractor: Name: Duke Drilling, Inc.  
 License: 5929

Wellsite Geologist: Tim Hellman  
 Designate Type of Completion:  
 New Well       Re-Entry       Workover  
 Oil       SWD       SLOW       Temp. Abd.  
 Gas       ENHR       SIGW  
 Dry       Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well info as follows:  
 Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_

Original Comp. Date \_\_\_\_\_ Original : Total Depth \_\_\_\_\_  
 Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Comingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_

4/21/2003      5/8/2003      6/16/2003  
 Spud Date or      Date Reached TD      Compl. Date or  
 Recompletion Date           Recompletion Date

**CONFIDENTIAL**  
**KCC**  
 AUG 11 2003  
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API No. 15- 033-21344-00-00  
 County: Comanche  
NW - SW - Sec. 5 Twp. 33S S. R. 19W East  West  
1980 FSL feet from (S) (circle one) Line of Section  
540 FWL feet from (E) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW (SW)  
 Lease Name: Jellison A Well #: 1-5

Field Name: Bird South  
 Producing Formation: Viola  
 Elevation: Ground 1876" Kelly Bushing: 1887"  
 Total Depth: 6250' Plug Back Total Depth: 6163'  
 Amount of Surface Pipe Set and Cemented at 650'  Feet  
 Multiple Stage Cementing Collar Used? Yes  X No   
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement, circulated from 650'  
 feet depth to Surface w/ 700 sx cmt.

**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit)  
 Chloride content 5000 ppm Fluid volume 605 bbls  
 Dewatering method used Haul Free Fluids  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: KBW  
 Lease Name: Harmon SWD License No.: 5993  
 Quarter Sec. 11 Twp. 33 S R. 20W East \_\_\_\_\_ West \_\_\_\_\_  
 County: Comanche Docket No.: D-22304

*ACT on 9.8.03*

**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 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.

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: Managing Member Date: 8/11/2003

Subscribed and sworn to before me this 11<sup>th</sup> day of August  
 2003

Notary Public: Virginia Lee Smith  
 Date Commission Expires: August 25, 2004

**KCC Office Use Only**

Letter of Confidentiality Attached

If Denied, Yes \_\_\_\_\_ Date: \_\_\_\_\_

Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**VIRGINIA LEE SMITH**  
 NOTARY PUBLIC  
 STATE OF KANSAS  
 My Appt. Exp. 8/25/04

Operator Name: Corsair Energy, LC Lease Name: Jellison A Well #: 1-5

Sec. 5 Twp. 33S R. 19W East West County: Comanche

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stem tests giving interval tested, time tool open and closed, flow and shut-in pressures, whether shut-in pressures 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 copy of all Electric Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach additional Sheets)</i>	<u>X</u> Yes <u>    </u> No	<u>X</u> Log	Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey	<u>X</u> Yes <u>    </u> No	Name:	Top	Datum
Cores Taken	<u>    </u> Yes <u>X</u> No	Heebner	4149	-2262
Electric Log Run <i>(Submit Copy)</i>	<u>X</u> Yes <u>    </u> No	Brown Lime	4322	-2435
List All E. Logs run:	DI, CNDL, Micro, FF, Sonic	Lansing	4340	-2453
		Stark Sh	4670	-2783
		Swope	4675	-2788
		BKC	4827	-2940
		Marmaton	4841	-2954
		Altamont	4878	-2991
		Pawnee	4923	-3036
		Miss	5057	-3170
		Viola	5832	-3945
		Simpson Dol	5994	-4107
		Arbuckle	6170	-4283

CASING RECORD <u>X</u> New <u>    </u> 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
Conductor	30"	20"		61"	Grout	74 yds	
Surface	12 1/4"	8 5/8"	23#	650'	65/35 poz	700	6% gel, 3% cc
Production	7 7/8"	5 1/2"	15.5#	6217'	AA-2 Prem	350	AA-2 10%, 6% cc, 1% FLA,

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent of 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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
4	Tubing Conveyed Perforation 5825-5845	Natural Completion	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	5819'		Yes <u>X</u> No

Date of First, Resumed Production, SWD or Enhr. <b>6/16/2003</b>	Producing Method <u>X</u> Flowing <u>    </u> Pumping <u>    </u> Gas Lift <u>    </u> Other (explain)
Estimated Production Per 24 Hours	Oil Bbls Gas MCF Water Bbls Gas-Oil Ratio Gravity
	900 0 0.6663

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<u>    </u> Vented <u>X</u> Sold <u>    </u> Used on Lease	<u>    </u> Open Hole <u>    </u> Dual Comp. <u>    </u> Commingled	5825-45
<i>(If vented, Submit ACO-18.)</i>	<u>X</u> Other (Specify) <u>    </u> Tubing Gun	

AUG 12 2003

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TREATMENT REPORT

KCC



CONSERVATION DIVISION  
WICHITA, KS

Customer ID	Date
Customer Corsair Energy	5-10-03
Lease Jellison A	Lease No.
	Well # 1-3

Field Order # 6365	Station Pratt KS	Casing 5 1/2	Depth	County Comanche	State KS
Type Job long string New Well			Formation	Legal Description 3-33-19w	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 3 1/2	Tubing Size	Shots/Ft		Acid 350 sk. AA-2 10% Salt	RATE 6.1	PRESS 2500	ISIP	
Depth 6174	Depth PSTP	From	To	Pre Pad 18 FLA-322, 2 Drfoamer	Max 14 M.F.		5 Min.	
Volume 146.9	Volume	From	To	Pad 148 ft <sup>3</sup> 14.8 ppg	Min		10 Min.	
Max Press 2500	Max Press	From	To	Frac 92.2 Bbl. SL	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To	25-11.60-40 poz Plug	HHP Used K.Flo M.H.		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush 300 gals Super Flush II	Gas Volume		Total Load	

Customer Representative Jim Collins	Station Manager Dave Autry	Treater D. Scott
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Service Units	106	35	57	36	70				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2200					Released FROM CONFIDENTIAL
					On loc w/ Trki Safety mtg
					FS Bottom Baffle Top S.J. Basket 11+29
					vent 1-3-5-7-10-11-13-19-24-29-32-36-41-43-50
					Msg on Bottom Drop Ball Circ w/12.ig
0504	400		5	5	H2O Spacer
0506	400		12	5	St Super Flush
0508	400		5	5	H2O Spacer
0517	500		92.2	6.1	mix amt 2 14.8 ppg 350 sk.
0533			10	5	Chose In + Wash Pump + line
0537	100			7.0	Release Plug + St Disp w/H2O
0551	350		102	6.5	lifting amt decrease rate
0559	1500		147	6	Plug Down + psi Test Msg
0601					Release psi. Held
					Rotate Msg Thru Job
					lost Circ 250 Bbl out
					Regained 2 102 Bbl out
					Plug R.H.a M.H. w/25 ski 60-40 poz
					Job Complete
					Thank you Scotty

# ALLIED CEMENTING CO., INC

12382

**CONFIDENTIAL**

Federal Tax ID # [REDACTED]

**ORIGINAL**

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

AUG 11 2003

SERVICE POINT:  
Med. Lodge, KS

DATE <u>4-22-03</u>	SEC. <u>5</u>	TWP. <u>33</u>	RANGE <u>19</u>	CONFIDENTIAL <u>430</u>	ON LOCATION <u>630</u>	JOB START <u>2<sup>15</sup></u>	JOB FINISH <u>10<sup>00</sup></u>
LEASE <u>Jellison</u>		WELL # <u>A-5</u>	LOCATION <u>Coldwater Ss, To Sect 4w</u>		COUNTY <u>CONFIDENTIAL</u>	STATE <u>RELEASSED</u>	
OLD OR <u>NEW</u> (Circle one)			(mm) <u>173 n/s</u>			FROM	

CONTRACTOR Duke #1

TYPE OF JOB Surface

HOLE SIZE <u>12 1/4"</u>	T.D. <u>650'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>651'</u>
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2"</u>	DEPTH <u>650'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM <u>50</u>
MEAS. LINE <u>300</u>	SHOE JOINT <u>45.60</u>
CEMENT LEFT IN CSG. <u>45.60</u>	
PERFS.	
DISPLACEMENT <u>38 1/2</u>	

OWNER Corsair Energy **CONFIDENTIAL**

CEMENT  
AMOUNT ORDERED 225 sx 65' 35' 6" + 3% cct + 1/4" Flo Seal 225 sx Class A + 3% cct + 2% gel  
Top off 350 sx Class A + 3% cct

COMMON	<u>575 A</u>	@	<u>7.15</u>	<u>4111.25</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>10.00</u>	<u>40.00</u>
CHLORIDE	<u>28</u>	@	<u>30.00</u>	<u>840.00</u>
ALW	<u>225</u>	@	<u>6.70</u>	<u>1507.50</u>
Flo Seal	<u>56 #</u>	@	<u>1.40</u>	<u>78.40</u>
		@		
		@		
HANDLING	<u>844</u>	@	<u>1.15</u>	<u>970.60</u>
MILEAGE	<u>45 x .05 x 844</u>			<u>1899.00</u>

TOTAL 9446.75

**EQUIPMENT**

PUMP TRUCK # <u>281</u>	CEMENTER <u>Mike Rucker</u>
	HELPER <u>Eric Brewer</u>
BULK TRUCK # <u>363</u>	DRIVER <u>Mitch Wells</u>
BULK TRUCK # <u>340</u>	DRIVER <u>Traven Cushmanberry</u>
BULK TRUCK # <u>353</u>	DRIVER <u>Thad Cartall</u>

**REMARKS:**

25 Pipe on bottom. Did not break  
Circ. 2<sup>15</sup> Start lead Cement @ 12 SW weight  
225 start lead Cement @ 15.2 weight. 235 stop  
Pumps Release Plug Start Disp 245 Pump  
plug 100-300 shut in. Cement did not circ.  
305 Top off with 100sx class A + 3% cct + 2% gel  
Did not circ. W.P.F. 530 Top off with 100sx class A + 3%  
@ 15.2 weight. Did not circulate. 600 Top off with 100sx class A + 3%  
Did not circulate. 800 Top off 50sx class A + 3% Cement Did  
Circulate. 945 Top off with 225sx class A + 3% cct + 2% gel  
Cement Did circulate to surface.

**SERVICE**

DEPTH OF JOB	<u>651'</u>		
PUMP TRUCK CHARGE	<u>0-300'</u>		<u>520.00</u>
EXTRA FOOTAGE	<u>351'</u>	@	<u>.50</u> <u>175.50</u>
MILEAGE	<u>45</u>	@	<u>3.50</u> <u>157.50</u>
PLUG	<u>T.R.P.</u>	@	<u>100.00</u> <u>100.00</u>
		@	
		@	

TOTAL 953.00

CHARGE TO: Corsair Energy

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

<u>8 5/8 Gempco</u>		
1-Baffle Plate	@	<u>45.00</u> <u>45.00</u>
1-Basket	@	<u>180.00</u> <u>180.00</u>
1-Centralizers	@	<u>55.00</u> <u>55.00</u>
	@	
	@	

TOTAL 280.00

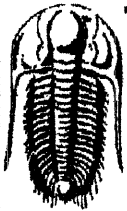
To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS"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

TAX	<u>-0-</u>
TOTAL CHARGE	<u>10,679.75</u>
DISCOUNT	<u>1067.98</u> IF PAID IN 30 DAYS

SIGNATURE Mike Rucker

Mike Godfrey  
PRINTED NAME

Net \$ 9611.77



**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

Corsair Energy

Jellison A 1-5

914 E Douglas  
Wichita Ks 67202

5 33s 19w

Job Ticket: 17831

DST#: 1

ATTN: Tim Hellman

Test Start: 2003.04.29 @ 04:05:47

**GENERAL INFORMATION:**

Formation: **Lansing B**  
Deviated: **No Whipstock** ft (KB)  
Time Tool Opened: **07:31:32**  
Time Test Ended: **17:45:32**

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Test Type: **Conventional Bottom Hole**  
Tester: **Wenrich**  
Unit No: **24**

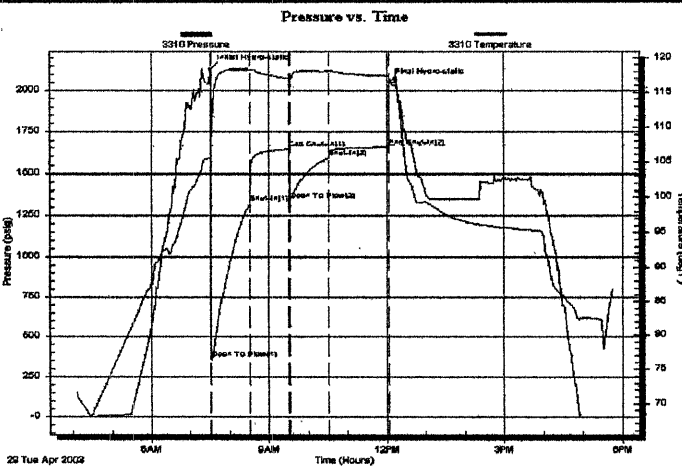
Interval: **4373.00 ft (KB) To 4418.00 ft (KB) (TVD)**  
Total Depth: **4418.00 ft (KB) (TVD)**  
Hole Diameter: **7.79 inches** Hole Condition: **Fair**

Reference Elevations: **1887.00 ft (KB)**  
**1876.00 ft (CF)**  
KB to GR/CF: **11.00 ft**

**Serial #: 3310** Inside  
Press@RunDepth: **1591.76 psig @ 4374.00 ft (KB)**  
Start Date: **2003.04.29** End Date: **2003.04.29**  
Start Time: **04:05:47** End Time: **17:45:32**

Capacity: **7000.00 psig**  
Last Calib.: **1899.12.30**  
Time On Btm: **2003.04.29 @ 07:30:32**  
Time Off Btm: **2003.04.29 @ 12:03:32**

**TEST COMMENT:** IF: Strong blow .BOB in 45 secs.  
IS: Weak blow .1/4"-2" in bucket.  
FF: Strong blow .BOB in 2.5 mins.  
FS: Weak blow .1/4"-3 1/2" in bucket.



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2133.44	105.63	Initial Hydro-static
1	363.55	106.69	Open To Flow (1)
60	1320.88	118.21	Shut-In(1)
120	1646.76	117.02	End Shut-In(1)
121	1337.56	116.99	Open To Flow (2)
180	1591.76	118.08	Shut-In(2)
272	1657.27	117.36	End Shut-In(2)
273	2052.29	117.39	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
2600.00	w	35.92
600.00	gw cm 35%g 35%m 30%w	8.42

**Gas Rates**

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

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Corsair Energy

Jellison A 1-5

914 E Douglas  
Wichita Ks 67202

5 33s 19w

Job Ticket: 17832

DST#: 2

ATTN: Tim Hellman

Test Start: 2003.04.30 @ 23:40:51

GENERAL INFORMATION:

Formation: Swope  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 02:42:51  
Time Test Ended: 11:07:21

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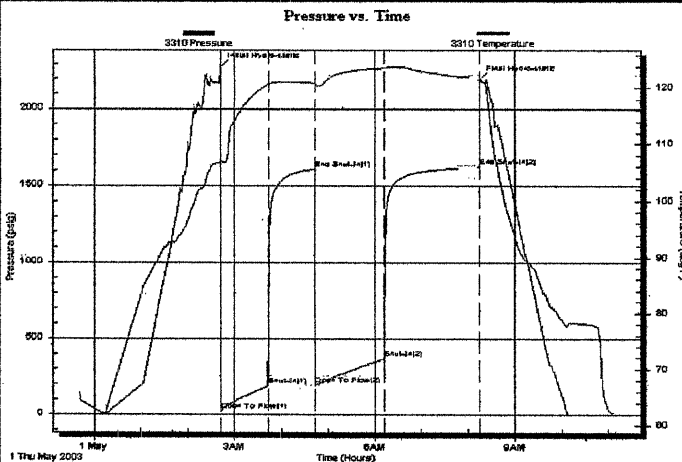
Test Type: Conventional Bottom Hole  
Tester: Wenrich  
Unit No: 24

Interval: 4360.00 ft (KB) To 4406.00 ft (KB) (TVD)  
Total Depth: 4418.00 ft (KB) (TVD)  
Hole Diameter: 7.79 inches Hole Condition: Fair

Reference Elevations: 1887.00 ft (KB)  
1876.00 ft (KB)  
KB to GR/CF: 11.00 ft

Serial #: 3310 Inside  
Press@RunDepth: 366.96 psig @ 4361.00 ft (KB) Capacity: 7000.00 psig  
Start Date: 2003.04.30 End Date: 2003.05.01 Last Calib.: 1899.12.30  
Start Time: 23:40:51 End Time: 11:07:21 Time On Btm: 2003.05.01 @ 02:42:36  
Time Off Btm: 2003.05.01 @ 08:15:21

TEST COMMENT: IF:Strong blow .BOB in 16 mins.  
IS:No blow .  
FF:Strong blow .BOB in 28 mins.  
FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2280.38	106.88	Initial Hydro-static
1	24.87	106.92	Open To Flow (1)
61	190.14	120.68	Shut-in(1)
120	1607.29	120.85	End Shut-in(1)
121	194.68	120.90	Open To Flow (2)
210	366.96	123.73	Shut-in(2)
332	1620.10	121.94	End Shut-in(2)
333	2196.07	122.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
610.00	gcw 2%g 98%w	8.01
90.00	w cmw os 25%w 75%m	1.26

Gas Rates

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

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**TRILOBITE TESTING, INC.**

**DRILL STEM TEST**

Corsair Energy, L.C.

Jellison "A" #1-5

914 E. Douglas  
Wichita, Ks. 67202

5-33S-19W

Job Ticket: 17851

DST#: 3

ATTN: Tim Hellman

Test Start: 2003.05.02 @ 06:31:51

**GENERAL INFORMATION:**

Formation: **Altamont**  
Deviated: **No Whipstock** ft (KB)  
Time Tool Opened: **09:40:36**  
Time Test Ended: **18:02:51**

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**AUG 11 2003**

Test Type: **Conventional Bottom Hole**  
Tester: **Darren L. Amerine**  
Unit No: **19**

Interval: **4860.00 ft (KB) To 4900.00 ft (KB) (TVD)**  
Total Depth: **4900.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

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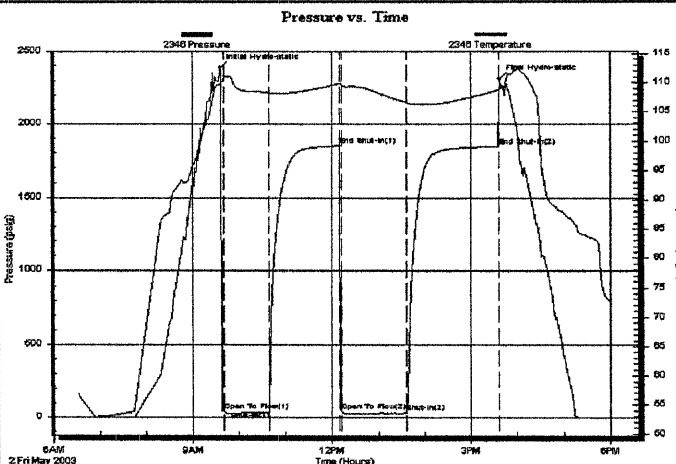
Reference Elevations: **1899.00 ft (KB)**  
**1888.00 ft (CF)**  
KB to GR/CF: **11.00 ft**

**Serial #: 2346**

Press@RunDepth: **35.67 psig @** ft (KB)  
Start Date: **2003.05.02** End Date: **2003.05.02**  
Start Time: **06:31:51** End Time: **18:02:51**

Capacity: **7000.00 psig**  
Last Calib.: **1899.12.30**  
Time On Btrr: **2003.05.02 @ 09:35:51**  
Time Off Btrr: **2003.05.02 @ 15:37:36**

TEST COMMENT: IF: Strong blow b.o.b in 20 sec. GTS in 7 mins. gauge gas.  
IS: Bled down for 20 mins. no blow back.  
FF: Strong blow b.o.b in 15 sec. gauge gas.  
FS: Bled down for 10 mins. no blow back.



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2384.80	109.83	Initial Hydro-static
5	40.43	110.98	Open To Flow (1)
63	38.77	108.27	Shut-in (1)
154	1849.03	109.87	End Shut-in (1)
156	44.32	109.63	Open To Flow (2)
241	35.67	106.60	Shut-in (2)
361	1845.83	108.72	End Shut-in (2)
362	2309.16	108.92	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
0.00	Gas in pipe 4780'	0.00
65.00	VSOCGM 8% gas Trace of oil 90% mud	0.36

**Gas Rates**

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	5.00	71.07
Last Gas Rate	0.38	7.00	78.39
Max. Gas Rate	0.38	10.50	91.22

**RECEIVED**  
KANSAS CORPORATION COMMISSION

**AUG 12 2003**

CONSERVATION DIVISION  
WICHITA, KS



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Corsair Energy, L.C.

Jellison "A" #1-5

914 E. Douglas  
Wichita, Ks. 67202

5-33S-19W

Job Ticket: 17852

DST#: 4

ATTN: Tim Hellman

Test Start: 2003.05.03 @ 03:52:56

**GENERAL INFORMATION:**

Formation: Pawnee  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 07:14:09  
Time Test Ended: 15:24:09

**KCC**  
**AUG 11 2003**  
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Test Type: Conventional Bottom Hole  
Tester: Darren L. Amerine  
Unit No: 19

Interval: 4928.00 ft (KB) To 4956.00 ft (KB) (TVD)  
Total Depth: 4956.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair

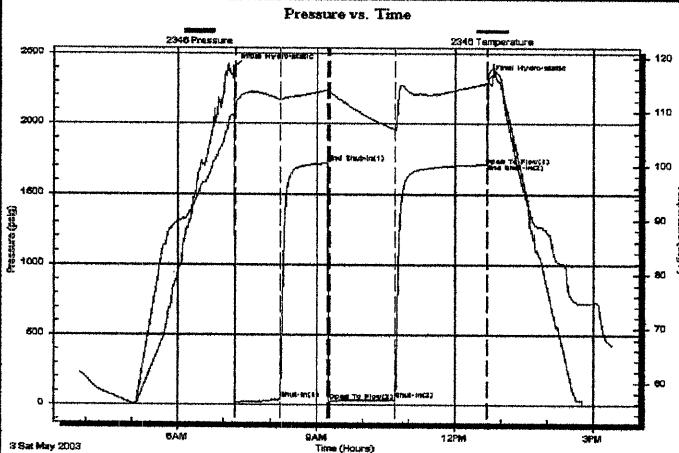
Reference Elevations: 1899.00 ft (KB)  
1888.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 2346**

Press@RunDepth: 37.83 psig @ ft (KB)  
Start Date: 2003.05.03 End Date: 2003.05.03  
Start Time: 03:52:56 End Time: 15:24:09

Capacity: 7000.00 psig  
Last Calib.: 2003.05.03  
Time On Btm: 2003.05.03 @ 07:12:24  
Time Off Btm: 2003.05.03 @ 12:43:39

**TEST COMMENT:** IF: Fair blow b.o.b 80 sec. GTS in 30 mins.  
IS: Bled down n 15 mins. no blow  
FF: Strong blow b.o.b in 10 sec. gauge gas.  
FS: Bled down n for 30 mins. no blow back.



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2400.18	109.30	Initial Hydro-static
2	16.78	110.28	Open To Flow (1)
61	38.63	112.24	Shut-In (1)
122	1716.83	114.04	End Shut-In (1)
124	24.45	113.69	Open To Flow (2)
210	37.83	106.73	Shut-In (2)
330	1711.29	115.26	End Shut-In (2)
332	2319.93	116.85	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
0.00	Gas in pipe 4860'	0.00
75.00	SGCM 8% gas 92% mud	0.50

**Gas Rates**

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	6.00	32.36
Last Gas Rate	0.38	10.00	89.38
Max. Gas Rate	0.25	15.00	46.64





**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Corsair Energy, L.C.

Jellison "A" #1-5

914 E. Douglas  
Wichita, Ks. 67202

5-33S-19W

Job Ticket: 17853

DST#: 5

ATTN: Tim Hellman

Test Start: 2003.05.04 @ 08:43:52

**GENERAL INFORMATION:**

Formation: Miss.  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 12:06:37  
Time Test Ended: 20:14:37

**KCC**  
**AUG 11 2003**  
**CONFIDENTIAL**

Test Type: Conventional Bottom Hole  
Tester: Darren L. Amerine  
Unit No: 19

Interval: 5060.00 ft (KB) To 5170.00 ft (KB) (TVD)  
Total Depth: 5170.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair

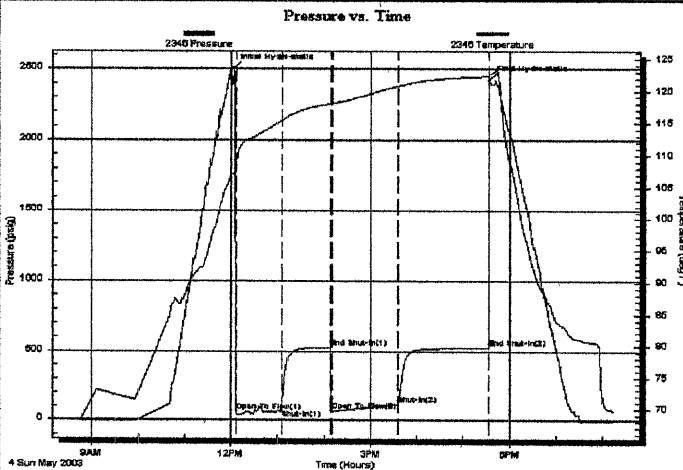
Reference Elevations: 1899.00 ft (KB)  
1888.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 2346**

Press@RunDepth: 114.17 psig @ ft (KB)  
Start Date: 2003.05.04 End Date: 2003.05.04  
Start Time: 08:43:52 End Time: 20:14:37

Capacity: 7000.00 psig  
Last Calib.: 2003.05.04  
Time On Btm: 2003.05.04 @ 12:03:37  
Time Off Btm: 2003.05.04 @ 17:34:22

**TEST COMMENT:** IF: Strong blow b.o.b in 30 sec. GTS in 20 mins. Gauge gas.  
IS: Bled down n for 5 mins. no blow back.  
FF: Strong blow b.o.b in 10 sec. gauge gas.  
FS: Bled down n for 7 mins. no blow back.



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2503.18	107.24	Initial Hydro-static
3	61.02	107.45	Open To Flow (1)
62	68.69	115.46	Shut-in(1)
125	526.98	118.10	End Shut-in(1)
127	68.03	118.21	Open To Flow (2)
212	114.17	120.81	Shut-in(2)
330	525.28	122.35	End Shut-in(2)
331	2422.33	122.59	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
0.00	Gas in pipe 4822	0.00
240.00	W&GCM 20% gas 50% mud 30% w ater	2.82

**Gas Rates**

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

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**TRIOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Corsair Energy, L.C.

Jellison "A" #1-5

914 E. Douglas  
Wichita, Ks. 67202

5-33S-19W

Job Ticket: 17854

DST#: 6

ATTN: Tim Hellman

Test Start: 2003.05.07 @ 04:21:52

**GENERAL INFORMATION:**

Formation: Viola  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 08:08:22  
Time Test Ended: 16:35:22

**KCC**

**AUG 11 2003**

Test Type: Conventional Bottom Hole  
Tester: Darren L. Amerine  
Unit No: 19

Interval: 5813.00 ft (KB) To 5848.00 ft (KB) (TVD)  
Total Depth: 5848.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair

**CONFIDENTIAL**

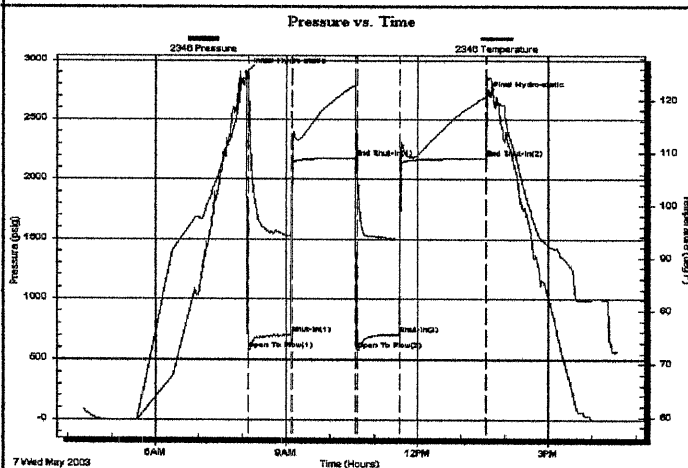
Reference Elevations: 1899.00 ft (KB)  
1888.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 2346**

Press@RunDepth: 708.86 psig @ ft (KB)  
Start Date: 2003.05.07 End Date: 2003.05.07  
Start Time: 04:21:52 End Time: 16:35:22

Capacity: 7000.00 psig  
Last Callb.: 1899.12.30  
Time On Btrr: 2003.05.07 @ 08:05:22  
Time Off Btrr: 2003.05.07 @ 13:35:52

**TEST COMMENT:** IF: Strong blow b.o.b in 15 sec. GTS in 90 sec. gauge gas.  
IS: Bled down n for 35 mins. no blow back.  
FF: Strong blow b.o.b in 10 sec. gauge gas.  
FS: Bled down n for 90 mins. slight surface blow back.



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2897.44	124.42	Initial Hydro-static
3	579.11	122.88	Open To Flow (1)
63	705.60	94.30	Shut-in (1)
150	2177.94	122.96	End Shut-in (1)
152	579.77	105.98	Open To Flow (2)
210	708.86	93.58	Shut-in (2)
329	2176.01	120.72	End Shut-in (2)
331	2701.71	124.60	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
0.00	Gas in pipe 5648'	0.00
100.00	O&GCM 18%oil 10%gas 72%mud	0.85
60.00	Free oil	0.84

**Gas Rates**

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	95.00	3145.12
Last Gas Rate	1.00	122.00	3921.34
Max. Gas Rate	1.00	130.00	4151.33

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KANSAS CORPORATION COMMISSION

**AUG 12 2003**

CONSERVATION DIVISION  
WICHITA, KS