



KANSAS CORPORATION COMMISSION 1082461  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 3581  
Name: Red Oak Energy, Inc.  
Address 1: 7701 E KELLOGG DR STE 710  
Address 2: PO BOX 783140  
City: WICHITA State: KS Zip: 67207 + 1738  
Contact Person: Sean Deenihan  
Phone: (316) 652-7373  
CONTRACTOR: License # 34233  
Name: Maverick Drilling LLC  
Wellsite Geologist: Sean Deenihan  
Purchaser: Plains Marketing

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>03/13/2012</u>	<u>03/19/2012</u>	<u>04/10/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-179-21294-00-00

Spot Description: \_\_\_\_\_

S2 NE SE NW Sec. 11 Twp. 10 S. R. 26  East  West  
1875 Feet from  North /  South Line of Section  
2310 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Sheridan

Lease Name: Bittel Well #: 1-11

Field Name: \_\_\_\_\_

Producing Formation: Lansing

Elevation: Ground: 2603 Kelly Bushing: 2611

Total Depth: 4150 Plug Back Total Depth: 4125

Amount of Surface Pipe Set and Cemented at: 252 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 2252 Feet

If Alternate II completion, cement circulated from: 2252

feet depth to: 0 w/ 325 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 18000 ppm Fluid volume: 200 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

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

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: Deanna Garritor Date: 11/05/2012



1082461

Operator Name: Red Oak Energy, Inc. Lease Name: Bittel Well #: 1-11  
 Sec. 11 Twp. 10 S. R. 26  East  West County: Sheridan

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  CND DIL MIC	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table 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>Anhy</td> <td>2240</td> <td>+371</td> </tr> <tr> <td>Heeb</td> <td>3834</td> <td>-1223</td> </tr> <tr> <td>Lans</td> <td>3870</td> <td>-1259</td> </tr> <tr> <td>Stark</td> <td>4062</td> <td>-1441</td> </tr> <tr> <td>BKC</td> <td>4105</td> <td>-1494</td> </tr> </tbody> </table>	Name	Top	Datum	Anhy	2240	+371	Heeb	3834	-1223	Lans	3870	-1259	Stark	4062	-1441	BKC	4105	-1494
Name	Top	Datum																	
Anhy	2240	+371																	
Heeb	3834	-1223																	
Lans	3870	-1259																	
Stark	4062	-1441																	
BKC	4105	-1494																	

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
Surf	12.25	8.625	23	252	common	160	3/2
Production	7.875	5.5	15.5	4125	EA2	170	

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	Perf	Shot	4052-4056
4	Perf	Shot	4010-4016

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>4112</u>	Packer At:	Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
----------------	--------------------	---------------------	------------	--

Date of First, Resumed Production, SWD or ENHR. <u>05/05/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____				
Estimated Production Per 24 Hours	Oil Bbls. <u>47</u>	Gas Mcf	Water Bbls. <u>27</u>	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-1B.)</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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4052-4056</u> <u>4010-1016</u>
---	---	--



CHARGE TO: **RED OAK ENERGY**  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

TICKET  
 No 21326


PAGE 1 OF 2

1. SERVICE LOCATIONS <b>HAYS</b>	WELL/PROJECT NO. <b>1-11</b>	LEASE <b>BITTEL</b>	COUNTY/PARISH <b>SHERIDAN</b>	STATE <b>KS</b>	CITY	DATE <b>03-20-12</b>	OWNER
2. <b>NESS</b>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <b>MAURICH DRUG 108</b>	SHIPPED VIA <b>CT</b>	DELIVERED TO <b>W. ST. AVE</b>	ORDER NO.	
3.	WELL TYPE <b>OIL</b>	WELL CATEGORY <b>DEVELOP</b>	JOB PURPOSE <b>LONGSTRING</b>	WELL PERMIT NO. <b>15-179-21294</b>	WELL LOCATION <b>S11710R26</b>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE #112	70		M		6.00	420	00
578		1			PUMP SERVICE	1		EA		1500.00	1500	00
221		1			LIQUID WCL	2		GAZ		25.00	50	00
281		1			MUD FLUSH	500		GAZ		1.25	625	00
290		1			STAIR	2		GAZ		35.00	70	00
402		1			CENTRALIZER	8		EA	5 1/2 IN	70.00	560	00
403		1			BASKET	2		EA		250.00	500	00
404		1			PORT COLLAR	1		EA		2400.00	2400	00
406		1			LATCH DOWN PLUG & BATTEN	1		EA		250.00	250	00
407		1			INSERT FLOAT SHADE	1		EA		350.00	350	00
411		1			RECIPRO SCATCHER	25		EA		45.00	1125	00

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X:   
 DATE SIGNED: **03-20-12** TIME SIGNED: **0230**  A.M.  P.M.

REMIT PAYMENT TO:  
  
**SWIFT SERVICES, INC.**  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	P61	7850	00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL		
WE UNDERSTOOD AND MET YOUR NEEDS?				P62	5952	85
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				sub		
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				70%	13,802	85
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		Sheridan TAX 6.3%	885	20
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	14,685	05

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.  
 SWIFT OPERATOR: **DAVE ASH** APPROVAL: \_\_\_\_\_

Thank You!



PO Box 466  
 Ness City, KS 67560  
 Off: 785-798-2300

**TICKET CONTINUATION**

TICKET No. 21326

CUSTOMER RED OAK ENERGY WELL 1-11, BITTEL DATE 03-20-12 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WEIGHT				TOTAL	
		QUANTITY	UNIT	PRICE			UNIT	PRICE	PRICE			
325		2				STO EA-2	215	SX			13.50	2902.50
276		2				FLOCELE	50	LB			2.00	100.00
283		2				SALT	1100	LB			.20	220.00
284		2				CAL-SEAL	10	SX			35.00	350.00
292		2				HALAD-322	150	LB			7.75	1162.50
581		2				SERVICE CHG CMT	215	SX			2.00	430.00
583		2				DRAYAGE	787.85	Tm			1.00	787.85
						SERVICE CHARGE					CUBIC FEET	
						TOTAL WEIGHT	LOADED MILES		TON MILES			

CONTINUATION PAGE 5952.25



# ALLIED CEMENTING CO., LLC. 035252

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

SERVICE POINT:  
Oakley

DATE <u>3-12-12</u>	SEC <u>11</u>	TWP <u>10s</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION	JOB START <u>3-13-12</u>	JOB FINISH
LEASE <u>BITTEL</u>	WELL # <u>1-11</u>	LOCATION <u>Quarter 3 E 9 N</u>	COUNTY <u>Sheldahl</u>	STATE <u>KS</u>			
OLD OR (NEW) (Circle one)	LOCATION <u>1W 1N 1/2 E Sinto</u>						

CONTRACTOR Maverick  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/2 TD 2.53'  
 CASING SIZE 8 1/2 DEPTH 2.53'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 15'  
 PERFS.  
 DISPLACEMENT 15 BBL

OWNER  
 CEMENT  
 AMOUNT ORDERED 160 SKS COM  
3000 2 1/2 gals  
 COMMON 160 SKS @ 16.25 2600.00  
 POZMIX @  
 GEL 3 SKS @ 21.25 63.75  
 CHLORIDE 2 SKS @ 58.10 116.20  
 ASC @  
 @  
 @  
 @  
 @  
 @

EQUIPMENT  
 PUMP TRUCK CEMENTER Andrew  
 # 429-281 HELPER Jerry  
 BULK TRUCK  
 # 347 DRIVER Brandon  
 BULK TRUCK  
 # DRIVER

HANDLING: 160 SKS @ 2.25 358.125  
 MILEAGE 118 5/8 mile 892.72  
 TOTAL 4285.52

REMARKS:

Cement did circulate  
Thank you  
 CHARGE TO: Red oak  
 STREET  
 CITY STATE ZIP

SERVICE

DEPTH OF JOB 253'  
 PUMP TRUCK CHARGE 1125.00  
 EXTRA FOOTAGE @  
 MILEAGE 48 miles @ 7.00 336.00  
 MANIFOLD head @ 200.00  
Light vehicle @ 4.00 192.00  
 @  
 TOTAL 1853.00

PLUG & FLOAT EQUIPMENT

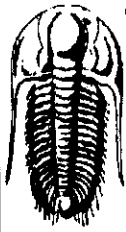
@  
 @  
 @  
 @  
 @  
 TOTAL

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  
 DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME Jeremy Suckey

SIGNATURE [Signature]



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Red Oak Energy Inc.  
7701 E Kellogg Dr. STE 710  
PO Box 783140  
Wichita, KS 67207  
ATTN: Sean Deenihan

**11/10s/26w Sheridan KS**

**Bittel #1-11**

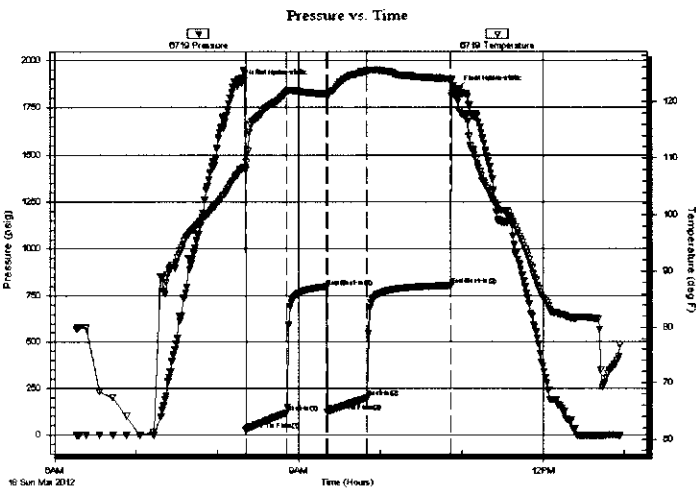
Job Ticket: 45652      **DST#: 3**  
Test Start: 2012.03.18 @ 06:16:05

### GENERAL INFORMATION:

Formation: **LKC "E - G"**  
Deviated: No Whipstock:      ft (KB)  
Time Tool Opened: 08:21:00  
Time Test Ended: 12:56:59  
Test Type: Conventional Bottom Hole (Reset)  
Tester: James Winder  
Unit No: 57  
Interval: **3939.00 ft (KB) To 3978.00 ft (KB) (TVD)**  
Total Depth: 3978.00 ft (KB) (TVD)  
Reference Elevations: 2611.00 ft (KB)  
2603.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
KB to GR/CF: 8.00 ft

**Serial #: 6719      Inside**  
Press@RunDepth: 196.42 psig @ 3940.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.03.18      End Date: 2012.03.18      Last Calib.: 2012.03.18  
Start Time: 06:16:05      End Time: 12:56:59      Time On Btm: 2012.03.18 @ 08:18:00  
Time Off Btm: 2012.03.18 @ 10:56:29

**TEST COMMENT:** 30 - IF: Blow built to BOB (11") in 13 1/4 min.  
30 - IS: Bled off, Blow back built to 1/8"  
30 - FF: Blow built to BOB in 18 min.  
60 - FS: Bled off, Blow back built to 1/8"



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1877.59	108.08	Initial Hydro-static
3	24.78	108.07	Open To Flow (1)
33	117.63	121.66	Shut-In(1)
63	797.47	121.30	End Shut-In(1)
63	123.03	121.09	Open To Flow (2)
93	196.42	125.30	Shut-In(2)
154	803.98	123.98	End Shut-In(2)
159	1845.67	120.71	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
30.00	WCM w/oil spots 63% <sub>m</sub> , 36% <sub>w</sub> , 1% <sub>o</sub>	0.15
155.00	MCW w/oil spots 91% <sub>w</sub> , 8% <sub>m</sub> , 1% <sub>o</sub>	2.17
124.00	MW w/oil spots 56% <sub>w</sub> , 43% <sub>m</sub> , 1% <sub>o</sub>	1.74
62.00	SOC/WM 56% <sub>m</sub> , 41% <sub>w</sub> , 3% <sub>o</sub>	0.87
30.00	CO 98% <sub>o</sub> , 1% <sub>g</sub> , 1% <sub>m</sub>	0.42
0.00	GIP = 40'	0.00

\* Recovery from multiple tests

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Red Oak Energy Inc.  
7701 E Kellogg Dr. STE 710  
PO Box 783140  
Wichita, KS 67207  
ATTN: Sean Deenihan

**11/10s/26w Sheridan KS**  
**Bittel #1-11**  
Job Ticket: 45652      **DST#: 3**  
Test Start: 2012.03.18 @ 06:16:05

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36.2 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 75000 ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.94 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1700.00 ppm		
Filter Cake: 2.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	WCM w /oil spots 63% <i>m</i> , 36% <i>w</i> , 1% <i>o</i>	0.148
155.00	MCW w /oil spots 91% <i>w</i> , 8% <i>m</i> , 1% <i>o</i>	2.174
124.00	MW w /oil spots 56% <i>w</i> , 43% <i>m</i> , 1% <i>o</i>	1.739
62.00	SOC/WM 56% <i>m</i> , 41% <i>w</i> , 3% <i>o</i>	0.870
30.00	CO 98% <i>o</i> , 1% <i>g</i> , 1% <i>m</i>	0.421
0.00	GIP = 40'	0.000

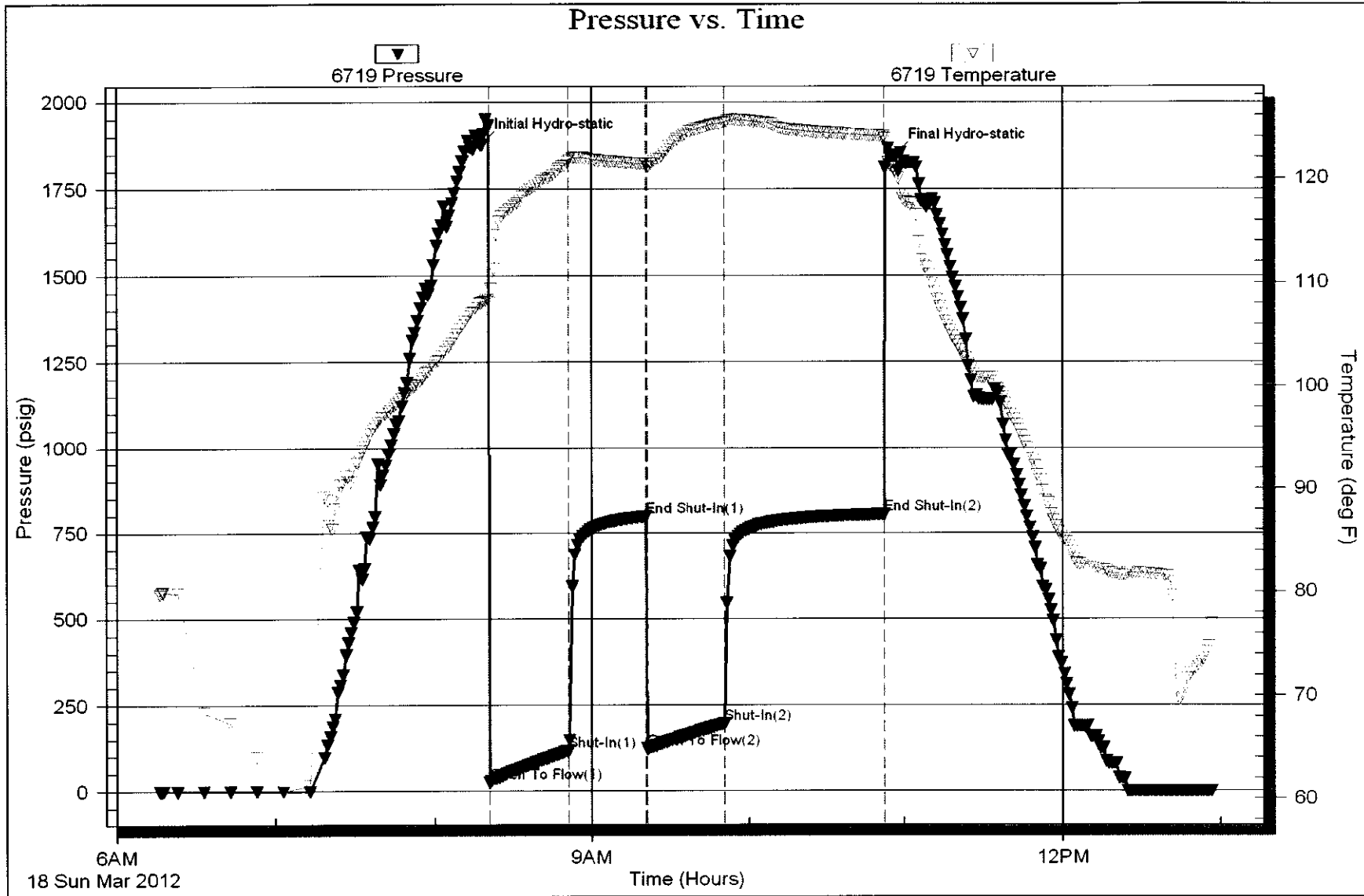
Total Length: 401.00 ft      Total Volume: 5.352 bbl

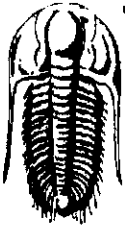
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: Gravity - 38 api @ 78 deg F Corrected = 36.2 api  
RW = .097 ohms @ 76.8 deg F Chlorides = 75,000 ppm







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Red Oak Energy Inc.  
7701 E Kellogg Dr. STE 710  
PO Box 783140  
Wichita, KS 67207  
ATTN: Sean Deenihan

**11/10s/26w Sheridan KS**

**Bittel #1-11**

Job Ticket: 45653

**DST#: 4**

Test Start: 2012.03.19 @ 00:04:00

## GENERAL INFORMATION:

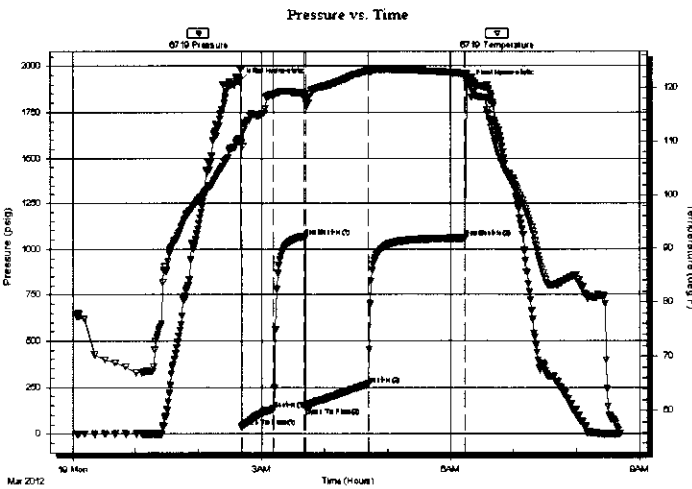
Formation: **LKC "H - J"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 02:41:30  
 Time Test Ended: 08:42:00  
 Interval: **3993.00 ft (KB) To 4064.00 ft (KB) (TVD)**  
 Total Depth: **4064.00 ft (KB) (TVD)**  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: James Winder  
 Unit No: 57  
 Reference Elevations: 2611.00 ft (KB)  
 2603.00 ft (CF)  
 KB to GR/CF: 8.00 ft

## Serial #: 6719

Inside

Press@RunDepth: 265.49 psig @ 3994.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.03.19 End Date: 2012.03.19 Last Calib.: 2012.03.19  
 Start Time: 00:04:05 End Time: 08:42:00 Time On Btm: 2012.03.19 @ 02:39:00  
 Time Off Btm: 2012.03.19 @ 06:18:30

**TEST COMMENT:** 30 - IF: Blow built to BOB (11") in 5 1/2 min.  
 30 - IS: Bled off, Blow back built to 5"  
 60 - FF: Blow built to BOB in 6 1/4 min.  
 90 - FSI: Bled off, Blow back built to BOB in 13 min.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1913.83	110.46	Initial Hydro-static
3	35.53	109.79	Open To Flow (1)
32	130.94	118.67	Shut-In(1)
62	1067.36	118.95	End Shut-In(1)
63	140.56	117.90	Open To Flow (2)
123	265.49	123.06	Shut-In(2)
216	1058.78	122.64	End Shut-In(2)
220	1902.52	120.45	Final Hydro-static

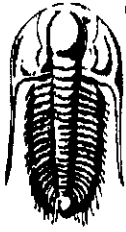
## Recovery

Length (ft)	Description	Volume (bbl)
185.00	GWOCM 51% m, 29% g, 12% o, 8% w	2.14
125.00	GMO 48% g, 27% o, 25% m	1.61
340.00	CGO 67% o, 33% g	4.38
0.00	GIP = 1275'	0.00

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Red Oak Energy Inc.  
7701 E Kellogg Dr. STE 710  
PO Box 783140  
Wichita, KS 67207  
ATTN: Sean Deenihan

**11/10s/26w Sheridan KS**  
**Bittel #1-11**  
Job Ticket: 45653      **DST#: 4**  
Test Start: 2012.03.19 @ 00:04:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	37.8 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: 2.00 inches			

## Recovery Information

Recovery Table

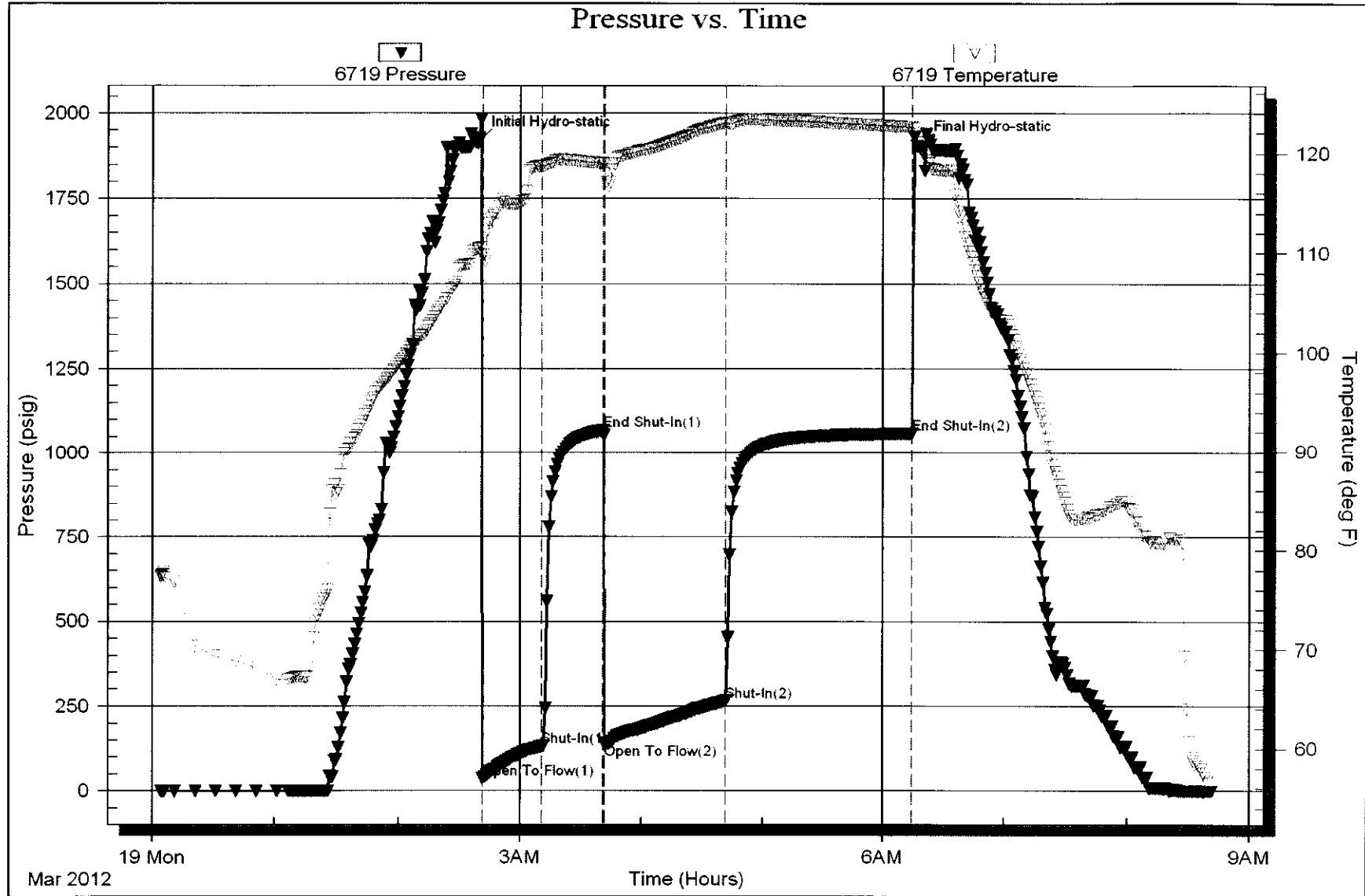
Length ft	Description	Volume bbl
185.00	GWOCM 51%m, 29%g, 12%o, 8%w	2.143
125.00	GMO 48%g, 27%o, 25%m	1.609
340.00	CGO 67%o, 33%g	4.376
0.00	GIP = 1275'	0.000

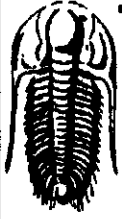
Total Length: 650.00 ft      Total Volume: 8.128 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: Gravity = 37.2 api @ 54 deg F  
Corrected Gravity = 37.8 api





**TRILOBITE TESTING, INC**

## DRILL STEM TEST REPORT

Red Oak Energy Inc.  
 7701 E Kellogg Dr. STE 710  
 PO Box 783140  
 Wichita, KS 67207  
 ATTN: Sean Deenihan

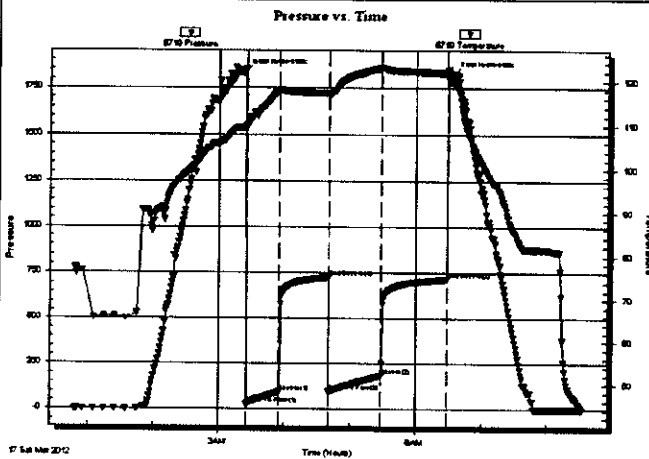
**11-10s-26w Sheridan KS**  
**Bittel #1-11**  
 Job Ticket: 042999      DST#: 1  
 Test Start: 2012.03.17 @ 00:48:00

### GENERAL INFORMATION:

Formation: **Toronto - LKC "A"**  
 Deviated: **No** Whipstock:                      ft (KB)  
 Time Tool Opened: 03:25:30  
 Time Test Ended: 08:32:30  
 Interval: **3840.00 ft (KB) To 3886.00 ft (KB) (TVD)**  
 Total Depth: **3886.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole (Initial)**  
 Tester: **James Winder**  
 Unit No: **57**  
 Reference Elevations: **2611.00 ft (KB)**  
    **2603.00 ft (CF)**  
    KB to GR/CF: **8.00 ft**

**Serial #: 6719**      **Inside**  
 Press@RunDepth: **185.12 psig @ 3841.00 ft (KB)**  
 Start Date: **2012.03.17**      End Date: **2012.03.17**  
 Start Time: **00:48:05**      End Time: **08:32:29**  
 Capacity: **8000.00 psig**  
 Last Calib.: **2012.03.17**  
 Time On Btm: **2012.03.17 @ 03:23:30**  
 Time Off Btm: **2012.03.17 @ 06:34:00**

**TEST COMMENT:** 30 - IF: Blow built to BOB (11") in 22 min.  
 45 - IS: Bled off, No blow back  
 45 - FF: Blow built to BOB in 29 3/4 min.  
 60 - FS: Bled off, No blow back



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1829.69	109.57	Initial Hydro-static
2	23.28	110.07	Open To Flow (1)
32	93.72	117.82	Shut-In(1)
77	728.10	117.30	End Shut-In(1)
77	97.07	117.05	Open To Flow (2)
125	185.12	123.03	Shut-In(2)
185	718.30	121.87	End Shut-In(2)
191	1822.82	119.80	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
62.00	MCW 72%w , 28% Trace of oil	0.56
185.00	MCW 91%w , 9% Trace of oil	2.38
125.00	M/V 57%w , 43% Trace of oil	1.61

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Red Oak Energy Inc.

11-10s-26w Sheridan KS

7701 E Kellogg Dr. STE 710  
PO Box 783140  
Wichita, KS 67207  
ATTN: Sean Deenihan

**Bittel #1-11**  
Job Ticket: 042999      DST#: 1  
Test Start: 2012.03.17 @ 00:48:00

**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: 92000 ppm	
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.93 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1700.00 ppm			
Filter Cake: 2.00 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
62.00	MCW 72%w , 28%m Trace of oil	0.559
185.00	MCW 91%w , 9%m, Trace of oil	2.381
125.00	MW 57%w , 43%m Trace of oil	1.609

Total Length: 372.00 ft      Total Volume: 4.549 bbl

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

Laboratory Name:      Laboratory Location:

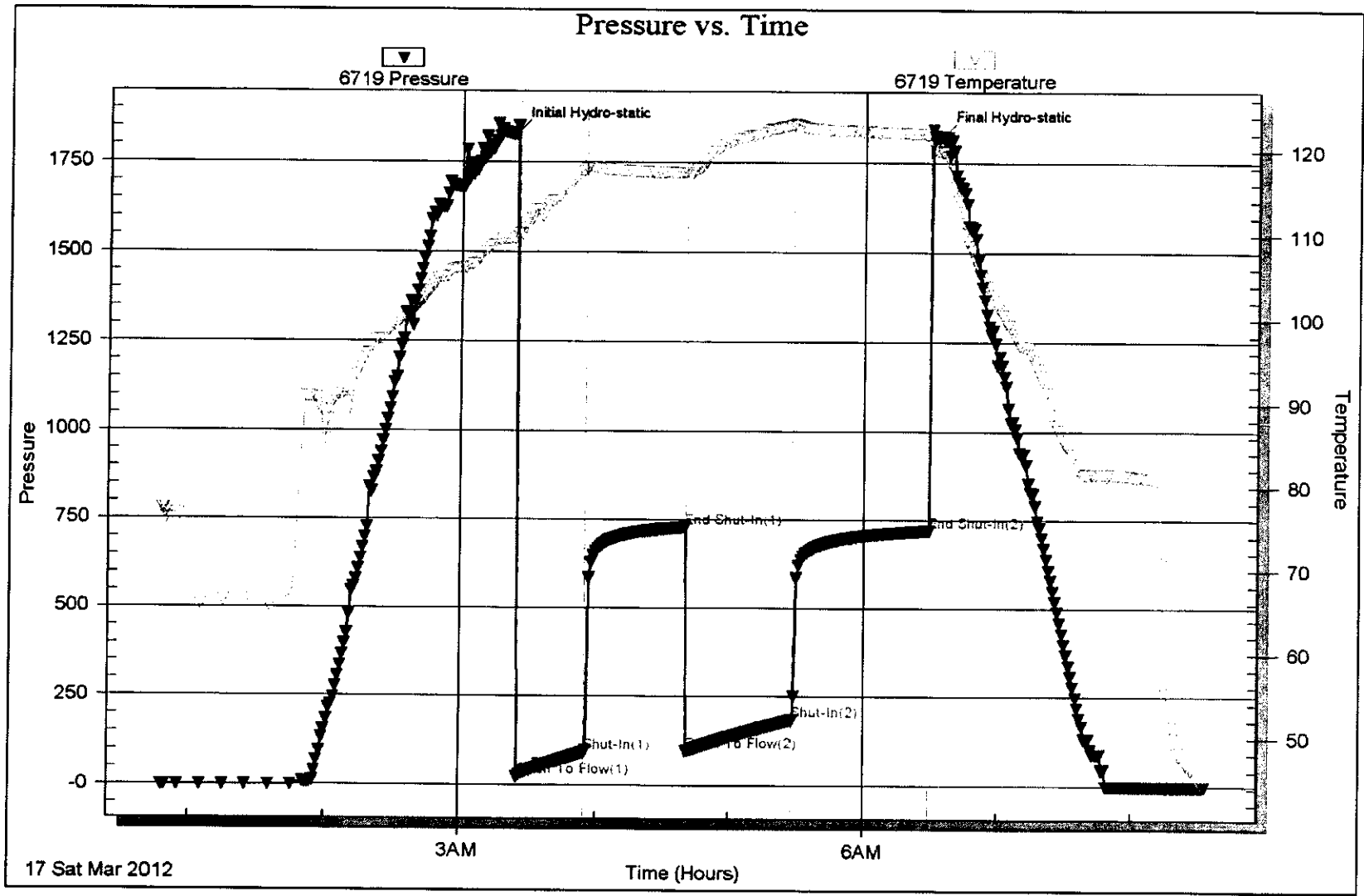
Recovery Comments: RW = .118 ohms @ 50.3 deg F

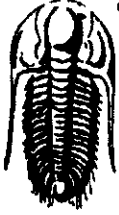
Serial #: 6719

Inside Red Oak Energy Inc.

Bitel #1-11

DST Test Number: 1





# TRILOBITE TESTING, INC

## DRILL STEM TEST REPORT

Red Oak Energy Inc.  
 7701 E Kellogg Dr. STE 710  
 PO Box 783140  
 Wichita, KS 67207  
 ATTN: Sean Deenihan

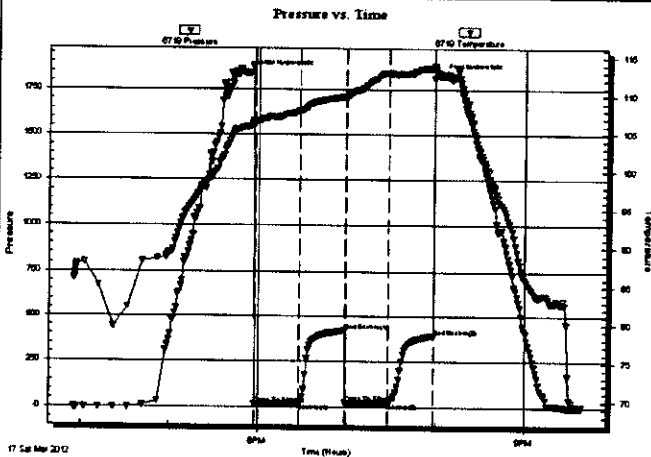
**11-10s-26w Sheridan KS**  
**Bittel #1-11**  
 Job Ticket: 45651 DST#: 2  
 Test Start: 2012.03.17 @ 15:55:00

### GENERAL INFORMATION:

Formation: LKC "B - D"  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 17:57:30  
 Time Test Ended: 21:38:30  
 Interval: 3890.00 ft (KB) To 3929.00 ft (KB) (TVD)  
 Total Depth: 3929.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: James Winder  
 Unit No: 57  
 Reference Elevations: 2611.00 ft (KB)  
 2603.00 ft (CF)  
 KB to GR/CF: 8.00 ft

Serial #: 6719 Inside  
 Press@RunDepth: 27.92 psig @ 3891.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.03.17 End Date: 2012.03.17 Last Calib: 2012.03.17  
 Start Time: 15:55:05 End Time: 21:38:29 Time On Btm: 2012.03.17 @ 17:54:30  
 Time Off Btm: 2012.03.17 @ 20:03:00

TEST COMMENT: 30 - IF: Blow built to 1 1/4"  
 30 - ISI: Bled off, No blow back  
 30 - FF: Blow started at 14 min., built to 1/4"  
 30 - FSI: Bled off, No blow back



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1839.41	105.92	Initial Hydro-static
3	15.99	106.58	Open To Flow (1)
33	23.13	108.03	Shut-In(1)
64	419.54	109.89	End Shut-In(1)
64	23.64	109.75	Open To Flow (2)
93	27.92	112.88	Shut-In(2)
124	390.25	113.57	End Shut-In(2)
129	1823.18	112.76	Final Hydro-static

### Recovery

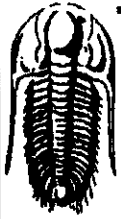
Length (ft)	Description	Volume (bbl)
30.00	Mud w/Oil spots 97% <sub>m</sub> , 3% <sub>o</sub>	0.39

\* Recovery from multiple tests

### Gas Rates

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





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Red Oak Energy Inc.

**11-10s-26w Sheridan KS**

7701 E Kellogg Dr. STE 710  
PO Box 783140  
Wichita, KS 67207  
ATTN: Sean Deenihan

**Bittel #1-11**  
Job Ticket: 45651      **DST#: 2**  
Test Start: 2012.03.17 @ 15:55:00

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.35 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 2.00 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud w /Oil spots 97% <sub>m</sub> , 3% <sub>o</sub>	0.386

Total Length: 30.00 ft      Total Volume: 0.421 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

