

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

**ORIGINAL**

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

OPERATOR: License # 9310  
Name: Bentley Oil & Gas Company  
Address 1: PO Box 5012  
Address 2: \_\_\_\_\_  
City: Wichita Falls State: TX Zip: 76307 + \_\_\_\_\_  
Contact Person: Charles Bentley  
Phone: ( 940 ) 723-0897  
CONTRACTOR: License # 30606  
Name: Murfin Drilling Co., Inc.  
Wellsite Geologist: Kent Crisley  
Purchaser: NCR

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 #: \_\_\_\_\_  

<u>10/21/2011</u>	<u>10/29/2011</u>	<u>1/2/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 101-22317-00-00  
Spot Description: \_\_\_\_\_  
W2 NE SW NW Sec. 22 Twp. 18 S. R. 27  East  West  
1,650 Feet from  North /  South Line of Section  
785 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Lane  
Lease Name: MRLLC Well #: 1  
Field Name: Alamota  
Producing Formation: LKC  
Elevation: Ground: 2685' Kelly Bushing: 2690'  
Total Depth: 4685' Plug Back Total Depth: 4500'  
Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 2058 Feet  
If Alternate II completion, cement circulated from: 2058  
feet depth to: surface w/ 475 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 2600 ppm Fluid volume: 200 bbls  
Dewatering method used: \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**RECEIVED**  
**FEB 27 2012**  
**KCC WICHITA**

**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: Charles H Bentley  
Title: President Date: 2/20/2012

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
Date: 2/27/12 - 2/27/12  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: DJG Date: 3/6/12  
*Denied*

Operator Name: Bentley Oil & Gas Company Lease Name: MRLLC Well #: 1  
 Sec. 22 Twp. 18 S. R. 27  East  West County: Lane

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

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>CNL/ CDL, MEL, BHCS, DIL</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum  <p style="text-align: center; font-weight: bold;">SEE ATTACHED</p>
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CASING RECORD <input 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	206'	Class A	150	3% CC, 2% gel
Production	7 7/8"	4 1/2"	10.5	4685'	OWC	200	5# Kol Seal
Prod. DV Tool	7 7/8"	4 1/2"	10.5	2058'	Lite	475	1/4# Flo Seal

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	4561-68'	2000 gls 10% MCA w/ FE	4568'
2	4288-96'	4000 gls 15% FE NER	4296'

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KCC WICHITA

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>4369'</u> Packer At: <u>N/A</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>1/2/2012</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>22</u>	Gas Mcf <u>0</u> Water Bbls. <u>28</u> Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4288-96</u>
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**CONSOLIDATED**  
Oil Well Services, LLC



TICKET NUMBER 33673  
LOCATION Q+12+4  
FOREMAN Fuzzy

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-29-11	1488	MR LLC #1	22	185	27w	Lawe
CUSTOMER Bentley Oil & Gas			Alameda Exit 112 E Si N			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			463	Josh G		
STATE			439	Wes Flynn		
ZIP CODE			528	Carl P		
				Derek G		

JOB TYPE 2-stage HOLE SIZE 7 7/8 HOLE DEPTH 4685' CASING SIZE & WEIGHT 4 1/2 10 1/2  
CASING DEPTH 4662' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER DU @ 2050'  
SLURRY WEIGHT 13.8-17.5 SLURRY VOL 1.41-1.89 WATER gal/sk 6.9-10.8 CEMENT LEFT in CASING 11'  
DISPLACEMENT 74.4 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on main #16. Flop equip. Cent  
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, #64, 91, 92, Baskets #8, 2, #92 DU Tool  
Tap of 64. Circulate. Pump SBH water, 500gal mud flush, SBH water  
Mix 200sts OWC 5\* Rolseal, wash pump lines. Drop plug and displace 41.8  
water, 32.4 mud 800\* hit, 1600\* land. Drop DU Bomb wait 10 min open  
Tool @ 1200\* circ 4 hrs. Pump SBH water mix 200sts mud, 300sts RH.  
Mix 475 sts Lite 1/4\* Closeal down 4 1/2 csg. Wash pump lines drop plug  
and displace 32 3/4 BSH hit press 700\* Cell to 250\* After 10 BSH cement  
circulated to pit final hit press 550\* hand close Tool @ 1700\* with  
no returns. Thanks Fuzzy & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401P	1	PUMP CHARGE	2850 <sup>00</sup>	2850 <sup>00</sup>
5406	20	MILEAGE	5 <sup>00</sup>	100 <sup>00</sup>
5407A	31.98 ton	Tow mileage Delivery	15 <sup>00</sup>	1016 <sup>60</sup>
1126	200 sts	OWC	21 <sup>48</sup>	4296 <sup>00</sup>
1131	525 sts	60/40 pos	14 <sup>33</sup>	7533 <sup>75</sup>
1118 B	3612 #	Bentowite	.24	866 <sup>88</sup>
1107	131 #	Celloclafe	2 <sup>66</sup>	348 <sup>46</sup>
1110 A	1000 #	Rol-seal	.53	530 <sup>00</sup>
1146G	500gal	mud flush	1 <sup>00</sup>	500 <sup>00</sup>
4156	1	4 1/2 - AFU Flop shoe	287 <sup>00</sup>	287 <sup>00</sup>
4283	1	4 1/2 - DU Tool w/ hatch down	3850 <sup>00</sup>	3850 <sup>00</sup>
4129	15	4 1/2 - Condu 12 x 15	46 <sup>00</sup>	690 <sup>00</sup>
4103	3	4 1/2 - Baskets	261 <sup>00</sup>	783 <sup>00</sup>
4315	20	5' sections rotating scintillator	90 <sup>00</sup>	1800 <sup>00</sup>
		subtotal		25445 <sup>60</sup>
		less 1092.52		2544 <sup>52</sup>
		subtotal		2290 <sup>12</sup>
		245 464		
		SALES TAX		1218.20
		ESTIMATED TOTAL		24119.32

Ravin 3737

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE 10/29/11

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 33666

LOCATION DAKOTA

FOREMAN Fuzzy

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

FIELD TICKET **INTERMEDIATE** TREATMENT REPORT



KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-20-11	1488	MRLLC #1	22	18S	27W	lane
CUSTOMER Bentley Oil & Gas Co.		Alamogordo Rd 1/2 E S-0				
MAILING ADDRESS						
CITY	STATE	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
			463	Jay G		
			439	Dorek G		
				Cory D		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 208' CASING SIZE & WEIGHT 8 3/8, 23 #  
 CASING DEPTH 206' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 15'  
 DISPLACEMENT 12.2 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on Murphy #16, Rig up and circulate.  
Mix 150 SKS Class 'A' 3% occ 2% ogel. Displace 12 BBL  
and shut in cement did circulate approx 15 BBLs dipit

Thanks Fuzzy  
2011

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE	1025 <sup>00</sup>	1025 <sup>00</sup>
5406	25 miles	MILEAGE	5 <sup>00</sup>	125 <sup>00</sup>
5407	7.05 tow	Tow mileage Delivery (min)	410 <sup>00</sup>	410 <sup>00</sup>
1104 S	150 SKS	Class 'A' cement	16 <sup>00</sup>	2520 <sup>00</sup>
1102	423 #	Calcium Chloride	.84	355 <sup>32</sup>
1118 B	282 #	Bentonite	.24	67 <sup>68</sup>
		sub total		4502 <sup>00</sup>
		less 10% disc		4052 <sup>00</sup>
		sub total		4052 <sup>00</sup>
		AS PER BID		
			RECEIVED	
			FEB 27, 2012	
			KOC WICHITA	
		245279		
			SALES TAX	166.87
			ESTIMATED TOTAL	4219.57

Ravin 3737

AUTHORIZATION MA Walker TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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# CONSOLIDATED

Oil Well Services



TICKET NUMBER 33681

LOCATION Oakley

FOREMAN Tuzzy

PO Box 884, Chanute, KS 66726  
620-431-9210 or 800-467-8676

## FIELD TICKET & TREATMENT REPORT

### CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
11-9-11	1488	MRLLC #1	22	185	27W	lane	
CUSTOMER <u>Bentley Oil + Gas</u>			Blamoya exit 112E S 10				
MAILING ADDRESS							
CITY		STATE	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
				463	Jack G		
				439	Corey D		

JOB TYPE B-side HOLE SIZE \_\_\_\_\_ HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT 4 1/2  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 12.5 SLURRY VOL 1.89 WATER gal/sk 10.8 CEMENT LEFT In CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on Cheyenne Workover. Rig up + mix 50 sks 60/40 89 gal 11u# slotted down B-side Press to 400# and shot in.

Thanks Tuzzy & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1025 <sup>00</sup>	1025 <sup>00</sup>
5406	20	MILEAGE	5 <sup>00</sup>	100 <sup>00</sup>
5407	2.2 Ton	Ton mileage Delivery (min)	410 <sup>00</sup>	410 <sup>00</sup>
1131	50 sks	60/40 pos	1432	717 <sup>50</sup>
1118B	344 #	Bandwidth	.24	82 <sup>56</sup>
1107	13 #	Cellulose	266	3458
		sub total		2369 <sup>56</sup>
		less 1090 disc		236 <sup>96</sup>
		sub total		2132 <sup>58</sup>
		RECEIVED		
		FEB 27 2012		
		KCC WICHITA		
		SALES TAX		47.32
		ESTIMATED TOTAL		2180.00

Ravin 3737

245746

AUTHORIZATION

*M. Walker*

TITLE

DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED COPY**

TICKET NUMBER 33673

LOCATION Q-1214

FOREMAN Fuzzy

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**

**CEMENT**

125

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-29-11	1488	M & L LC #1	22	185	276	Lawe
CUSTOMER Bentley Oil & Gas			Alameda			
MAILING ADDRESS			Exit 112 E			
CITY			Sioux			
STATE			SD			
ZIP CODE			57001			
TRUCK #	DRIVER	TRUCK #	DRIVER			
463	Josh G					
439	Wes Flier					
528	Carl P					
	Derek G					

JOB TYPE 2-stage HOLE SIZE 7 7/8 HOLE DEPTH 4685' CASING SIZE & WEIGHT 4 1/2 10 1/2  
 CASING DEPTH 4662' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER DU @ 2050'  
 SLURRY WEIGHT 13.8-12.5 SLURRY VOL 1.41-1.89 WATER gal/sk 6.9-10.8 CEMENT LEFT in CASING 11'  
 DISPLACEMENT 74.4 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on morning @ 16. Flop @ 11:00 AM  
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, #64, #91, #92, Baskets #8, 2, #92 DU Tool  
Top of 64. Circulate. Pump SBH water, 500gal mud flush, SBH water  
Mix 2000 lbs OWC 5\* Kol seal, wash pump lines. Drop plug and displace 41.8  
water, 32.4 mud 800\* lift, 1600\* land. Drop DU Bomb with 10 min open  
Tool @ 1200\* circ 4 hrs. Pump SBH water mix 2000 lbs mud, 3000 lbs RH.  
Mix 475 lbs Lite 114\* Flo seal down 4 1/2 csg. Wash pump lines drop plug  
and displace 32 3/4 BSK lift press 700\* Cell @ 250\* After 10 BSK cement  
circulated top to pit final lift press 550\* hand close Tool @ 1700\* with  
no returns. Thanks Fuzzy & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401P	1	PUMP CHARGE	2850 <sup>00</sup>	2850 <sup>00</sup>
5406	20	MILEAGE	5 <sup>00</sup>	100 <sup>00</sup>
5407A	31.98 ton	Tow mileage Delivery	152	1016 <sup>60</sup>
1126	200 gals	OWC	21 <sup>48</sup>	4296 <sup>00</sup>
1131	525 gals	60/40 pos	14 <sup>33</sup>	7533 <sup>75</sup>
1118 B	3612 #	Bentowite	.24	866 <sup>88</sup>
1107	131 #	celloclafe	2 <sup>66</sup>	348 <sup>46</sup>
1110 A	1000 #	Kol. seal	.53	530 <sup>00</sup>
1144G	500 gal	mud flush	1 <sup>00</sup>	500 <sup>00</sup>
4156	1	4 1/2 - ATFU Flood shoe	287 <sup>00</sup>	287 <sup>00</sup>
4283	1	4 1/2 - DU Tool w/ hatchdown	3850 <sup>00</sup>	3850 <sup>00</sup>
4129	15	4 1/2 - Centralizers	46 <sup>00</sup>	690 <sup>00</sup>
4103	3	4 1/2 - BASKETS	261 <sup>00</sup>	783 <sup>00</sup>
4315	20	5' sections rotating sealstock	90 <sup>00</sup>	1800 <sup>00</sup>
		subtotal		25445 <sup>60</sup>
		less 10920 <sup>00</sup>		25445 <sup>60</sup>
		subtotal		22961 <sup>60</sup>
		SALES TAX		1218.20
		ESTIMATED TOTAL		24119.32

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AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE 10/29/11

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**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 33666  
LOCATION OAKLEY, KS  
FOREMAN Fuzz4

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET TREATMENT REPORT**



KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-20-11	1488	MELLC #1	22	18S	27W	lane
CUSTOMER Bentley Oil & Gas Co.		Almost Rd 1/2 E S 40				
MAILING ADDRESS						
CITY	STATE	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
			463	Josh G		
			439	Derek G		
				Cory D		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 208' CASING SIZE & WEIGHT 8 5/8, 23 #  
 CASING DEPTH 206' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 15'  
 DISPLACEMENT 12.2 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on Murphy #16, Rig up and circulate.  
Mix 150 SKS Class 'A' 3% cell 2% gel. Displace 12 BBL  
and shoot in cement did circulate approx 05 BBLs dipit

Thanks Fuzz4  
2012

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE	1025 <sup>00</sup>	1025 <sup>00</sup>
5406	25 miles	MILEAGE	5 <sup>00</sup>	125 <sup>00</sup>
5407	7.05 tow	Tow mileage Delivery (min)	410 <sup>00</sup>	410 <sup>00</sup>
1104 S	150 SKS	Class 'A' cement	16 <sup>80</sup>	2520 <sup>00</sup>
1102	423 #	Calcium Chloride	.84	355 <sup>32</sup>
1118 B	282 #	Bentonite	.24	67 <sup>68</sup>
		subtotal		4502 <sup>00</sup>
		less 10% disc		4052 <sup>00</sup>
		subtotal		4052 <sup>00</sup>
		AS PER BID		
		RECEIVED		
		FEB 27 2012		
		KCC WICHITA		
		24527A		
		SALES TAX		166.87
		ESTIMATED TOTAL		4219.57

Revin 3737

AUTHORIZATION MA Walker TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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**CONSOLIDATED**

Oil Well Services



TICKET NUMBER 33681

LOCATION Oakley

FOREMAN Tuzzy

PO Box 884, Chanute, KS 66725  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**

**CEMENT**

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-9-11	1488	MRLLC #1	22	185	27W	Lane
CUSTOMER <u>Bentley Oil &amp; Gas</u>						
MAILING ADDRESS						
CITY						
STATE						
ZIP CODE						
			TRUCK #	DRIVER	TRUCK #	DRIVER
			463	Josh G		
			439	Cory D		

Blameya  
exit  
112E  
50

JOB TYPE B-side HOLE SIZE \_\_\_\_\_ HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT 4 1/2  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 12.5 SLURRY VOL 1.99 WATER gal/sk 10.8 CEMENT LEFT In CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on Cheyenne Workover. Rig up + mix 50 sks 60/40 8" cgl 114# closed down B-side Press to 400# and shut in.

Thanks Tuzzy & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1025 <sup>00</sup>	1025 <sup>00</sup>
5406	20	MILEAGE	5 <sup>00</sup>	100 <sup>00</sup>
5407	2.2 Ton	Ton mi. charge Delivery (min)	410 <sup>00</sup>	410 <sup>00</sup>
1131	50 sks	60/40 pos	1435	717 <sup>50</sup>
1118B	344 #	Bandwidth	.24	82 <sup>56</sup>
1107	13 #	Cellulose	266	3458
		sub total		2369 <sup>84</sup>
		less 1090 disc		236 <sup>96</sup>
		sub total		2132 <sup>68</sup>
		RECEIVED		
		FEB 27 2012		
		KCC WICHITA		
		245746	SALES TAX	47.32
			ESTIMATED TOTAL	2180.00

Ravin 3737

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.





**CONSOLIDATED**  
Oil Well Services, LLC

**COPY**



TICKET NUMBER 33673  
LOCATION 0+2+4  
FOREMAN Fuzzy

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-29-11	1488	M&L L C #1	22	18S	27W	Lane

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
Bentley Oil & Gas MAILING ADDRESS CITY STATE ZIP CODE	463	Josh G		
	439	Wes Flier		
	528	Carl P		
		Derek G		

JOB TYPE 2-stage HOLE SIZE 7 7/8 HOLE DEPTH 4685' CASING SIZE & WEIGHT 4 1/2 10 1/2  
CASING DEPTH 4667' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER DU @ 2050'  
SLURRY WEIGHT 13.8-12.5 SLURRY VOL 1.41-1.89 WATER gal/sk 6.9-10.8 CEMENT LEFT in CASING 11'  
DISPLACEMENT 74.4 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on main #16. Float equip Cent  
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, #64, #91, #92, Baskets #8, 2, #92 DU Tool  
Tapes of 64. Circulate, Pump SBH water, 500gal Mud Flush, SBH water  
Mix 200sts OWC 5\* Rolseal, wash pump lines, Drop plug and displace 41.8  
water, 32.4 mud 800\* lift, 1600\* land, Drop DU Bore w/ 10min open  
Tool @ 1200\* Circ 4 hrs. Pump SBH water mix 200sts mud, 30sts RH.  
Mix 475sts Lite 114\* Closeal down 4 1/2 csg, wash pump lines Drop plug  
and displace 32 3/4 BSK lift press 700\* Bell 4 @ 250\* AFTER 10 BSK cement  
circulated to pit final lift press 850\* hand close Tool @ 1700\* with  
no returns. Thanks Fuzzy & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401P	1	PUMP CHARGE	2850 <sup>00</sup>	2850 <sup>00</sup>
5406	20	MILEAGE	5 <sup>00</sup>	100 <sup>00</sup>
5407A	31.98 tow	Tow mileage Delivery	158	1016 60
1126	200 sts	OWC	21 48	4296 <sup>00</sup>
1131	525 sts	60/40 pos	14 33	7533 75
1118 B	3612 #	Bentonite	.24	866 88
1107	131 #	celloclape	2 66	348 46
1110 A	1000 #	Rol-seal	.53	530 <sup>00</sup>
1144G	500gal	mud flush	1 <sup>00</sup>	500 <sup>00</sup>
4156	1	4 1/2 - ATFU Flood shoe	287 <sup>00</sup>	287 <sup>00</sup>
4283	1	4 1/2 - DU Tool w/ hatchdown	3850 <sup>00</sup>	3850 <sup>00</sup>
4129	15	4 1/2 - Conduclizers	46 <sup>00</sup>	690 <sup>00</sup>
4103	3	4 1/2 - Baskets	261 <sup>00</sup>	783 <sup>00</sup>
4315	20	5' sections rotating scratcher	90 <sup>00</sup>	1800 <sup>00</sup>
		subtotal		25445 69
		less 10900.00		2544 52
		subtotal		2290 12
		245 464	SALES TAX	1218.20

Ravin 3737  
ESTIMATED TOTAL 24119.32  
DATE 10/29/11

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET TREATMENT REPORT**



TICKET NUMBER 33666  
LOCATION OAKLEY, KS  
FOREMAN Fuzz4

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
10-20-11	1488	MRLLC #1	22	18S	27W	lane <sup>KS</sup>																
CUSTOMER Bentley Oil & Gas Co.			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>463</td> <td>Jay G</td> <td></td> <td></td> </tr> <tr> <td>439</td> <td>Dore G</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Cory D</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	463	Jay G			439	Dore G				Cory D		
TRUCK #	DRIVER	TRUCK #					DRIVER															
463	Jay G																					
439	Dore G																					
	Cory D																					
MAILING ADDRESS																						
CITY	STATE	ZIP CODE																				

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 208' CASING SIZE & WEIGHT 8 3/8 23 #  
 CASING DEPTH 206' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT IN CASING 15'  
 DISPLACEMENT 12.258L DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on Muffin #16, Rig up and circulate.  
Mix 150 SKS Class 'A' 390cc 290gal. Displace 12 BBL  
and shut in cement did circulate approx 15 BBLs top it

Thanks Fuzz4  
2/27/12

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1025 <sup>00</sup>	1025 <sup>00</sup>
5406	25 miles	MILEAGE	5 <sup>00</sup>	125 <sup>00</sup>
5407	7.05 tow	Tow mileage Delivery (min)	410 <sup>00</sup>	410 <sup>00</sup>
11045	150 SKS	Class 'A' cement	16 <sup>00</sup>	2520 <sup>00</sup>
1102	423 #	Calcium Chloride	.84	355 <sup>32</sup>
11185	282 #	Bentonite	.24	67 <sup>68</sup>
		sub total		4502 <sup>00</sup>
		less 10% disc		4052 <sup>72</sup>
		sub total		4052 <sup>72</sup>
		AS per bid		

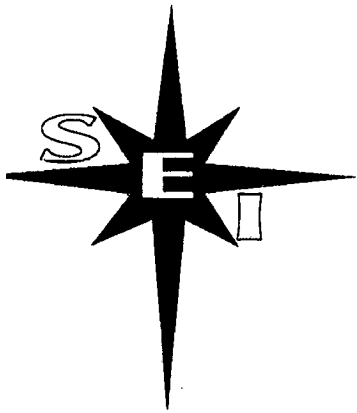
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KCC WICHITA

SALES TAX	166.87
ESTIMATED TOTAL	4219.57

AUTHORIZATION MA Walker TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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# Schmidt Engineering, Inc.

1321 West 93rd North • Valley Center, Kansas • 67147 • (316) 755-3523

## BENTLEY OIL & GAS COMPANY

MRLLC #1  
22-18S-27W  
Lane Co. Kansas

### Completion Report

**11/03/11:** Gable Lease Service cleaned up and leveled wellsite and welded slip collar on 4 ½" production casing.

**11/04/11:** RU Log Tech w/ mast truck. Ran Radial Sector Bone/ Gamma log from PBTDF of 2076' to surface. Top of cement @ 264'. RD Log Tech. Wait on completion unit for next week.

**11/09/11:** MIRU Cheyenne Services. Unload tbg & swab tank. Move in drill out equipment. Dig out 8 5/8" braden head – hook up mud pump & pump in to annulus @ 150#/ 1 BPM. Run in w/ 3 7/8" L-2 bit & tbg to 2076'. Tag DV tool & drill out in 1 hour & 15 minutes. Run bit to TD @ 4668' – circulate clean & spot 40 bbl 2% KCL on bottom. Rig up Consolidated Services. Mix & pump 50 sks 60/40 poz/ 2% gel & ¼# sk/ flo-cel. Displace to 350# - wash up & pressure to 400#. KCC (Mike Meirer) witnessed procedure. Rig down Consolidated. Pull out w/ bit & tbg. Shut down for night.

**11/10/11:** Rig up LogTech, run cement sector log & CBL 4672-3550'. Casing swab well to 4300' and perforate Cherokee 4561-68' (7') 4spf. RIH w/ Tbg & Pkr, Tailpipe @ 4549.23', Pkr & SN @ 4516'. 820' FIW. Swab test Cherokee natural as follows:

<u>Time</u>	<u>BPH</u>	<u>Total</u>	<u>FIW</u>	<u>Pulls</u>	<u>Notes</u>
1 <sup>st</sup> Hr.	4.97	4.97	200	5	Gassy oil, 76%
2 <sup>nd</sup> Hr.	1.46	6.43	100	5	Gassy oil, 100%
3 <sup>rd</sup> Hr.	1.77	8.20	320	2	Gassy oil, 100%
4 <sup>th</sup> Hr.	1.17	9.37	320	2	Gassy oil, 100%

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KCC WICHITA

SWION

**11/11/11:** Cherokee 4561-68'. 1600' in well overnight fill; 100% oil. Drop tailpipe to 4581'. RU Kansas Acid. Drop spot 3.5 bbls acid across perfs and let equalize. Pull up to 4549' and set Pkr @ 4516'. Load Tbg and incrementally increase pressure to 900#. Began feeding @ 1/10 BPM. Increase rate to 2.0 BPM @ 1500# and treated with total of 500 gls 7 ½% MCA w/ DS-FE w/ Cla-Sta. Final @ 2.3BPM, 1400#. ISIP-800#, 5 min-450#, 10 min-200#, Vac in 14 minutes. Total Load-31 bbls. Swab as follows:

Bentley Oil & Gas Co.  
 MRLLC #1  
 Completion Report  
 Page 2 of 4

11/11/11 (Cont.):

<u>Time</u>	<u>BPH</u>	<u>Total</u>	<u>FIW</u>	<u>Pulls</u>	<u>Notes</u>
1 <sup>st</sup> Hr.	20.18	20.18	320	6	31% oil + spent acid
2 <sup>nd</sup> Hr.	1.17	21.35	50	5	89% oil; swab down
3 <sup>rd</sup> Hr.	3.21	24.56	320	2	89%oil
4 <sup>th</sup> Hr.	0.88	25.44	270	2	92% oil
5 <sup>th</sup> Hr.	1.17	26.61	230	2	97% oil
6 <sup>th</sup> Hr.	0.29	26.90	120	2	94% oil
7 <sup>th</sup> Hr.	1.02	27.92	230	2	95% oil

SWION.

11/14/11: Puff gas on tbg. F.L. @ 2800', 1720' F.I.W. – 53% oil. Swab as follows:

<u>Time</u>	<u>BPH</u>	<u>Tot.</u>	<u>Oil %</u>	<u>Notes</u>
1 <sup>st</sup> Hr.	7.34	43.84	53%	Swab down
2 <sup>nd</sup> Hr.	2.04	45.88	85%	2 runs-show mud hr.
3 <sup>rd</sup> Hr.	.58	46.46	95%	5 pulls-muddy oil
4 <sup>th</sup> Hr.	.87	47.33	98%	2 pulls-muddy oil
5 <sup>th</sup> Hr.	.87	48.20	98%	2 pulls-muddy oil
6 <sup>th</sup> Hr.	.87	49.07	98%	2 pulls-muddy oil
7 <sup>th</sup> Hr.	.58	49.65	98%	2 pulls-muddy oil
8 <sup>th</sup> Hr.	.58	50.23	98%	2 pulls-muddy oil
9 <sup>th</sup> Hr.	.58	50.81	98%	2 pulls-mud diminishing

SDFN.

11/15/11: FL @ 3550', 1010' F.I.W., 89% oil Swab well to seating nipple. Rig up Kansas Acid. Pump 1500 gallons 10% MCA/ NE w/ Clay-Sta @ 3.5 BPM/ 1450#. Flush w/ 1500 gallons 2% KCL w/ Cla-Sta. ISIP 800#. 10 minutes – 600#. Flow back 4 bbl to pit – 72 bbl load. Swab as follows:

<u>Time</u>	<u>BPH</u>	<u>Tot.</u>	<u>Oil %</u>	<u>Notes</u>
1 <sup>st</sup> Hr.	26.9	26.90	Scum	Gassy load water
2 <sup>nd</sup> Hr.	3.8	30.70	33%	Gassy load water
3 <sup>rd</sup> Hr.	3.8	34.50	68%	Muddy oil & gas
4 <sup>th</sup> Hr.	2.04	36.54	80%	Muddy oil-load water

Pull out w/ tbg & PKR. Rig up LogTech – set cast iron bridge plug @ 4500'. FL @ 3800'. Perf. Heartha 4288-4296' (2 spf). Rig down LogTech. Start in w/ PKR & tbg. SDFN.

Bentley Oil & Gas Co.  
 MRLLC #1  
 Completion Report  
 Page 3 of 4

11/16/11: Spot tailpipe @ 4298'. Tag fluid @ 3600'. Rig up Kansas Acid – spot 1000 gallons 15% MCA/ NE across Heartha perms. Set PKR @ 4240'. Load tbg – broke down 50# @ ¼ BPM. Displaced acid 2.88 BPM @ 700# (no break) ISIP 200#, 1 minute – vacuum. 44 bbl load. Swab as follows:

<u>Time</u>	<u>BPH</u>	<u>Tot.</u>	<u>Oil %</u>	<u>F.L.</u>	<u>Notes</u>
1 <sup>st</sup> Hr.	21.0	21.0	Scum	3600'	Swab down
2 <sup>nd</sup> Hr.	9.36	30.36	63%	3850'	Steady swab
3 <sup>rd</sup> Hr.	5.50	35.86	66%	3950'	Steady swab
4 <sup>th</sup> Hr.	2.00	37.86	66%	3850'	2 pulls/ hr.
5 <sup>th</sup> Hr.	3.20	41.06	69%	4000'	Steady swab
6 <sup>th</sup> Hr.	3.50	44.56	63%	4000'	Steady swab
7 <sup>th</sup> Hr.	3.20	47.76	65%	4050'	Steady swab
8 <sup>th</sup> Hr.	2.60	50.36	65%	4050'	Steady swab
9 ½ Hr.	1.20	51.56	65%	4100'	2 runs

SDFN

11/17/11: ONFU – 1000', 50% oil. Swab 7 bbl back. Rig up Kansas Acid – pump 3000 gallons 15% NE + 29 bbl KCL flush – 5 BPM @ 1500# throughout. ISIP, vacuum – 102 bbl load. Swab as follows:

<u>Notes</u>	<u>BPH</u>	<u>Tot.</u>	<u>F.L.</u>	<u>Oil %</u>	<u>Notes</u>
1 <sup>st</sup> Hr.	29.83		2800'	Show	Swab down
2 <sup>nd</sup> Hr.	15.79	45.62	3500'	16%	
3 <sup>rd</sup> Hr.	10.20	55.82	3600'	24%	
4 <sup>th</sup> Hr.	7.40	63.22	3800'	29%	
5 <sup>th</sup> Hr.	7.02	70.24	3850'		
6 <sup>th</sup> Hr.	6.43	76.67	3850'	33%	Gassy oil & load water-some salt

Pull out w/ tbg & PKR. SDFN

11/18/11: Run in w/ production tbg as follows:

1 -	15' x 2 3/8" Mud Anchor	15.00
1 -	2 3/8" Seating Nipple	1.10
3 -	Jts. 2 3/8" Tbg	97.18
1 -	4 1/2" x 2 3/8" Anchor Catcher-35K shear	2.80
131 -	Jts. 2 3/8" Tubing	4249.27
	KB	4.00
	Total	4369.35

Bentley Oil & Gas Co.  
MRLLC #1  
Completion Report  
Page 4 of 4

11/18/11 (Cont.): Tubing anchor set w/ 16" stretch. Seat nipple @ 4354'. Run pump & rods as follows:

- 1 - 6' x 1 1/4" Gas Anchor
- 1 - 2" x 1 1/4" x 16' RWT Pump 125" Max Stroke
- 1 - 1' x 3/4" Rod Sub
- 6 - 1 1/4" x 25' Sinker Bars
- 166 - 3/4" Rods (new)
- 8'-6"-2' - 3/4" Rod Subs
- 1 - 22' x 1 1/4" Polished Rod w/ 10' Liner

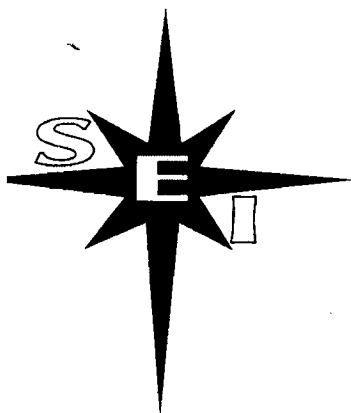
Space pump one foot off bottom — test pump & action & hang off w/ 7' polished rod above stuffing box. Rig down Cheyenne.

**JOB COMPLETE**



Charles Schmidt  
Production Supervisor

Allan Walker  
Field Supervisor



# Schmidt Engineering, Inc.

1321 West 93rd North • Valley Center, Kansas • 67147 • (316) 755-3523

## BENTLEY OIL & GAS COMPANY

MRLLC #1  
22-18S-27W  
Lane Co. Kansas

### Production Casing Report

**10/28/2011: 22:15** On location, pipe on bottom & circulating. Crew unloading last of 118 jts 4.5" casing and strap pipe.

**23:45** Start out of hole laying down.

**10/29/11: 04:00** Out of hole, rig up casing crew.

**05:00** Run in casing as below:

1 -	Float Shoe	1.00
1 -	Shoe Jt.	11.15
1 -	Baffle Plate	0.00
62 -	Jts. 4.5" 10.5# Csg (new)	2597.54
1 -	DV Tool	2.00
50 -	Jts. 4.5" 10.5# Csg (new)	2076.00
	KB	5.00
	Less Cut-off	<u>-26.08</u>
		4666.61

Latch down @ 4655'

Baskets (3) @ 4421', 2057' & 904'

DV @ 2058'

Centralizers (15) @ 4655', 4633', 4591', 4549', 4506', 4464', 4422', 4370', 4337', 4295', 4252', 2060', 2036', 905' & 862'

Scratchers (20=100') 4262-4305' & 4527-4590'

**07:15** Tag up @ 4667' per tally, unable to circulate pipe any deeper and found no errors in tally. Only suspicion is that the 2- 31' jts in tally may have actually been 42' long and improperly recorded.

Landed casing @ 4666' per tally. Condition mud to 43 viscosity and cutoff excess pipe.

**11:00** Pump 5 bbl fresh water, 500 gal mud flush, 5Bbl fresh water and 200sks OWC w/ 5#/sk korseal. Drop plug and flush w/ 41.8Bbl water & 32.4Bbl mud w/ 800# maximum lift pressure & good returns throughout.

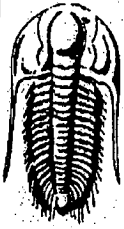


- 11:45** Land plug w/ 1600#, held. Drop DV bomb, wait 10 minutes, and DV tool w/ 1200#. Circulate 4 hours.
- 16:00** (Mixed 20 sx cement for mousehole & 30 sx cement for rathole.) Pump 475 sx lite w/ 1/4# flo seal down casing. Drop plug and displace w/ 32.7 bbl water. Maximum lift pressure – 700# - fell back to 250# after 10 bbl slurry circulated to pit then lost circulation. Slowed rate w/ 200# lift pressure. Never regained circulation & cement slurry in cellar dropped down hole. Final lift pressure increased to 350# but no returns to surface.
- 17:15** Land plug & close tool @ 1700#. Drop slips & Welder cut off casing to surface level. Welder will weld on slip collar Monday once rig moves off.

Charles Schmidt  
Petroleum Engineer

Jason Walker  
Field Supervisor

# WELL FILE



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Bentley Oil & Gas Co.  
P.O. Box 5012  
Wichita Falls TX 76307  
ATTN: Kent Crisler

32-18-27 Lane Co KS  
MRLLC #1  
Job Ticket: 45464      DST#: 3  
Test Start: 2011.10.27 @ 11:57:00

### GENERAL INFORMATION:

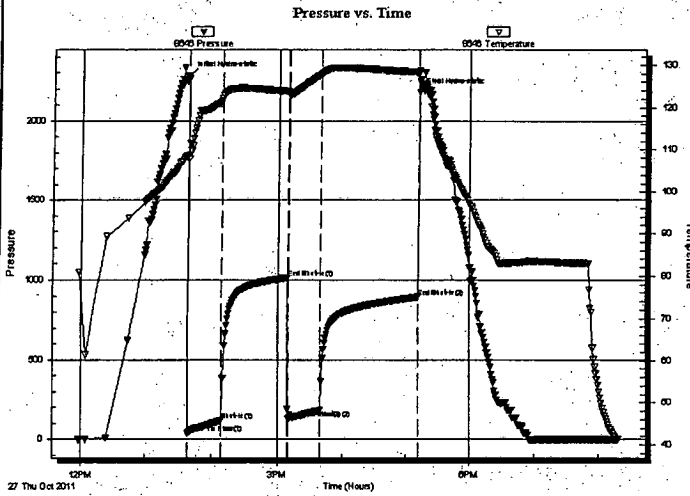
Formation: **Cherokee Sand**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 13:39:00  
Time Test Ended: 20:18:30  
Interval: **4535.00 ft (KB) To 4583.00 ft (KB) (TVD)**  
Total Depth: 4583.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Will MacLean  
Unit No: 48  
Reference Elevations: 2689.00 ft (KB)  
2684.00 ft (CF)  
KB to GR/CF: 5.00 ft

### Serial #: 8646

Inside

Press@RunDepth: 180.15 psig @ 4536.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2011.10.27      End Date: 2011.10.27      Last Calib.: 2011.10.27  
Start Time: 11:57:00      End Time: 20:18:30      Time On Btm: 2011.10.27 @ 13:38:45  
Time Off Btm: 2011.10.27 @ 17:12:45

TEST COMMENT: IF- BOB in 9 1/2min  
IS- Surface Blow Built to 1 1/4" Died in 44min  
FF- BOB in 10min  
FSI- Surface Blow Built to 1"



### PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2281.35	108.58	Initial Hydro-static
1	36.34	107.81	Open To Flow (1)
31	116.40	122.22	Shut-in(1)
90	1012.71	123.78	End Shut-In(1)
92	127.12	123.05	Open To Flow (2)
121	180.15	127.80	Shut-In(2)
214	893.53	128.23	End Shut-In(2)
214	2181.25	128.46	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
82.00	GO 30%g 70%oil	0.88
101.00	OGCM 10%oil 15%g 75%m	1.42
124.00	OGCM 10%oil 20%g 70%m	1.74
126.00	GO 15%g 85%oil	1.77
0.00	372 GIP	0.00

\* Recovery from multiple tests

### Gas Rates

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

RECEIVED  
FEB 27 2012



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Bentley Oil & Gas Co.

32-18-27 Lane Co KS

P.O. Box 5012  
Wichita Falls TX 76307

MRLLC #1

Job Ticket: 45464

DST#: 3

ATTN: Kent Crisler

Test Start: 2011.10.27 @ 11:57:00

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
82.00	GO 30%g 70%oil	0.877
101.00	OGCM 10%oil 15%g 75%m	1.417
124.00	OGCM 10%oil 20%g 70%m	1.739
126.00	GO 15%g 85%oil	1.767
0.00	372 GIP	0.000

Total Length: 433.00 ft

Total Volume: 5.800 bbl

Num Fluid Samples: 0

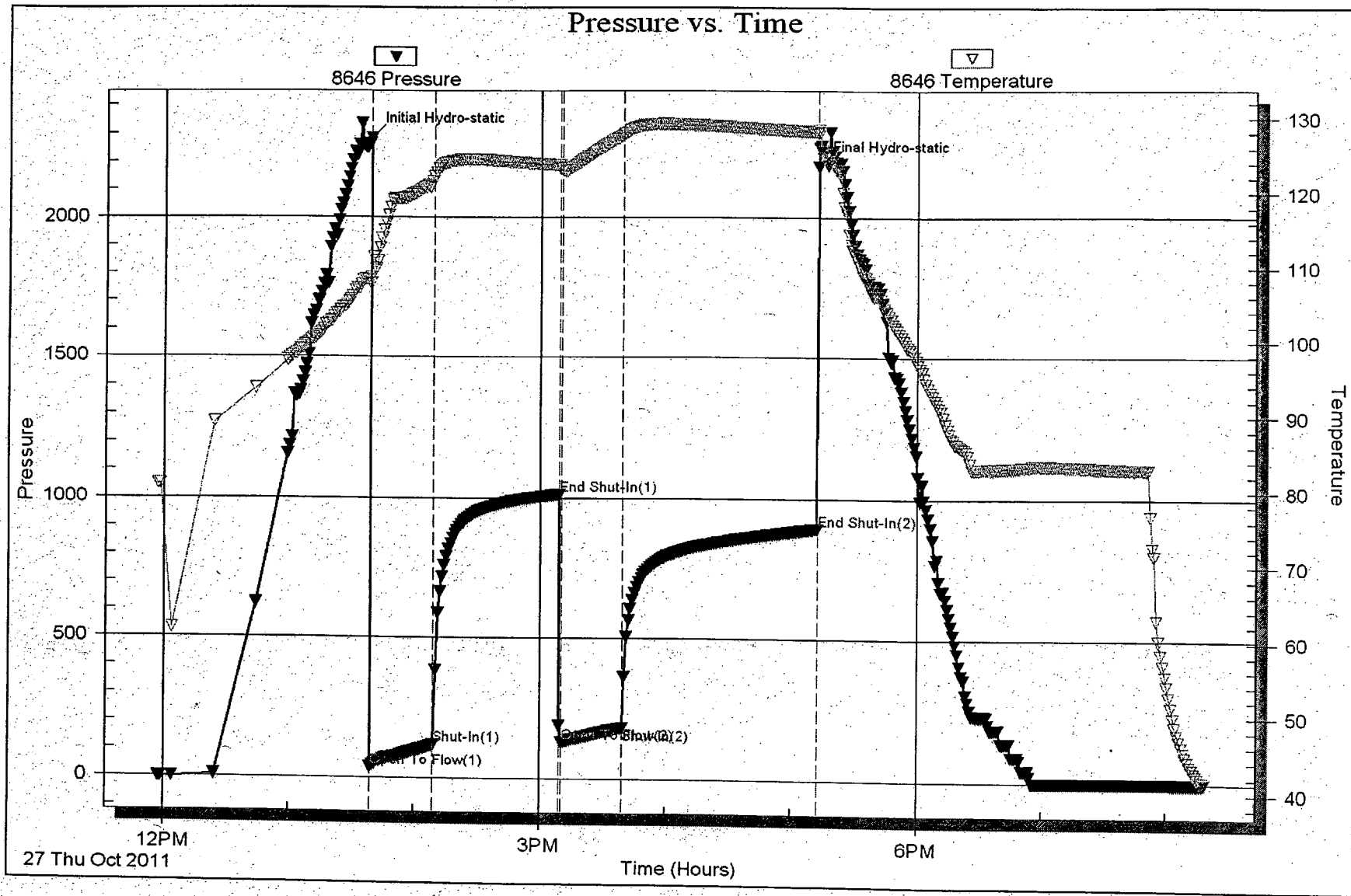
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API is 34 @ 40f = 36



# WELL FILE



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Bentley Oil & Gas Co.  
P.O. Box 5012  
Wichita Falls TX 76307  
ATTN: Kent Crisler

32-18-27 Lane Co KS  
MRLLC #1  
Job Ticket: 45463      DST#: 2  
Test Start: 2011.10.26 @ 17:06:00

### GENERAL INFORMATION:

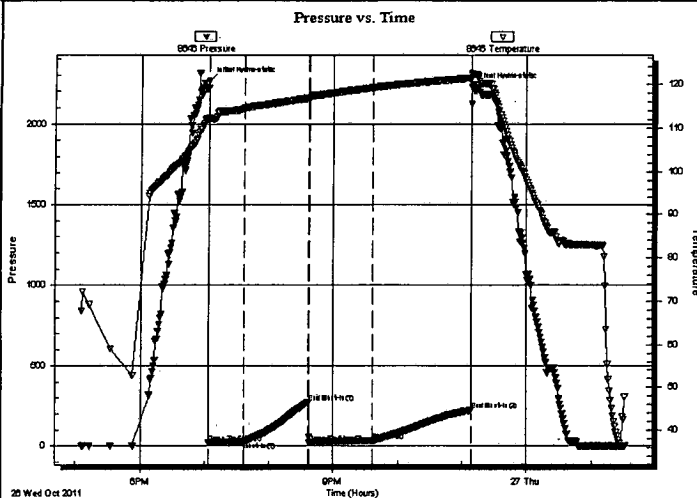
Formation: **Ft. Scott**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 19:03:45  
Time Test Ended: 01:31:00  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Will MacLean  
Unit No: 48  
Interval: **4473.00 ft (KB) To 4524.00 ft (KB) (TVD)**  
Reference Elevations: 2689.00 ft (KB)  
Total Depth: 4524.00 ft (KB) (TVD)      2684.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair      KB to GR/CF: 5.00 ft

### Serial #: 8646

Inside

Press@RunDepth: 30.66 psig @ 4476.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2011.10.26      End Date: 2011.10.27      Last Calib.: 2011.10.27  
Start Time: 17:06:00      End Time: 01:31:00      Time On Btm: 2011.10.26 @ 19:03:30  
Time Off Btm: 2011.10.26 @ 23:09:15

TEST COMMENT: IF- Surface Blow Built to 3 1/2"  
IS- No Blow  
FF- Surface Blow Built to 6 1/4"  
FS- No Blow



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2263.61	112.39	Initial Hydro-static
1	17.81	111.81	Open To Flow (1)
33	26.84	114.48	Shut-In(1)
93	269.25	116.85	End Shut-In(1)
94	19.21	116.78	Open To Flow (2)
153	30.66	119.23	Shut-In(2)
246	222.45	121.46	End Shut-In(2)
246	2223.99	122.17	Final Hydro-static

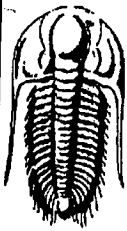
### Recovery

Length (ft)	Description	Volume (bbl)
15.00	GOCM 10%g 10%oil 80%m	0.07
0.00	169' GIP	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**

Bentley Oil & Gas Co.  
P.O. Box 5012  
Wichita Falls TX 76307  
ATTN: Kent Crisler

**32-18-27 Lane Co KS**  
**MRLLC #1**  
Job Ticket: 45463      **DST#: 2**  
Test Start: 2011.10.26 @ 17:06:00

### 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:	60.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	5.60 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2500.00 ppm				
Filter Cake:	1.00 inches				

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	GOCM 10%g 10%oil 80%m	0.074
0.00	169' GIP	0.000

Total Length: 15.00 ft      Total Volume: 0.074 bbl

Num Fluid Samples: 0

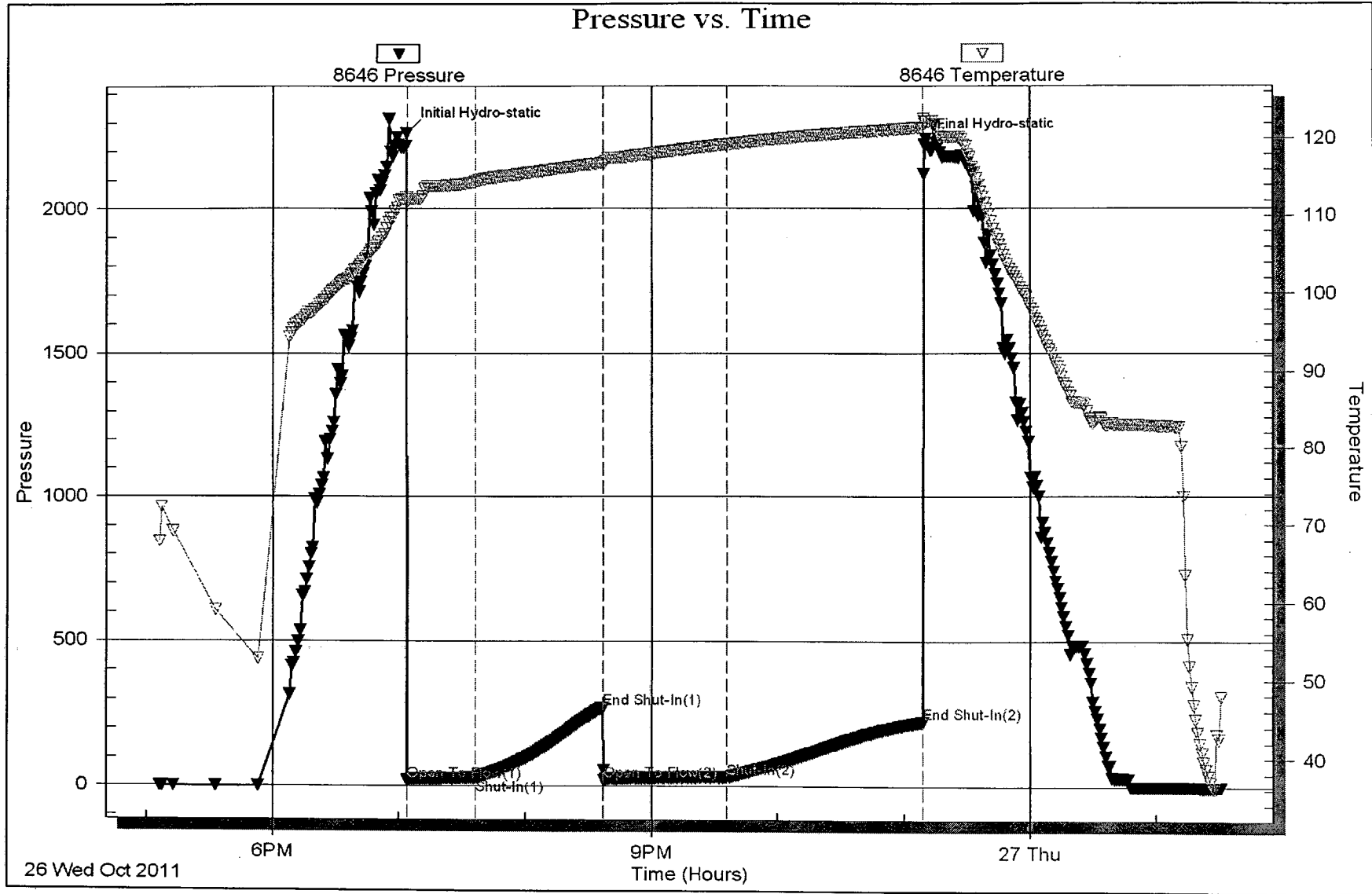
Num Gas Bombs: 0

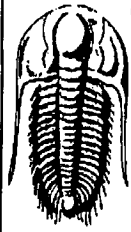
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Bentley Oil & Gas Co.  
P.O. Box 5012  
Wichita Falls TX 76307  
  
ATTN: Kent Crisler

**32-18-27 Lane Co KS**  
**MRLLC #1**  
Job Ticket: 45462      **DST#: 1**  
Test Start: 2011.10.25 @ 13:52:00

**GENERAL INFORMATION:**

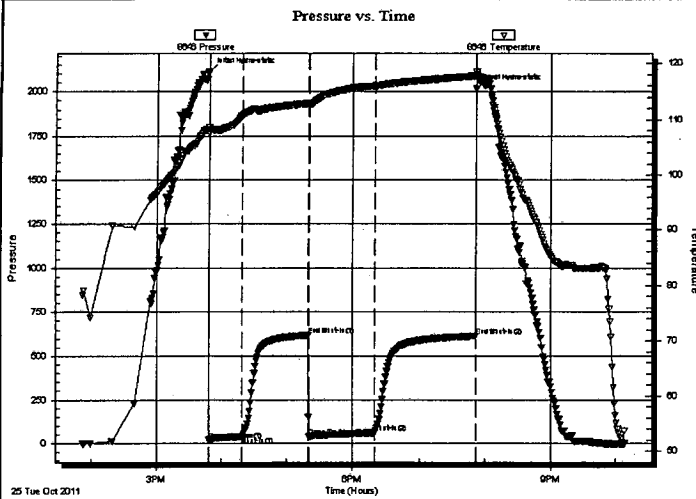
Formation: <b>LKC 'L'</b> Deviated: <b>No Whipstock:</b> ft (KB) Time Tool Opened: 15:48:30 Time Test Ended: 22:08:00	Test Type: <b>Conventional Bottom Hole (Initial)</b> Tester: <b>Will MacLean</b> Unit No: <b>48</b>  Reference Elevations:      2689.00 ft (KB) 2684.00 ft (CF) KB to GR/CF:      5.00 ft
Interval: <b>4263.00 ft (KB) To 4310.00 ft (KB) (TVD)</b> Total Depth:      4310.00 ft (KB) (TVD) Hole Diameter:      7.88 inches Hole Condition: Fair	

**Serial #: 8646**

**Inside**

Press@RunDepth:      59.55 psig @      4264.00 ft (KB)	Capacity:      8000.00 psig
Start Date:      2011.10.25      End Date:      2011.10.25	Last Calib.:      2011.10.25
Start Time:      13:52:00      End Time:      22:08:00	Time On Btm:      2011.10.25 @ 15:48:15
	Time Off Btm:      2011.10.25 @ 19:52:15

**TEST COMMENT:** IF- Surface Blow Built to 2 1/4"  
 IS- No Blow  
 FF- BOB in 47min  
 FSI- No Blow



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2112.12	108.57	Initial Hydro-static
1	17.88	107.47	Open To Flow (1)
31	38.59	110.75	Shut-In(1)
92	619.40	112.88	End Shut-In(1)
93	38.86	112.74	Open To Flow (2)
152	59.55	115.96	Shut-In(2)
244	614.78	117.77	End Shut-In(2)
244	2017.85	118.53	Final Hydro-static

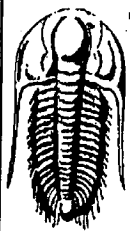
**Recovery**

Length (ft)	Description	Volume (bbl)
45.00	OGCM 2%oil 5%G 93%M	0.36
60.00	OGWCM 5%oil 10%G 20%W 65%M	0.84
0.00	248' of GIP	0.00

**Gas Rates**

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





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Bentley Oil & Gas Co.  
P.O. Box 5012  
Wichita Falls TX 76307  
ATTN: Kent Crisler

**32-18-27 Lane Co KS**  
**MRLLC #1**  
Job Ticket: 45462      **DST#: 1**  
Test Start: 2011.10.25 @ 13:52:00

### Mud and Cushion Information

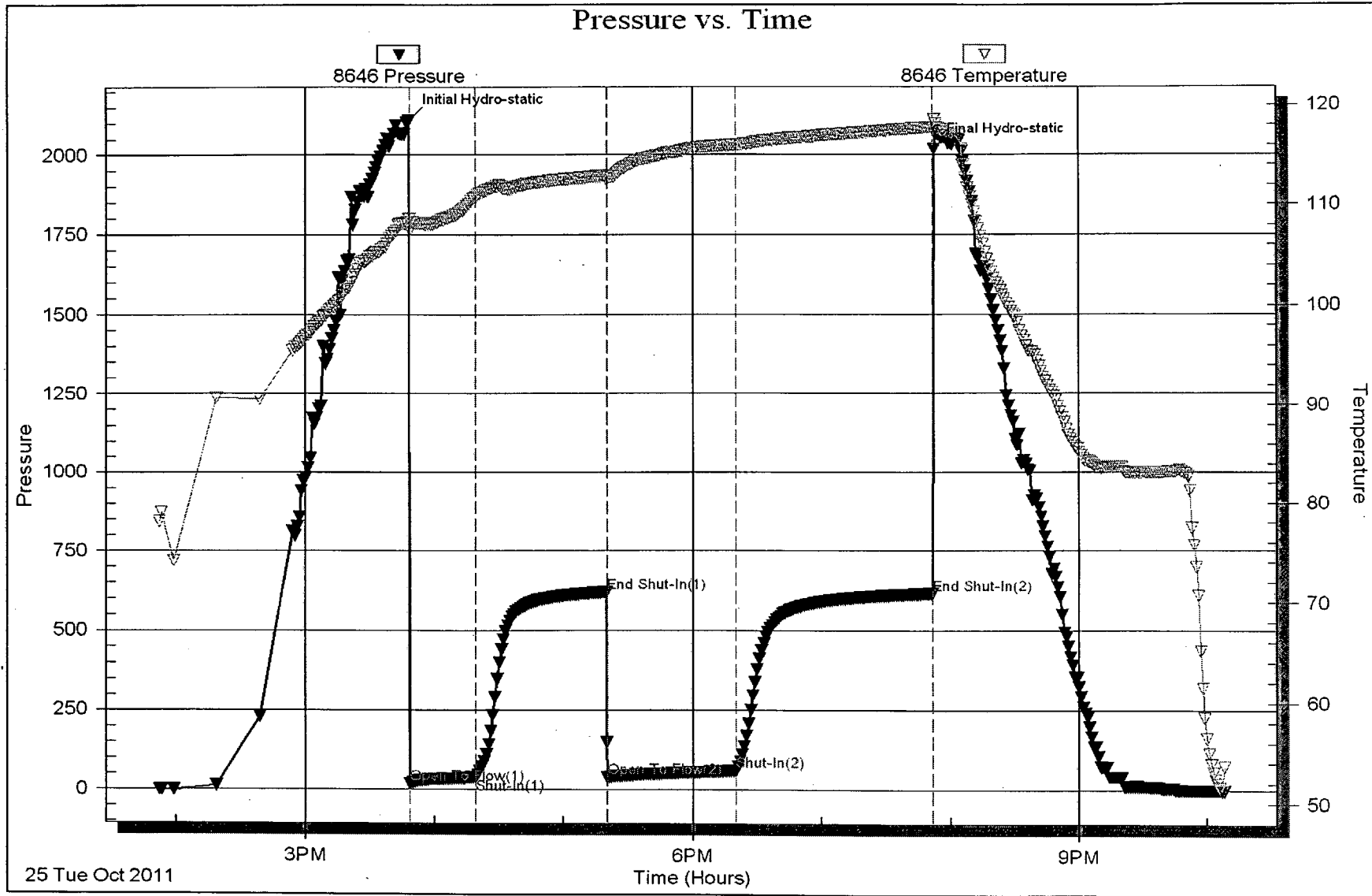
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	32000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.60 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2300.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	OGCM 2%oil 5%G 93%M	0.358
60.00	OGWCM 5%oil 10%G 20%W 65%M	0.842
0.00	248' of GIP	0.000

Total Length: 105.00 ft      Total Volume: 1.200 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: RW is .341@ 57f = 32000



FORMATION	SAMPLE	E LOG	DATUM
ANHYDRITE	2049+641	2050+640	
BASE ANHY	2081+609	2079+611	
HEEBNER SH	3929-1239	3928-1238	
LANSING	3966-1276	3966-1276	
STARK SH	4235-1545	4235-1545	
HUSH SH	4274-1584	4273-1583	
FORT SCOTT	4488-1798	4490-1800	
CHEROKEE SH	4511-1821	4514-1824	
CK SAND	4561-1871	4562-1872	
MISS	4627-1937	4629-1939	
TD	4685	4687	

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FEB 27 2012  
KCC WICHITA

# BENTLEY OIL AND GAS COMPANY

PO BOX 5012

WICHITA FALLS, TX 76307

PH 940.723.0897

FAX 940.723.0807



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Request for Confidentiality

To whom it may concern,

Please hold the MRLLC #1 well logs confidential for the maximum amount of time granted by the KCC.

Thank You,

A handwritten signature in black ink, appearing to read "Casie Sutton", written over the typed name.

Casie Sutton  
Executive Assistant  
Bentley Oil and Gas Company

RECEIVED  
FEB 27 2012  
KCC WICHITA