



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1074395
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1074395

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	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-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input 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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

February 16, 2012

Leon Rodak
Murfin Drilling Co., Inc.
250 N WATER STE 300
WICHITA, KS 67202-1216

Re: ACO1
API 15-051-26208-00-00
Orth 'E' #9
NW/4 Sec.03-14S-19W
Ellis County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.


Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Leon Rodak

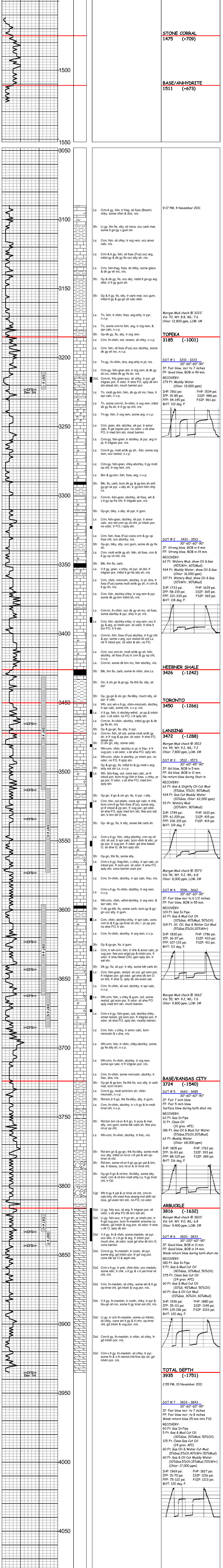
MDCI
 Orth 'E' #9
 1350' FNL 1050' FWL
 Sec. 3-T14S-R19W
 Ellis County, KS
 2184' KB

Smith C.W
 Orth #5
 SW NE NW
 Sec. 3-T14S-R19W
 Ellis County, KS
 2197' KB

Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	1475	+709	+6	1469	+715	+12	1494	+703
B/Anhydrite	1511	+673	+8	1514	+670	+5	1532	+665
Topeka	3185	-1001	+14	3188	-1004	+11	3212	-1015
Heebner	3426	-1242	+11	3431	-1247	+6	3450	-1253
Toronto	2450	-1266	+8	3451	-1267	+7	3471	-1274
Lansing	3472	-1288	+8	3474	-1290	+6	3493	-1296
Arbuckle	3816	-1632	+27	3817	-1633	+26	3856	-1659
RTD	3935	-1751					3861	
LTD				3940	-1756			

		GEOLOGIST'S REPORT	
		OPERATOR MURFIN DRILLING COMPANY, INC. LEASE ORTH 'E' # 9 LOCATION 1350 FNL & 1050 FWL SEC. 3 TWPSP 14S RGE 19W COUNTY ELLIS STATE KANSAS FIELD STADELMAN	
CONTRACTOR Murfin Drilling Company RIG NO. 8 COMMENCED 1 Nov 2011 COMPLETED 11 Nov 2011 MUD DISPLACED 2929 MUD TYPE Chemical DRILLING TIME KEPT FROM 3090 TO 3895 SAMPLES SAVED FROM 3090 TO 3895 SAMPLES EXAMINED FROM 3090 TO 3895		ELEVATIONS KB 2184 Ft. CL 2179 Ft.	
GEOLOGICAL SUPERVISION FROM 2977 TO 3895 GEOLOGIST ON WELL Paul Gurselmann		CASING RECORD Candidate Name Surface 8.88" @ 220' Production 5.12" @ 2895'	
FORMATION TOP DATUM TOP SAMPLE NAME DATUM DATUM Stone Corral 1489 +715 1475 +709 Base/Anhydrite 1514 +670 1511 +673 Topoka 3188 -1004 3185 -1001 Heebner Shale 3431 -1248 3426 -1242 Toronto 3452 -1288 3450 -1286 Lansing 3474 -1290 3472 -1288 Base/Kansas City 3728 -1544 3724 -1540 Arducke 3818 -1634 3816 -1632 Total Depth 3840 -1756 3835 -1751		ELECTRICAL SURVEYS: LOG INDUCTION Dual Induction Micro-resistivity Comp. Sonic	

DRILL TIME (MIN/FT)	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	REMARKS
---------------------	-------	-----------	---------------------	---------



Operator: **MURFIN DRILLING COMPANY, INC.**
 Lease: **ORTH 'E' # 9**
 Location: **1350 FNL & 1050 FWL SEC. 3 TWPSP 14S RGE 19W**
 County: **ELLIS** State: **KANSAS**



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc,
 250 N. Water STE 300
 Wichita KS, 67202 + 1216
 ATTN: Paul Gunzelman

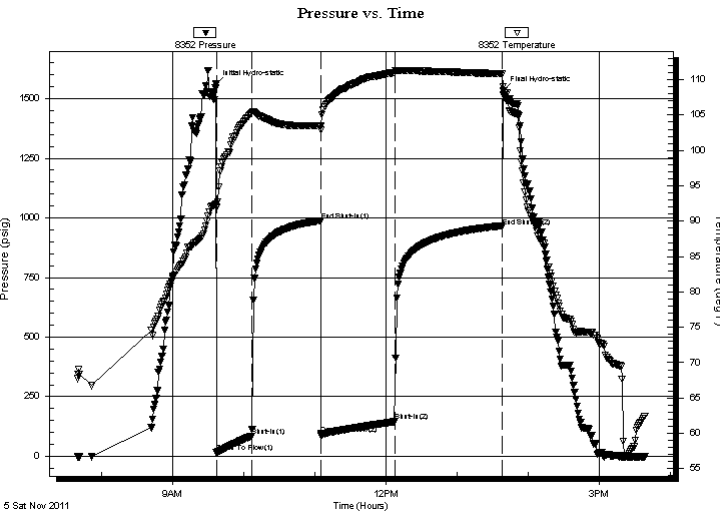
3-14s-19w Russell
Orth E #9
 Job Ticket: 44663 **DST#: 1**
 Test Start: 2011.11.05 @ 07:40:00

GENERAL INFORMATION:

Formation: **Topeka**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:37:00
 Time Test Ended: 15:39:00
 Interval: **3210.00 ft (KB) To 3223.00 ft (KB) (TVD)**
 Total Depth: 3223.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Cody Bloedorn
 Unit No: 38
 Reference Elevations: 2184.00 ft (KB)
 2180.00 ft (CF)
 KB to GR/CF: 4.00 ft

Serial #: 8352 Inside
 Press @ Run Depth: 145.70 psig @ 3211.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.11.05 End Date: 2011.11.05 Last Calib.: 2011.11.05
 Start Time: 07:40:05 End Time: 15:38:59 Time On Btm: 2011.11.05 @ 09:36:50
 Time Off Btm: 2011.11.05 @ 13:38:39

TEST COMMENT: 30 - IF- 7" blow
 60 - IS- Weak surface blow , died in 23 Min.
 60 - FF- B.O.B. in 49 Min.
 90 - FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1561.05	92.45	Initial Hydro-static
1	15.45	91.88	Open To Flow (1)
31	85.38	105.35	Shut-In(1)
88	988.78	103.49	End Shut-In(1)
89	94.10	102.88	Open To Flow (2)
151	145.70	111.05	Shut-In(2)
242	961.99	110.83	End Shut-In(2)
242	1534.39	108.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	10%M, 90%W	0.91
93.00	20%M, 80%W	1.30

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc,
250 N. Water STE 300
Wichita KS, 67202 + 1216
ATTN: Paul Gunzelman

3-14s-19w Russell
Orth E #9
Job Ticket: 44663 **DST#: 1**
Test Start: 2011.11.05 @ 07:40:00

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: 88.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.80 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3200.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	10%M, 90%W	0.915
93.00	20%M, 80%W	1.305

Total Length: 279.00 ft Total Volume: 2.220 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Salinity: .44 @ 55 Degrees = 19000

Serial #: 8352

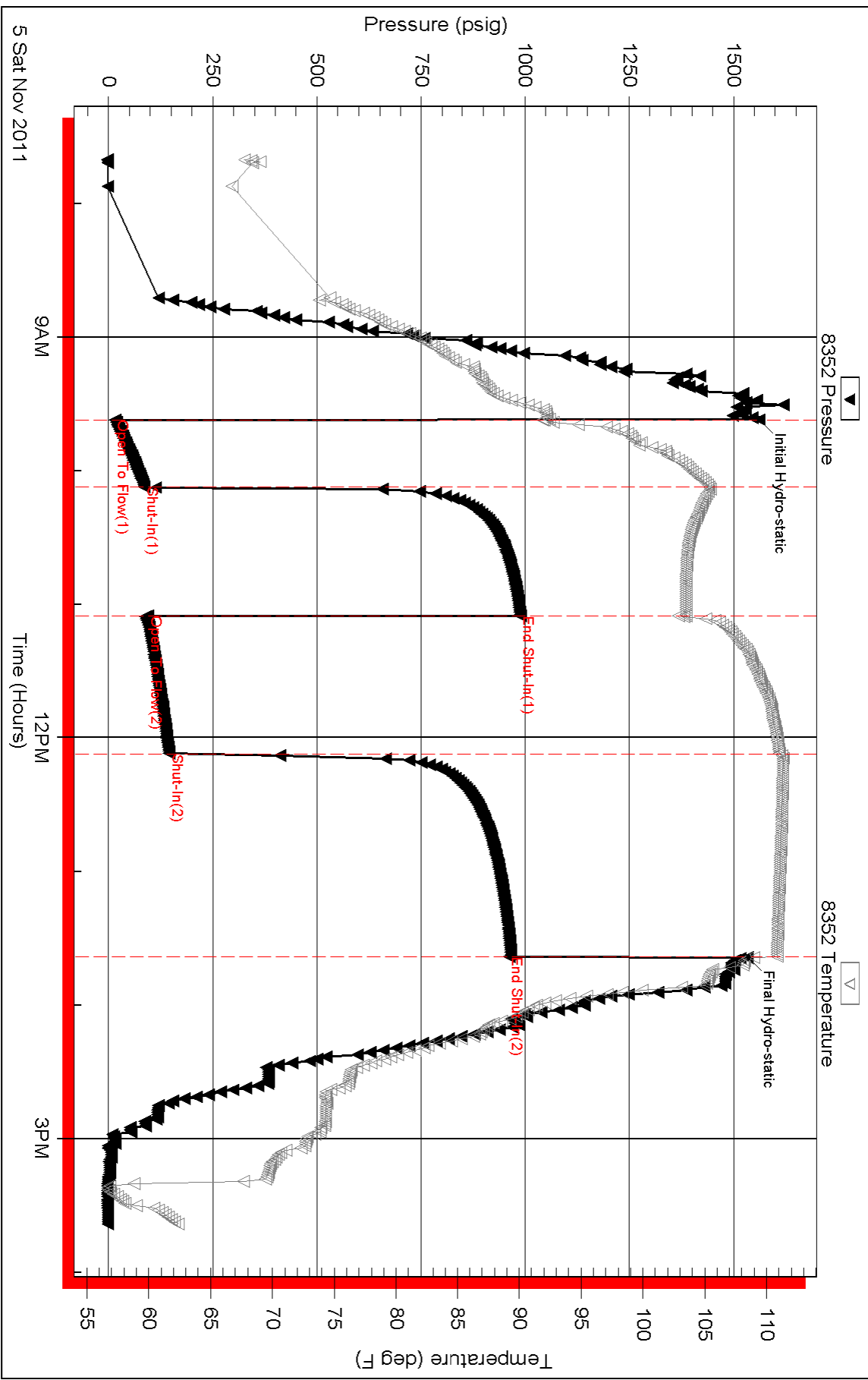
Inside

Murfin Drilling Co. Inc.

Orth E #9

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 44663

Printed: 2011.11.05 @ 21:45:21



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc,
 250 N. Water STE 300
 Wichita KS, 67202 + 1216
 ATTN: Paul Gunzelman

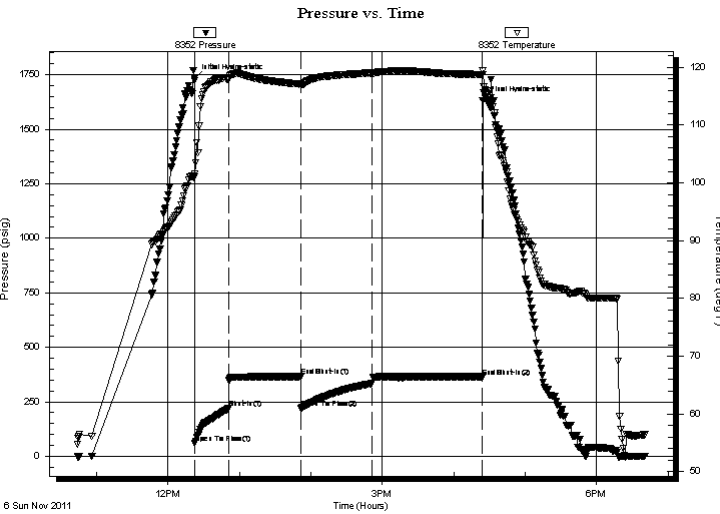
3-14s-19w Russell
Orth E #9
 Job Ticket: 44664 **DST#: 2**
 Test Start: 2011.11.06 @ 10:44:00

GENERAL INFORMATION:

Formation: **Toronto, LKC A-B**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 12:22:30
 Tester: Cody Bloedorn
 Time Test Ended: 18:40:50
 Unit No: 38
 Interval: **3431.00 ft (KB) To 3513.00 ft (KB) (TVD)**
 Reference Elevations: 2184.00 ft (KB)
 Total Depth: 3513.00 ft (KB) (TVD)
 2180.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 4.00 ft

Serial #: 8352 Inside
 Press @ Run Depth: 334.22 psig @ 3501.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.11.06 End Date: 2011.11.06 Last Calib.: 2011.11.06
 Start Time: 10:44:05 End Time: 18:40:50 Time On Btm: 2011.11.06 @ 12:22:20
 Time Off Btm: 2011.11.06 @ 16:24:09

TEST COMMENT: 30 - IF- B.O.B. in 9 Min
 60 - IS- Surface blow, died in 12 Min.
 60 - FF- B.O.B. in 14 Min.
 90 - FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1733.21	101.55	Initial Hydro-static
1	58.14	101.07	Open To Flow (1)
29	219.22	117.89	Shut-In(1)
89	365.82	117.06	End Shut-In(1)
90	221.99	117.00	Open To Flow (2)
149	334.22	118.98	Shut-In(2)
242	365.36	118.73	End Shut-In(2)
242	1629.88	119.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	WM, Oil scum, 40%W, 60%M	0.30
434.00	MW, Oil scum, 10%M, 90%W	4.96
107.00	WM, Oil scum, 10%W, 90%M	1.50
0.00	****Show of gas in all stands****	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

Murfin Drilling Co. Inc,
250 N. Water STE 300
Wichita KS, 67202 + 1216
ATTN: Paul Gunzelman

3-14s-19w Russell
Orth E #9
Job Ticket: 44664 **DST#: 2**
Test Start: 2011.11.06 @ 10:44:00

Mud and Cushion Information

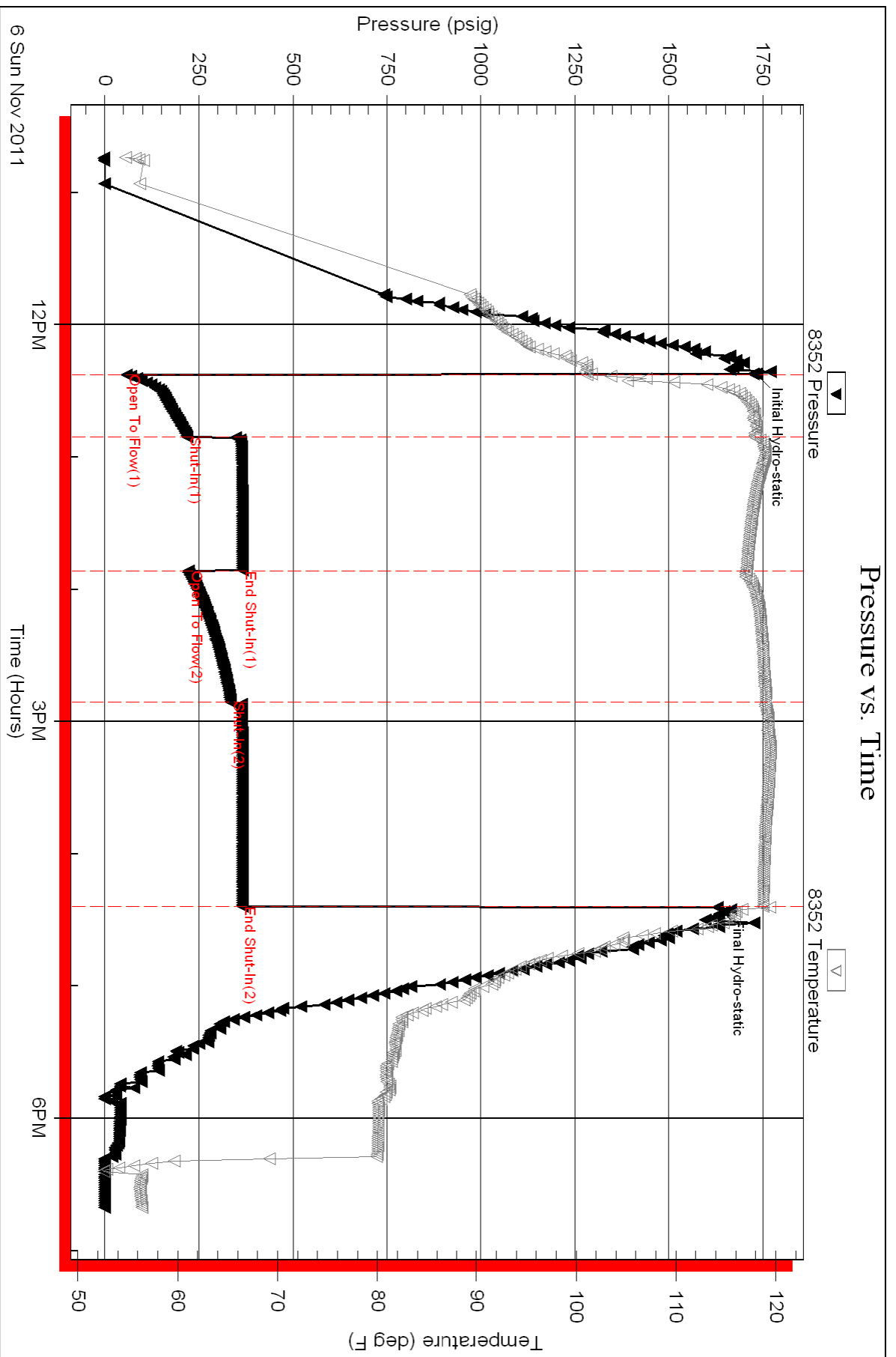
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	16000 ppm
Viscosity: 88.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3200.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	WM, Oil scum, 40%W, 60%M	0.305
434.00	MW, Oil scum, 10%M, 90%W	4.958
107.00	WM, Oil scum, 10%W, 90%M	1.501
0.00	****Show of gas in all stands****	0.000

Total Length: 603.00 ft Total Volume: 6.764 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Salinity: .65 @ 55 Degrees = 16000





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc,
 250 N. Water STE 300
 Wichita KS, 67202 + 1216
 ATTN: Paul Gunzelman

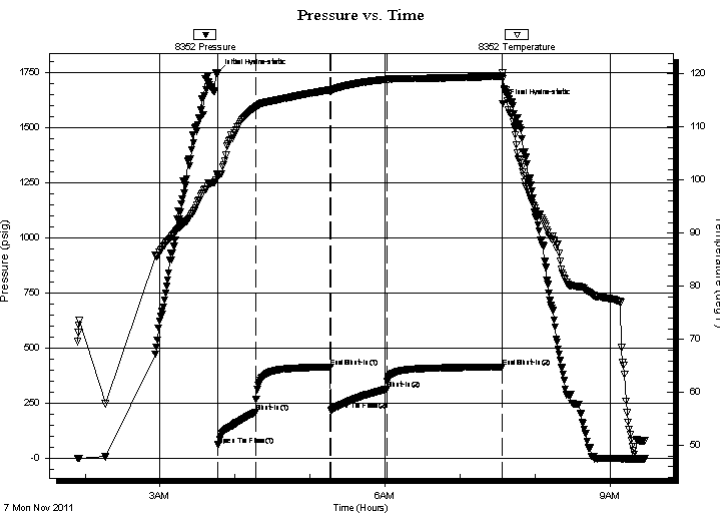
3-14s-19w Ellis
Orth E #9
 Job Ticket: 44665 **DST#: 3**
 Test Start: 2011.11.07 @ 01:54:00

GENERAL INFORMATION:

Formation: **LKC "D-G"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:46:20
 Time Test Ended: 09:27:50
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Cody Bloedorn
 Unit No: 39
 Interval: **3512.00 ft (KB) To 3573.00 ft (KB) (TVD)**
 Reference Elevations: 2184.00 ft (KB)
 Total Depth: 3573.00 ft (KB) (TVD) 2180.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 4.00 ft

Serial #: 8352 Inside
 Press @ Run Depth: 315.06 psig @ 3551.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.11.07 End Date: 2011.11.07 Last Calib.: 2011.11.07
 Start Time: 01:54:05 End Time: 09:27:50 Time On Btm: 2011.11.07 @ 03:46:10
 Time Off Btm: 2011.11.07 @ 07:34:09

TEST COMMENT: 30 - IF- B.O.B. in 5 Min.
 60 - IS- No blow back
 45 - FF- B.O.B. in 11 Min
 90 - FS- No blo back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1749.70	101.22	Initial Hydro-static
1	61.85	100.51	Open To Flow (1)
31	209.87	113.71	Shut-In(1)
90	415.30	116.96	End Shut-In(1)
91	218.47	116.88	Open To Flow (2)
136	315.06	118.94	Shut-In(2)
228	414.99	119.49	End Shut-In(2)
228	1610.92	120.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GV SOCM, 5%G, 5%O, 90%M	0.30
434.00	GWM, 10%G, 40%W, 50%M	4.96
93.00	WM, 20%W, 80%M	1.30

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc,
250 N. Water STE 300
Wichita KS, 67202 + 1216
ATTN: Paul Gunzelman

3-14s-19w Ellis
Orth E #9
Job Ticket: 44665 **DST#: 3**
Test Start: 2011.11.07 @ 01:54:00

Mud and Cushion Information

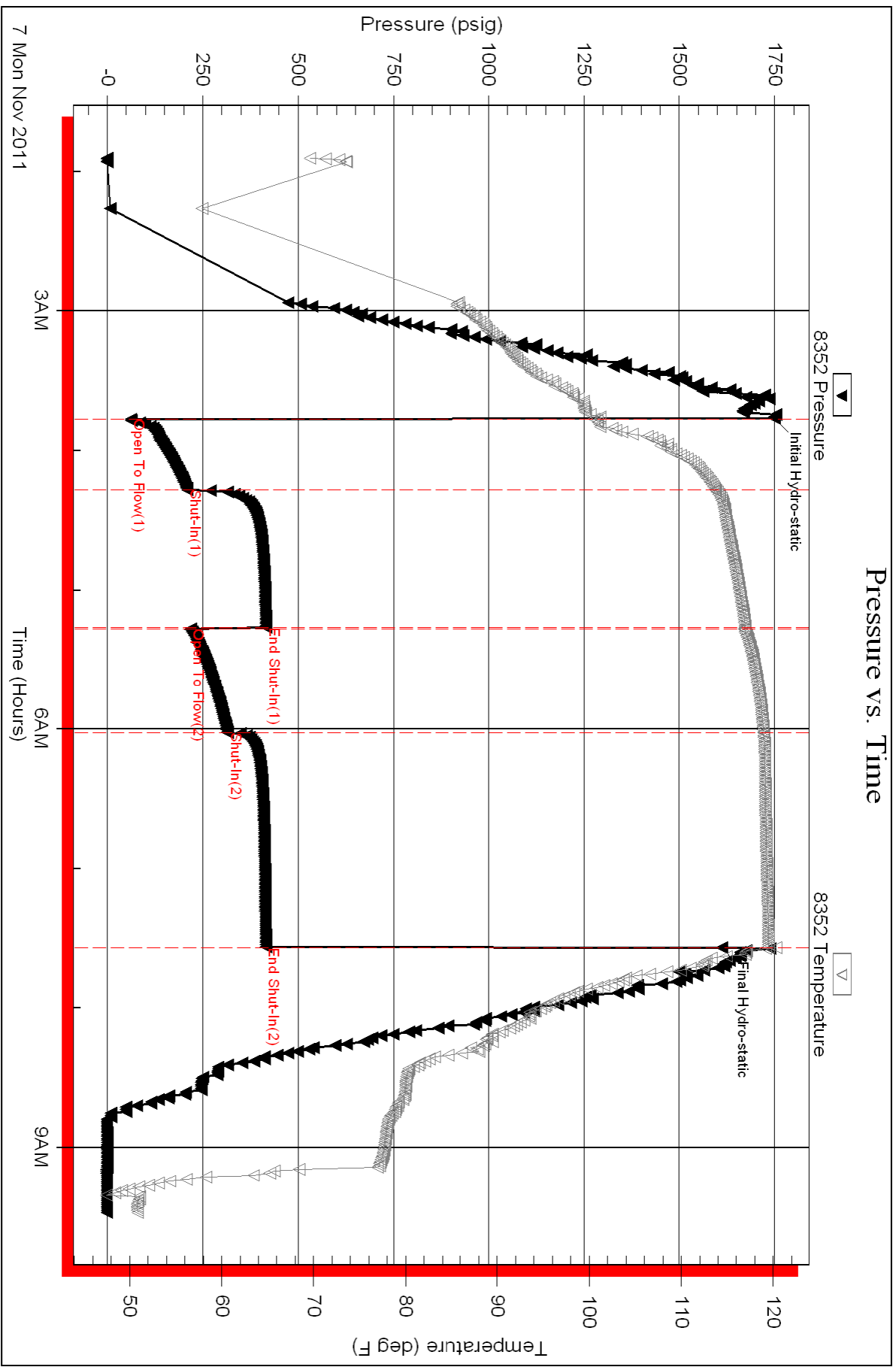
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	62000 ppm
Viscosity: 88.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3200.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	GVSOCM, 5%G, 5%O, 90%M	0.305
434.00	GWM, 10%G, 40%W, 50%M	4.958
93.00	WM, 20%W, 80%M	1.305

Total Length: 589.00 ft Total Volume: 6.568 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Salinity: .2 @ 57 Degrees = 62000





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc,
 250 N. Water STE 300
 Wichita KS, 67202 + 1216
 ATTN: Paul Gunzelman

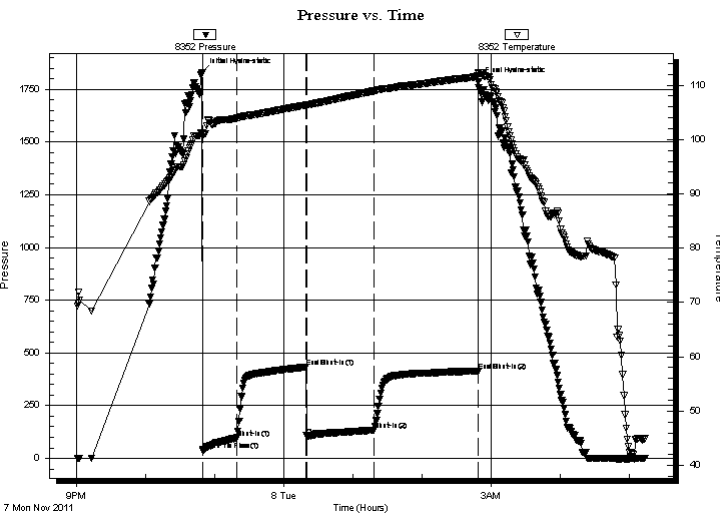
3-14s-19w Ellis
Orth E #9
 Job Ticket: 44666 **DST#: 4**
 Test Start: 2011.11.07 @ 21:01:00

GENERAL INFORMATION:

Formation: **LKC "H - J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:49:20
 Time Test Ended: 05:13:09
 Interval: **3596.00 ft (KB) To 3662.00 ft (KB) (TVD)**
 Total Depth: 3662.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Cody Bloedorn
 Unit No: 38
 Reference Elevations: 2184.00 ft (KB)
 2180.00 ft (CF)
 KB to GR/CF: 4.00 ft

Serial #: 8352 Inside
 Press @ Run Depth: 133.23 psig @ 3635.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.11.07 End Date: 2011.11.08 Last Calib.: 2011.11.08
 Start Time: 21:01:05 End Time: 05:13:10 Time On Btm: 2011.11.07 @ 22:49:10
 Time Off Btm: 2011.11.08 @ 02:48:50

TEST COMMENT: 30 - IF- 6 1/2" Blow
 60 - IS- No blow back
 60 - FF- B.O.B. in 55 Min
 90 - FS- Surface blow throughout



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1830.24	101.30	Initial Hydro-static
1	36.73	100.51	Open To Flow (1)
30	97.04	103.92	Shut-In(1)
91	433.00	106.35	End Shut-In(1)
91	107.03	106.14	Open To Flow (2)
150	133.23	108.95	Shut-In(2)
240	411.62	111.66	End Shut-In(2)
240	1786.63	112.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
169.00	GV SOCWM, 5%G, 5%O, 20%W, 70%M	0.83
62.00	GHOCM, 10%G, 40%M, 50%O	0.71
0.00	124' of G.I.P.	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

Murfin Drilling Co. Inc,
250 N. Water STE 300
Wichita KS, 67202 + 1216
ATTN: Paul Gunzelman

3-14s-19w Ellis
Orth E #9
Job Ticket: 44666 **DST#: 4**
Test Start: 2011.11.07 @ 21:01:00

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:	64000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
169.00	GVSOCWM, 5%G, 5%O, 20%W, 70%M	0.831
62.00	GHOCM, 10%G, 40%M, 50%O	0.715
0.00	124' of G.I.P.	0.000

Total Length: 231.00 ft Total Volume: 1.546 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Salinity = 64000

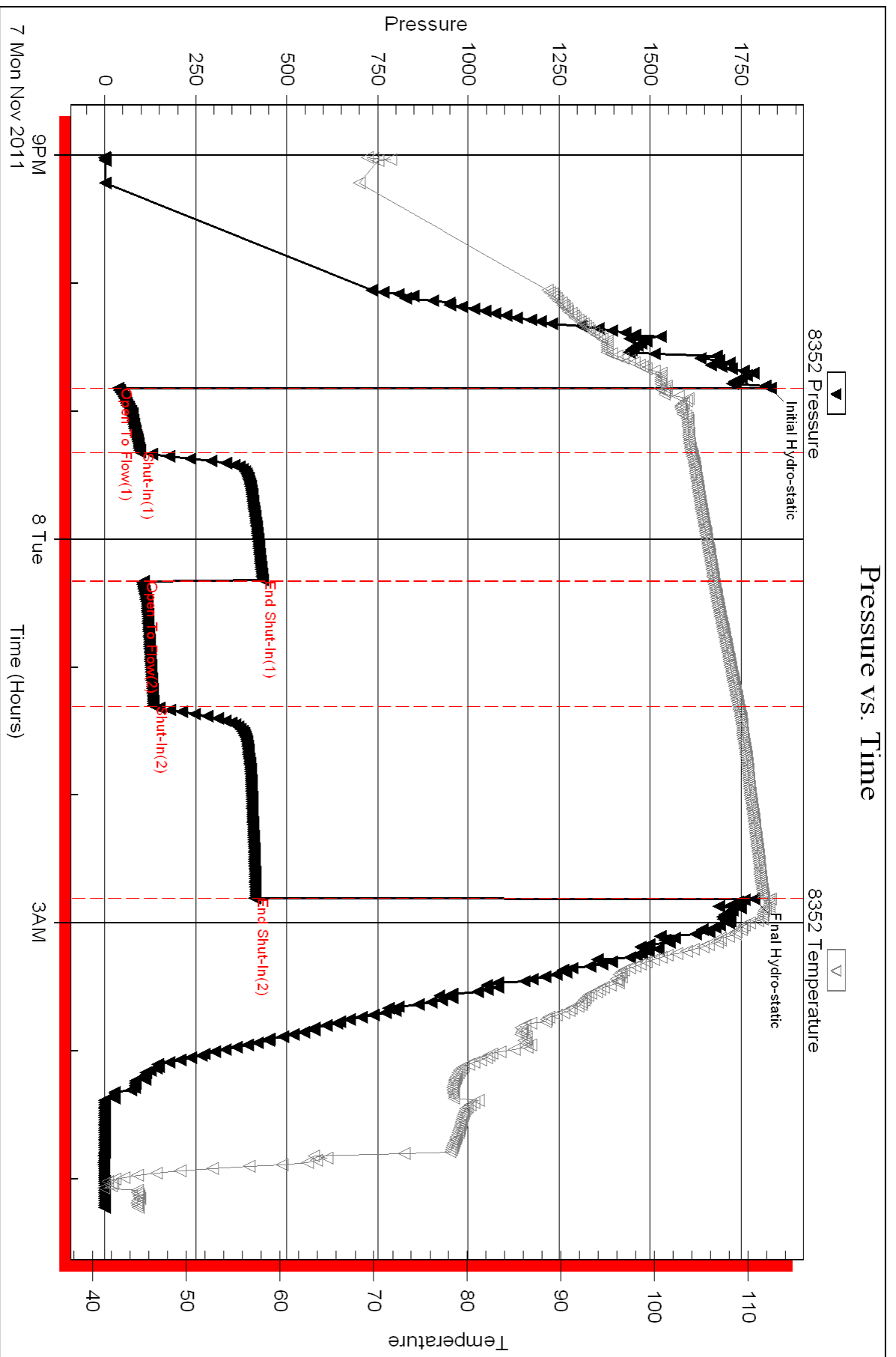
Serial #: 8352

Inside

Murfin Drilling Co. Inc.

Orth E #9

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 44666

Printed: 2011.11.09 @ 08:21:29



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc,
 250 N. Water STE 300
 Wichita KS, 67202 + 1216
 ATTN: Paul Gunzelman

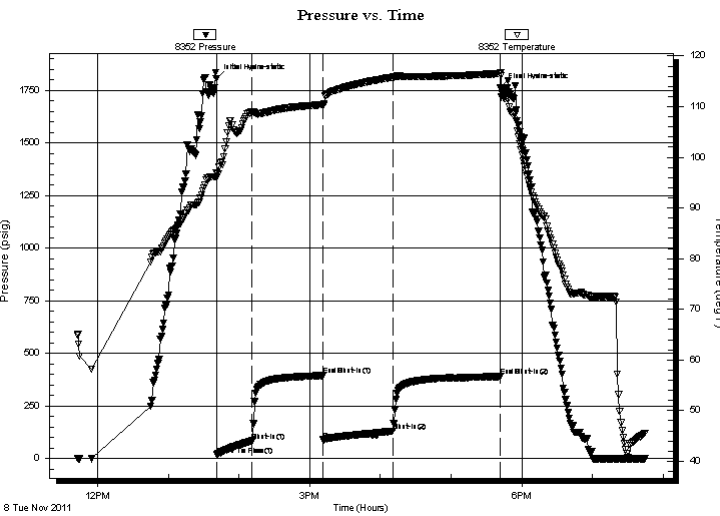
3-14s-19w Ellis
Orth E #9
 Job Ticket: 44667 **DST#: 5**
 Test Start: 2011.11.08 @ 11:43:00

GENERAL INFORMATION:

Formation: **LKC "K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:41:00
 Time Test Ended: 19:45:00
 Interval: **3660.00 ft (KB) To 3685.00 ft (KB) (TVD)**
 Total Depth: 3685.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Cody Bloedorn
 Unit No: 39
 Reference Elevations: 2184.00 ft (KB)
 2180.00 ft (CF)
 KB to GR/CF: 4.00 ft

Serial #: 8352 Inside
 Press @ Run Depth: 129.46 psig @ 3661.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.11.08 End Date: 2011.11.08 Last Calib.: 2011.11.08
 Start Time: 11:43:05 End Time: 19:44:59 Time On Btm: 2011.11.08 @ 13:40:50
 Time Off Btm: 2011.11.08 @ 17:42:00

TEST COMMENT: 30 - IF- 7" Blow
 60 - IS- Surface blow , died in 23 Min.
 60 - FF- 5" blow
 90 - FS- Surface blow , died in 72 Min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1805.27	96.81	Initial Hydro-static
1	16.77	96.07	Open To Flow (1)
31	83.38	108.95	Shut-In(1)
91	393.90	110.38	End Shut-In(1)
91	88.75	110.21	Open To Flow (2)
150	129.46	115.77	Shut-In(2)
241	389.57	116.50	End Shut-In(2)
242	1762.39	116.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	MW, Oil scum, 30%M, 70%W	0.30
186.00	GVSOCMW, 5%G, 5%O, 20%M, 70%W	1.48
31.00	GO, 20%G, 80%O	0.43

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co. Inc,
250 N. Water STE 300
Wichita KS, 67202 + 1216
ATTN: Paul Gunzelman

3-14s-19w Ellis
Orth E #9
Job Ticket: 44667 **DST#: 5**
Test Start: 2011.11.08 @ 11:43:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 31 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 68000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.60 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 9800.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	MW, Oil scum, 30%M, 70%W	0.305
186.00	GVSOCMW, 5%G, 5%O, 20%M, 70%W	1.480
31.00	GO, 20%G, 80%O	0.435

Total Length: 279.00 ft Total Volume: 2.220 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Salinity: 68000 Gravity: 31

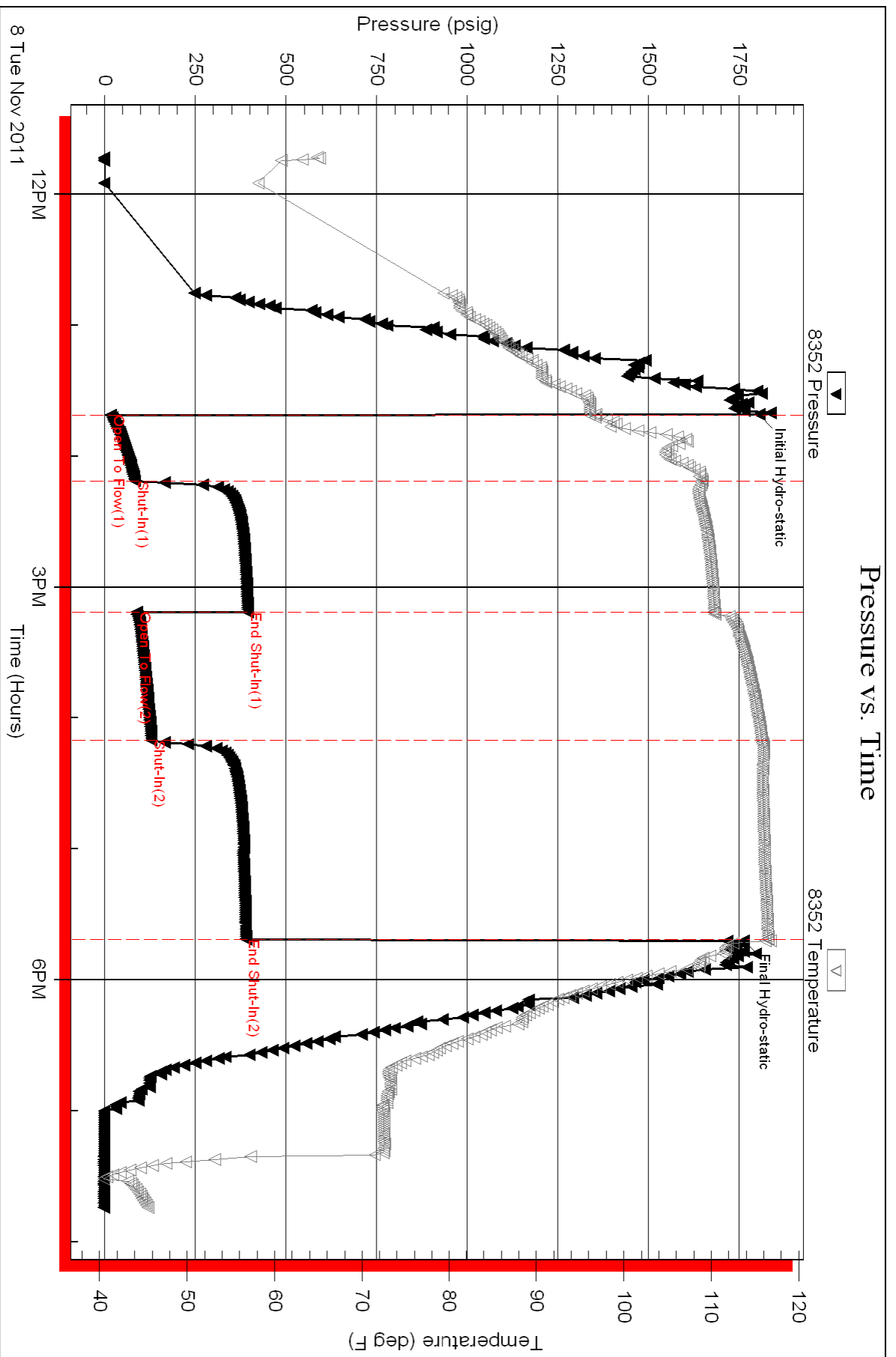
Serial #: 8352

Inside

Murfin Drilling Co. Inc.

Orth E #9

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 44667

Printed: 2011.11.09 @ 08:19:47



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc,
 250 N. Water STE 300
 Wichita KS, 67202 + 1216
 ATTN: Paul Gunzelman

3-14s-19w Ellis
Orth E #9
 Job Ticket: 44269 **DST#: 6**
 Test Start: 2011.11.09 @ 08:53:05

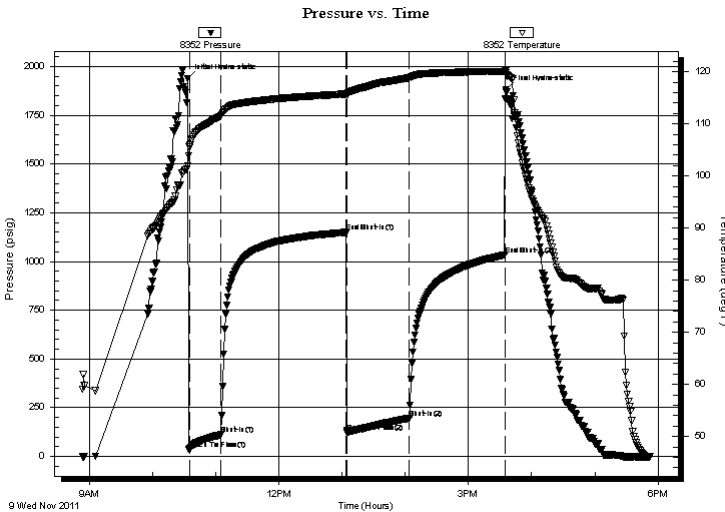
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:34:30
 Time Test Ended: 17:52:30
 Interval: **3820.00 ft (KB) To 3833.00 ft (KB) (TVD)**
 Total Depth: 3833.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Cody Bloedorn
 Unit No: 39
 Reference Elevations: 2184.00 ft (KB)
 2180.00 ft (CF)
 KB to GR/CF: 4.00 ft

Serial #: 8352 Inside
 Press @ Run Depth: 196.36 psig @ 3821.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.11.09 End Date: 2011.11.09 Last Calib.: 2011.11.09
 Start Time: 08:53:05 End Time: 17:52:30 Time On Btm: 2011.11.09 @ 10:33:10
 Time Off Btm: 2011.11.09 @ 15:35:39

TEST COMMENT: IF:(30min) BOB, 12 min
 IS:(120min) Intermittent Surface Blow throughout shut in
 FF:(60min) BOB, 21 min
 FS:(90min) Half inch return blow throughout shut in

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1936.59	101.85	Initial Hydro-static
2	35.47	105.50	Open To Flow (1)
32	111.70	111.50	Shut-In(1)
151	1149.32	115.72	End Shut-In(1)
152	125.90	115.77	Open To Flow (2)
211	196.36	118.81	Shut-In(2)
302	1033.35	120.03	End Shut-In(2)
303	1880.28	119.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM g=10% o=30% m=60%	0.30
60.00	GMCO g=10% m=40% o=50%	0.30
375.00	CGO g=20% o=80%	4.66
5.00	GMCO g=40% m=10% o=50%	0.07
0.00	GIP= 180ft	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

Murfin Drilling Co. Inc,
250 N. Water STE 300
Wichita KS, 67202 + 1216
ATTN: Paul Gunzelman

3-14s-19w Ellis
Orth E #9
Job Ticket: 44269 **DST#: 6**
Test Start: 2011.11.09 @ 08:53:05

Mud and Cushion Information

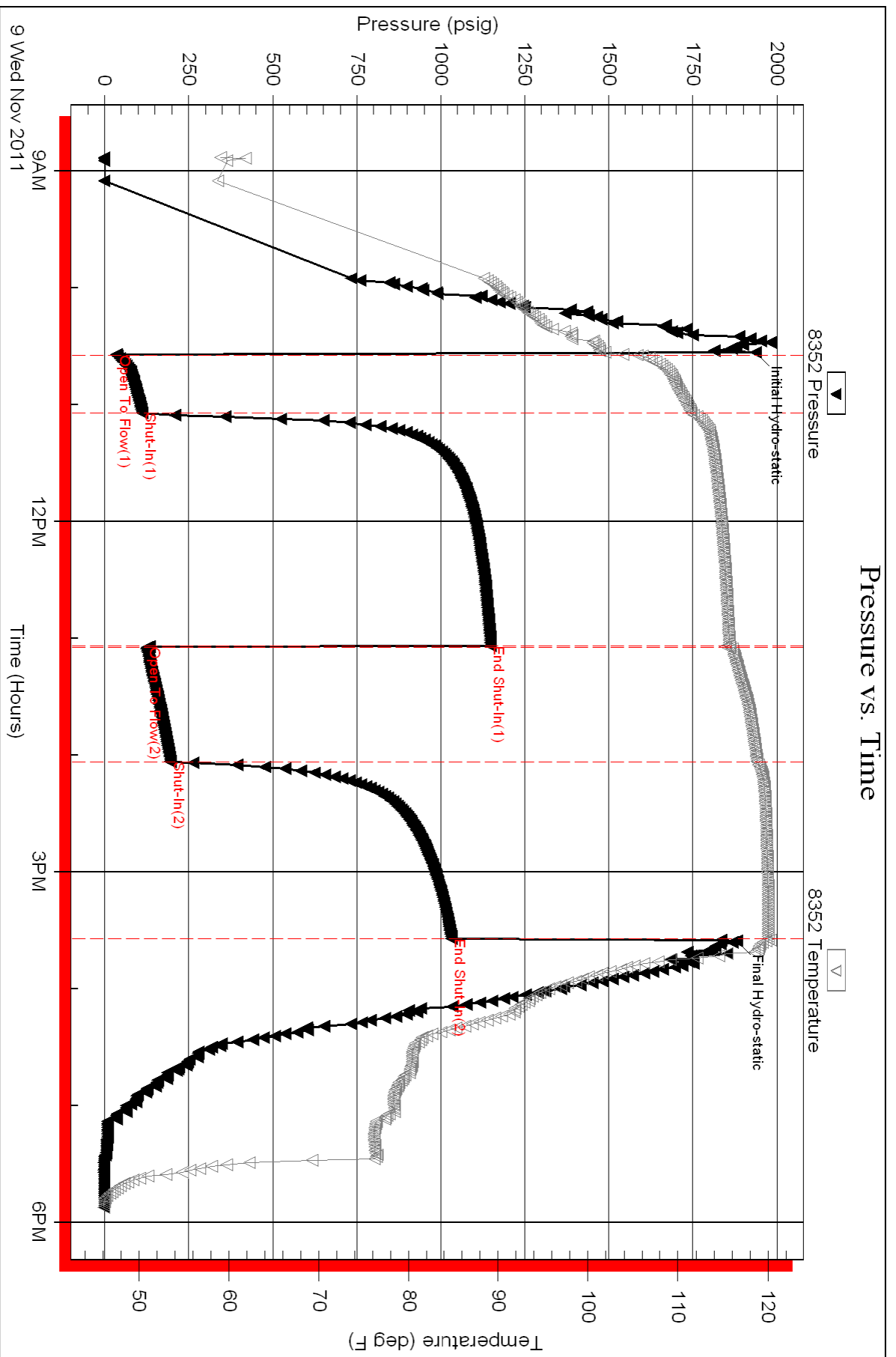
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 9400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOCM g=10% o=30% m=60%	0.295
60.00	GMCO g=10% m=40% o=50%	0.295
375.00	CGO g=20% o=80%	4.659
5.00	GMCO g=40% m=10% o=50%	0.070
0.00	GIP= 180ft	0.000

Total Length: 500.00 ft Total Volume: 5.319 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co. Inc,
 250 N. Water STE 300
 Wichita KS, 67202 + 1216
 ATTN: Paul Gunzelman

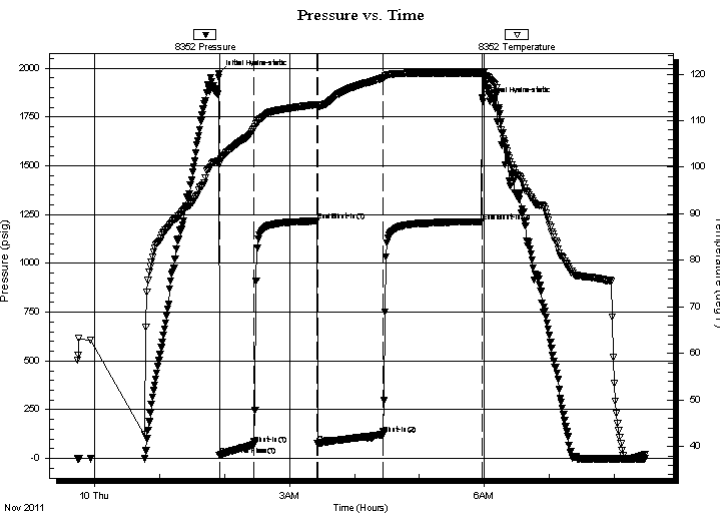
3-14s-19w Ellis
Orth E #9
 Job Ticket: 44270 **DST#: 7**
 Test Start: 2011.11.09 @ 23:44:05

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 01:55:00 Tester: Andy Carreira
 Time Test Ended: 08:28:50 Unit No: 39
 Interval: **3833.00 ft (KB) To 3843.00 ft (KB) (TVD)** Reference Elevations: 2184.00 ft (KB)
 Total Depth: 3843.00 ft (KB) (TVD) 2180.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 4.00 ft

Serial #: 8352 Inside
 Press @ Run Depth: 122.05 psig @ 3834.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.11.09 End Date: 2011.11.10 Last Calib.: 2011.11.10
 Start Time: 23:44:05 End Time: 08:28:50 Time On Btm: 2011.11.10 @ 01:54:30
 Time Off Btm: 2011.11.10 @ 05:58:39

TEST COMMENT: IF:(30min) Slow build to 7 inches
 IS:(60min) No Return
 FF:(60min) Built to 8 inches
 FS:(90min) 1/4 inch blow 25 min. into shut in. Blew throughout.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1969.27	101.46	Initial Hydro-static
1	15.92	100.76	Open To Flow (1)
33	70.82	108.18	Shut-In(1)
91	1216.26	113.46	End Shut-In(1)
92	75.69	113.08	Open To Flow (2)
152	122.05	119.14	Shut-In(2)
243	1213.39	120.24	End Shut-In(2)
245	1827.05	120.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCWM g=5% o=5% w=40% m=50%	0.30
60.00	GOCMW g=10% o=5% m=15% w=70%	0.30
125.00	GCO g=20% o=80%	1.15
5.00	GMCO g=30% m=20% o=50%	0.07
0.00	GIP= 60ft	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

Murfin Drilling Co. Inc,
250 N. Water STE 300
Wichita KS, 67202 + 1216
ATTN: Paul Gunzelman

3-14s-19w Ellis
Orth E #9
Job Ticket: 44270 **DST#: 7**
Test Start: 2011.11.09 @ 23:44:05

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:	17000 ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.80 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 9400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

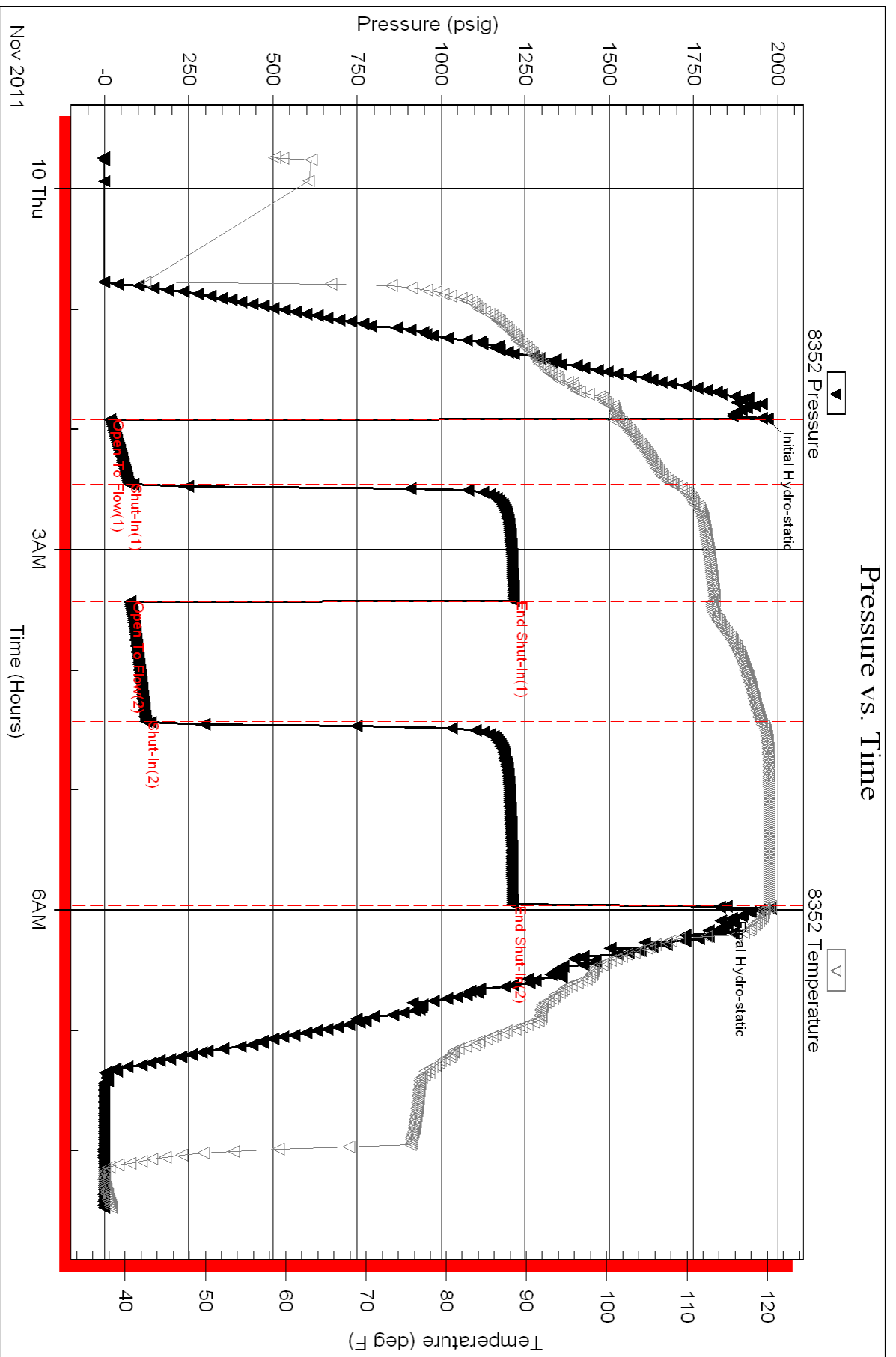
Length ft	Description	Volume bbl
60.00	GOCWM g=5% o=5% w =40% m=50%	0.295
60.00	GOCMW g=10% o=5% m=15% w =70%	0.295
125.00	GCO g=20% o=80%	1.152
5.00	GMCO g=30% m=20% o=50%	0.070
0.00	GIP= 60ft	0.000

Total Length: 250.00 ft Total Volume: 1.812 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Resistivity- .66@ 40deg=17000



Acctg —

cc: WFP
cc: JPI
Scanline



QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665
Phone: 785-324-1041 fax: 785-483-1087
Email: cementing@ruraltel.net

Date: 11/6/2011
Invoice # 509

P.O.#:
Due Date: 12/6/2011
Division: Russell

Invoice

USED FOR Ic 103
APPROVED [Signature]

Contact:
Murfin Drilling Company
Address/Job Location:
Murfin Drilling Company
P.O. Box 288
Russell Ks 67665

Reference:
ORTH E 9

Description of Work:
SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 1,020.55	No				
Common-Class A	150	\$ 2,045.29	Yes				
Bulk Truck Matl-Material Service Charge	158	\$ 353.18	No				
Calcium Chloride	5	\$ 210.45	Yes				
Pump Truck Mileage-Job to Nearest Camp	8	\$ 89.23	No				
Premium Gel (Bentonite)	3	\$ 54.59	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	8	\$ 52.22	No				

Invoice Terms:

Net 30

SubTotal: \$ 3,825.50
Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (573.83)

SubTotal for Taxable Items:	\$ 1,963.78
SubTotal for Non-Taxable Items:	\$ 1,287.90
Total:	\$ 3,251.68
Tax:	\$ 123.72

6.30% Ellis County Sales Tax

Thank You For Your Business!

Amount Due: \$ 3,375.40
Applied Payments:
Balance Due: \$ 3,375.40

Past Due Invoices are subject to a service charge (annual rate of 24%)
This does not include any applicable taxes unless it is listed.
©2008-2013 Straker Investments, LLC. All rights reserved.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 509

Date	11/1/11	Sec.	3	Twp.	14	Range	19	County	Ellis	State	KS	On Location		Finish	9:15 PM	
Lease	Orth "E"			Well No.	9		Location Yocemento, 3/2 S, E into									
Contractor	Murfin Drilling Rig #8							Owner To Quality Oilwell Cementing, Inc.								
Type Job	Surface							You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size	12 1/4"			T.D.	220'		Charge To Murfin Drilling Co. Inc.									
Csg.	8 5/8"			Depth	220'		Street									
Tbg. Size				Depth			City									
Tool				Depth			State									
Cement Left in Csg.	20'			Shoe Joint			The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line				Displace	13 Bbls.		Cement Amount Ordered 150 x Com 3% (C. 2% gel)									

EQUIPMENT

Pumptrk	9	No.	Cementer	Paul	Helper		Common	150
Bulktrk	14	No.	Driver	Matt	Driver		Poz. Mix	
Bulktrk	PV	No.	Driver	Michael	Driver		Gel.	3

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
Est Circ.	Sand
Mix 150 x	Handling 150
Displace	Mileage
Compt Circulated	

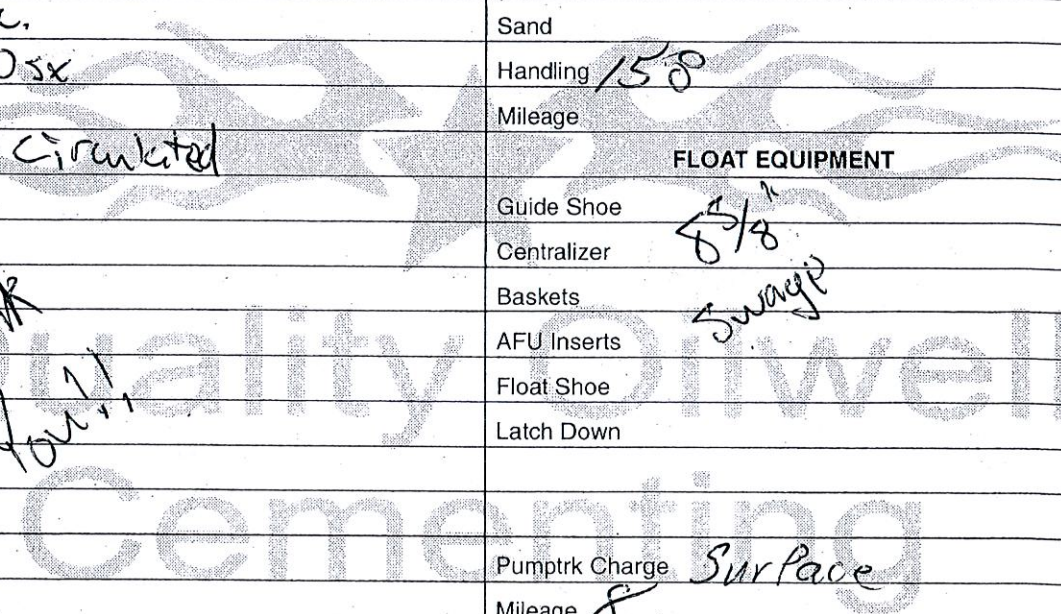
FLOAT EQUIPMENT

Guide Shoe	8 1/8"
Centralizer	Swage
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge	Surface
Mileage	8

Signature	<i>Rodney Fan</i>	Tax	
		Discount	
		Total Charge	

Thank You!!!



Accty -
rc: w l
cc: p l
Scan Lin



QUALITY OILWELL CEMENTING, INC.
PO Box 32 - 740 West Wichita Ave, Russell KS 67665
Phone: 785-324-1041 fax: 785-483-1087
Email: cementing@ruraltel.net

Date: 11/26/2011
Invoice # 534
P.O.#:
Due Date: 12/26/2011
Division: Russell

Invoice

USED FOR Fe 103
APPROVED LR R

Contact:
Murfin Drilling Company
Address/Job Location:
Murfin Drilling Company
P.O. Box 288
Russell Ks 67665

Reference:
ORTH E 9

Description of Work:
PORT COLLAR

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 963.85	No				
non, MetsoBeads, Plater, Gel, FloSeal, Calcium)	200	\$ 4,036.44	Yes				
Bulk Truck Matl-Material Service Charge	250	\$ 527.78	No				
Flo Seal	62	\$ 130.89	Yes				
Pump Truck Mileage-Job to Nearest Camp	8	\$ 84.28	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	8	\$ 49.32	No				

Invoice Terms:

Net 30

SubTotal: \$ 5,792.55
Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (868.88)

SubTotal for Taxable Items: \$ 3,542.23
SubTotal for Non-Taxable Items: \$ 1,381.44
Total: \$ 4,923.67
Tax: \$ 223.16

6.30% Ellis County Sales Tax

Thank You For Your Business!

Amount Due: \$ 5,146.83
Applied Payments:
Balance Due: \$ 5,146.83

Past Due Invoices are subject to a service charge (annual rate of 24%)
This does not include any applicable taxes unless it is listed.
©2008-2013 Straker Investments, LLC. All rights reserved.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 534

Date	11/22/11	Sec.	3	Twp.	14	Range	19	County	Ellis	State	KS	On Location		Finish	1:30 PM
------	----------	------	---	------	----	-------	----	--------	-------	-------	----	-------------	--	--------	---------

Lease	Orth "E"	Well No.	9	Location	Nocemento + Golf Course Rd, 1/2 N, E into										
-------	----------	----------	---	----------	---	--	--	--	--	--	--	--	--	--	--

Contractor	Murfin	Owner													
------------	--------	-------	--	--	--	--	--	--	--	--	--	--	--	--	--

Type Job	Port Collar	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.													
----------	-------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Hole Size		T.D.													
-----------	--	------	--	--	--	--	--	--	--	--	--	--	--	--	--

Csg.	5 1/2"	Depth													
------	--------	-------	--	--	--	--	--	--	--	--	--	--	--	--	--

Tbg. Size	2 3/8"	Depth													
-----------	--------	-------	--	--	--	--	--	--	--	--	--	--	--	--	--

Tool	Expert	Depth	1507'	Charge To	Murfin Drilling Co										
------	--------	-------	-------	-----------	--------------------	--	--	--	--	--	--	--	--	--	--

Cement Left in Csg.		Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.												
---------------------	--	------------	--	--	--	--	--	--	--	--	--	--	--	--	--

Meas Line		Displace	Cement Amount Ordered 250 sq ft - MDC 9# Floate												
-----------	--	----------	---	--	--	--	--	--	--	--	--	--	--	--	--

EQUIPMENT				used 200
Pumptrk	9	No.	Cementer	Paul
			Helper	
Bulktrk	13	No.	Driver	Cisco
			Driver	
Bulktrk	20	No.	Driver	Doug
			Driver	

JOB SERVICES & REMARKS				Common 200
------------------------	--	--	--	------------

Remarks:	Hulls			
----------	-------	--	--	--

Rat Hole:	Salt			
-----------	------	--	--	--

Mouse Hole:	Flowseal 62#			
-------------	--------------	--	--	--

Centralizers:	Kol-Seal			
---------------	----------	--	--	--

Baskets:	Mud CLR 48			
----------	------------	--	--	--

D/V or Port Collar	1507'	CFL-117 or CD110 CAF 38		
--------------------	-------	-------------------------	--	--

Pressure to 900 PSI	Sand			
---------------------	------	--	--	--

Open Tool	Handling 250			
-----------	--------------	--	--	--

Mix 200sq ft to level cement	Mileage			
------------------------------	---------	--	--	--

Close Tool	FLOAT EQUIPMENT			
------------	-----------------	--	--	--

Pressure to 900 PSI	Guide Shoe			
---------------------	------------	--	--	--

Run 5 Hrs. Wash Clean	Centralizer			
-----------------------	-------------	--	--	--

	Baskets			
--	---------	--	--	--

	AFU Inserts			
--	-------------	--	--	--

	Float Shoe			
--	------------	--	--	--

	Latch Down			
--	------------	--	--	--

	Pumptrk Charge port collar			
--	----------------------------	--	--	--

	Mileage 8			
--	-----------	--	--	--

	Tax			
--	-----	--	--	--

	Discount			
--	----------	--	--	--

	Total Charge			
--	--------------	--	--	--

X Signature *Mark Roller*



PAGE 1 of 1	CUST NO 1002852	INVOICE DATE 11/17/2011
INVOICE NUMBER 1718 - 90755637		

612

Pratt (620) 672-1201
 B MURFIN DRILLING
 I PO Box: 288
 L RUSSELL
 L KS US 67665
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Orth E 9
 O LOCATION
 B COUNTY Ellis
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40396988	20920		Net - 30 days	12/17/2011

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 11/11/2011 to 11/11/2011</i>				
0040396988				
171805266A Cement-New Well Casing/Pi 11/11/2011				
5 1/2" Longstring				
AA2 Cement	165.00	EA	11.90	1,963.50 T
60/40 POZ	30.00	EA	8.40	252.00 T
Salt (Fine)	926.00	EA	0.35	324.10 T
Cement Friction Reducer	47.00	EA	4.20	197.40 T
Cement Gel	312.00	EA	0.18	54.60 T
Mud Flush	500.00	EA	0.60	301.00 T
5 1/2" Port Collar	1.00	EA	2,450.00	2,450.00
Latch Down Plug & Baffle 5 1/2" (Blue)	1.00	EA	280.00	280.00
Auto Fill Float Shoe 5 1/2" (Blue)	1.00	EA	252.00	252.00
Turbolizer 5 1/2" (Blue)	10.00	EA	77.00	770.00
5 1/2" Basket (Blue)	1.00	EA	203.00	203.00
Cement Scratchers Cable Type 5 1/2"	15.00	EA	52.50	787.50
Unit Mileage Charge-Pickups, Vans & Cars	100.00	HR	2.98	297.50
Heavy Equipment Mileage	200.00	MI	4.90	980.00
Proppant and Bulk Delivery Charges	910.00	MI	1.12	1,019.20
Depth Charge; 3001-4000'	1.00	HR	1,512.00	1,512.00
Blending & Mixing Service Charge	195.00	MI	0.98	191.10
Plug Container Utilization Charge	1.00	EA	175.00	175.00
Supervisor	1.00	HR	122.50	122.50

USED FOR IC 103
 APPROVED K R

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	12,132.40
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	194.83
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	12,327.23
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

Customer <i>Murfin Drilling Co.</i>	Lease No.	Date <i>11-11-11</i>
Lease <i>Orth</i>	Well # <i>#9</i>	
Field Order # <i>05267A</i>	Station <i>Pratt KS</i>	Casing " <i>5 1/2</i>
Type Job <i>5 1/2" Long String</i>	Formation <i>CNW</i>	Depth <i>3935 TD - LTO 3940</i>
		County <i>Ellis</i>
		State <i>KANS.</i>
		Legal Description <i>3-14-19</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size"	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5 1/2</i>				<i>12-BBI MUD</i>	<i>Flush</i>			
Depth <i>3930</i>	Depth	From	To	Pre Pad <i>165 SKS AA2</i>	Max <i>@ 15#</i>			5 Min.
Volume <i>73</i>	Volume	From	To	Pad <i>30 SKS 60/40</i>	Min			10 Min.
Max Press <i>1500#</i>	Max Press	From	To	Frac	Avg			15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth <i>3909'</i>	Packer Depth	From	To	Flush <i>Disp H2O</i>	Gas Volume			Total Load

Customer Representative <i>Mark Robbin</i>	Station Manager <i>Scotty</i>	Treater <i>Allen</i>
Service Units <i>28443 33708 20920</i>	<i>19831 19862</i>	
Driver Names <i>Allen Joe Malsen Dale Phye</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>3:30 AM</i>					<i>on hoc. Discuss Safety Setup, Plan Job Rig Laying down Drill Pipe.</i>
<i>5:50</i>					<i>Start 5 1/2" casing 115.5'</i>
					<i>Shoe It. 20.85 w/ Antifoil</i>
					<i>Float Shoe + L.D. Baffle in collar</i>
					<i>Cent-1-3-5-7-9-11-13-15-17-57</i>
					<i>Basket Pin end 58' Portcollar 58'</i>
					<i>@ 1505'</i>
					<i>Tag Bottom</i>
<i>7:55</i>					<i>Cir w/ Rig + Recp. casing.</i>
<i>9:00</i>	<i>300#</i>		<i>5</i>	<i>5</i>	<i>Pump 5 Bbls H2O spacer</i>
			<i>12</i>	<i>5</i>	<i>Pump 12 Bbls mud flush</i>
			<i>5</i>	<i>5</i>	<i>Pump 5 Bbls H2O spacer</i>
				<i>5</i>	<i>Mix + Pump 165 SKS AA2 @ 15#</i>
			<i>43</i>		<i>Finish mix, washout Pump Line</i>
<i>9:18</i>				<i>6</i>	<i>Drop L.D. Plug, Start Disp.</i>
	<i>500#</i>			<i>5</i>	<i>Caught Lift PSI w/ 62 Bbl out</i>
<i>9:30</i>	<i>1500#</i>		<i>93</i>	<i>4</i>	<i>Plug down</i>
	<i>0#</i>				<i>Release PSI - OK</i>
			<i>7</i>		<i>Plug Rat Hole w/ 30 SKS 60/40 Poz</i>
					<i>Washup + Rackup Equip. Allen Joe, Dale</i>
<i>10:30</i>					<i>Job complete thanks</i>



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 05266 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>11-11-11</u> DISTRICT <u>KANSAS</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <u>Murfin Drilling Co. Inc</u>		LEASE <u>Orth E # 9</u> WELL NO.:							
ADDRESS		COUNTY <u>Ellis</u> 3-14-19 STATE <u>KANSAS</u>							
CITY STATE		SERVICE CREW <u>Allen, Joe, Dale</u>							
AUTHORIZED BY		JOB TYPE: <u>5 1/2" Loss String C.M.W.</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<u>28443 P.U.</u>	<u>1</u>					<u>11-10-11</u>	<u>11-10-11</u>	<u>AM</u>	<u>1030</u>
<u>33708-20920</u>	<u>1</u>					ARRIVED AT JOB	<u>11-11-11</u>	<u>AM</u>	<u>330</u>
19831-19862						START OPERATION	<u>11-11-11</u>	<u>AM</u>	<u>900</u>
<u>19831-19862</u>	<u>1</u>					FINISH OPERATION	<u>11-11-11</u>	<u>AM</u>	<u>1000</u>
						RELEASED	<u>11-11-11</u>	<u>AM</u>	<u>1030</u>
						MILES FROM STATION TO WELL			<u>100-M.I.</u>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AAA cement	SK	165		\$ 2806.00
CP103	60/40 P02	SK	30		\$ 360.00
CC111	SALT FINE	lb	926		\$ 463.00
CC112	Cement Friction Reducer	lb	47		\$ 282.00
CC200	Cement Gel	lb	312		\$ 78.00
CF461	5 1/2" Port Collar	EA	1	3500	\$ 3500.00
CF607	Latch Down Plug Baffle 5 1/2" Blue	EA	1		\$ 400.00
CF1251	Auto Fill Float Shoe 5 1/2" Blue	EA	1		\$ 360.00
CF1651	Turbolizer 5 1/2" Blue	EA	10		\$ 1100.00
CF1901	5 1/2" Basket Blue	EA	1		\$ 290.00
CF2001	Cement Scratchers cable type 5 1/2"	EA	15		\$ 1125.00
CC151	Mud Flush	gal	500		\$ 430.00
E100	Unit mileage charge pickup	MI	100	\$425.00	\$ 42500.00
E101	Heavy Equip mileage	MI	200		\$ 1400.00
F113	Build Delivery charge	TM	990	\$1456.00	\$ 144144.00
CF204	Depth charge 3001-4000'	4-hr	1		\$ 2060.00
CF340	Blending-mixing service chg.	SK	19.5		\$ 273.00
CF504	Plug container utilization chg.	Job	1		\$ 250.00
S003	Service Supervisor First Shift outloc	EA	1		\$ 175.00
SUB TOTAL					
DLS					\$ 17,132.40

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE Joe Weach THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY Mark Roller
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 05266 A

DATE _____ TICKET NO. _____

DATE OF JOB: 11-11-11		DISTRICT: Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER: [Handwritten]		LEASE: 0111.2.09		WELL NO.:						
ADDRESS:		COUNTY: Ellipton		STATE: Kansas						
CITY:		STATE:		SERVICE CREW: [Handwritten]						
AUTHORIZED BY:		JOB TYPE: [Handwritten]								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	11-11-11			10:30
[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	11-11-11			9:00
[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	11-11-11			10:00
[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]	11-11-11			10:30
						MILES FROM STATION TO WELL: 100-41.1				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP102	Red Cement	SK	165		\$ 2806.00
CP103	100/40 Poz	SK	30		\$ 360.00
CP111	Salt Fine	LB	726		\$ 463.00
CP112	Cement F. [Handwritten]	LB	47		\$ 282.00
CP200	Cement Gel	LB	312		\$ 78.00
CP411	5/8" Part Cutter	EA	1	3500	\$ 3600.00
CP412	1" Patch [Handwritten]	EA	1		\$ 400.00
CP113	[Handwritten]	EA	1		\$ 360.00
CP114	[Handwritten]	EA	10		\$ 1100.00
CP115	[Handwritten]	EA	1		\$ 290.00
CP116	[Handwritten]	EA	15		\$ 1125.00
CP117	[Handwritten]	gal	500		\$ 430.00
CP118	[Handwritten]	hr	100	425	\$ 42500.00
CP119	[Handwritten]	hr	200		\$ 14000.00
CP120	[Handwritten]	hr	170	181456	\$ 30847.52
CP121	[Handwritten]	hr	1		\$ 2000.00
CP122	[Handwritten]	SK	115		\$ 273.00
CP123	[Handwritten]	SK	1		\$ 250.00
CP124	[Handwritten]	EA	1		\$ 175.00
SUB TOTAL					\$ 12720.40

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: [Handwritten]	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Handwritten]
FIELD SERVICE ORDER NO.:	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)