

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

RECEIVED  
AUG 20 2010

8/19/10

Form ACO-1  
June 2009

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

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

**ORIGINAL**

OPERATOR: License # 30606  
Name: Murfin Drilling Company, Inc.  
Address 1: 250 N. Water, Suite 300  
Address 2: \_\_\_\_\_  
City: Wichita State: KS Zip: 67202 + \_\_\_\_\_  
Contact Person: Leon Rodak  
Phone: ( 316 ) 267-3241  
CONTRACTOR: License # 30606  
Name: Murfin Drilling Company, Inc.  
Wellsite Geologist: Brad Rine  
Purchaser: None

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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>06/06/10</u>	<u>06/15/10</u>	<u>06/16/10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 069-20326-0000

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

NE SW NE SE Sec. 24 Twp. 28 S. R. 28  East  West

1,950 Feet from  North /  South Line of Section

775 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Gray

Lease Name: Schmidt Well #: 1-24

Field Name: Wildcat

Producing Formation: None

Elevation: Ground: 2773 Kelly Bushing: 2784

Total Depth: 2400 Plug Back Total Depth: None

Amount of Surface Pipe Set and Cemented at: 497 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 #: \_\_\_\_\_

**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: 

Title: VP Production Date: 08/19/10

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: 8/19/10 - 8/19/10
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: RJA DJG Date: 8/23/10

Operator Name: Murfin Drilling Company, Inc. Lease Name: Schmidt Well #: 1-24  
Sec. 24 Twp. 28 S. R. 28  East  West County: Gray

**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 <i>(Attach Additional Sheets)</i>	<input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Attached List	
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	RECEIVED AUG 20 2010 KCC WICHITA	

List All E. Logs Run:  
**Dual Induction, Compensated Porosity, Microresistivity**

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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface		8 5/8	23#	497	Common	375	3% cc, 2% gel

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
---	--	--

Schmidt #1-24 1950 FSL 775 FEL Sec. 24-T28S-R28W 2784' KB							#1 Asher SW SW SW Sec. 31-T28S-R27W 2722' KB	
Formations	Sample Tops	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Krider	2788	-4	-2	2774	+10	+12	2724	-2
Root Shale	3570	-786	+22	3570	-786	+22	3530	-808
Heebner	4277	-1493	-1	4277	-1493	-1	4214	-1492
Lansing	4345	-1561	-1	4349	-1565	-5	4282	-1560
Stark	4730	-1946	+16	4730	-1946	+16	4684	-1962
Marmaton	4880	-2096	+16	4888	-2104	+8	4834	-2112
Pawnee	4968	-2184	+15	4970	-2186	+13	4921	-2199
Cherokee	5047	-2263	+13	5050	-2266	+10	4998	-2276
Base Pen Lime	5187	-2403	+9	5190	-2406	+6	5134	-2412
Mississippian	5218	-2434	+8	5216	-2432	+10	5164	-2442
RTD	5400						6300	
LTD				5402			6301	

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August 19, 2010

Kansas Corporation Commission  
Conservation Division  
130 S Market, Room 2078  
Wichita, Ks 67202

Re: **Confidential Filing:** ACO-1  
API #15-069-20326-0000  
Schmidt 1-24

To Whom It May Concern:

We are requesting the above referenced well to be held confidential for the maximum of two years.  
Let me know if you need any further information on this.

Sincerely,

A handwritten signature in black ink, appearing to read "Elisabeth Heibel", written in a cursive style.

Elisabeth Heibel

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**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

**PROD COPY**

MAIN OFFICE  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
FAX 620/431-0012

INVOICE

Invoice # 234662

Invoice Date: 06/09/2010 Terms: operator pay Page 1

MURFIN DRILLING  
P.O. BOX 288  
RUSSELL KS 67665  
( ) -

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SCHMIDT 1-24  
22408  
24-28S-28W  
6-6-10

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Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	375.00	16.0000	6000.00
1102	CALCIUM CHLORIDE (50#)	1059.00	.8800	931.92
1118B	PREMIUM GEL / BENTONITE	706.00	.2000	141.20
4432	8 5/8" WOODEN PLUG	1.00	92.0000	92.00

Sublet Performed	Description	Total
9999-100	CASH DISCOUNT	-3048.47

Description	Hours	Unit Price	Total
463 CEMENT PUMP (SURFACE)	1.00	985.00	985.00
463 EQUIPMENT MILEAGE (ONE WAY)	65.00	4.50	292.50
463 TON MILEAGE DELIVERY	1.00	859.47	859.47
543 TON MILEAGE DELIVERY	1.00	859.46	859.46

USED FOR  
APPROVED

Account	W/L	No.	Amount	Description
03600	020 W	3697	7575.23	Cement S Csg

Parts: 7165.12 Freight: .00 Tax: 462.15 AR 7575.23  
Labor: .00 Misc: .00 Total: 7575.23  
Sublt: -3048.47 Supplies: .00 Change: .00

Signed \_\_\_\_\_

Date \_\_\_\_\_

BARTLESVILLE, OK  
918/338-0808

ELDORADO, KS  
316/322-7022

EUREKA, KS  
620/583-7664

GILLETTE, WY  
307/686-4914

McALESTER, OK  
918/426-7667

OTTAWA, KS  
785/242-4044

THAYER, KS  
620/839-5269

WORLAND, WY  
307/347-4577



TICKET NUMBER 24408  
 LOCATION Oakley Ks  
 FOREMAN Walt Dinkel

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
6-6-10	5406	Schmidt 1-24	24	28 <sup>s</sup>	28 <sup>w</sup>	Gray
CUSTOMER MurFin Dels Co			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 661			463	Sharon Fick		KCC
CITY Colby			439	Brandon Wood		AUG 19 2010
STATE Kan			543	Dave Gardner		CONFIDENTIAL
ZIP CODE 67701						

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 497 CASING SIZE & WEIGHT 8 5/8" - 20 #  
 CASING DEPTH 497' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 15.2 SLURRY VOL \_\_\_\_\_ WATER gal/sk 5.7 CEMENT LEFT In CASING 15' +/-  
 DISPLACEMENT 30.7 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Safety meeting, Rig up to casing + circ, mix 375 sks cement  
3% cc - 2% lcl @ 250 PSI, release Plug + Displace Plug w/ 30.7 BBL  
Water, Shut in @ 200 psi, Cement Did Circ

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Thank You  
 Walt + Crew  
 KCC WICHITA

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE	985 <sup>00</sup>	985 <sup>00</sup>
5406	65	MILEAGE 65 miles	4 <sup>50</sup>	292 <sup>50</sup>
1104 S	375	Class A Cement	16 <sup>00</sup>	6000 <sup>00</sup>
1102	1,059 #	3% CaCl <sub>2</sub>	.884	931 <sup>92</sup>
1118 B	706 #	2% lcl	1.204	141 <sup>20</sup>
4432	1	8 5/8 wooden Plug	92 <sup>00</sup>	92 <sup>00</sup>
5407A	17.63 Ton	65 miles Bulk Delivery	1 <sup>50</sup>	1,718 <sup>92</sup>
234662				
Subtotal				19161 <sup>50</sup>
Less Disc				-3048 <sup>47</sup>
			SALES TAX	462.15
			ESTIMATED TOTAL	7575.2

Form 3737

AUTHORIZATION [Signature]

TITLE Tool Pusher, section 2 DATE 6-6-10

Received Time Jun. 7. 2010 2:05PM No. 2882



**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

*acct. Log*  
MAIN OFFICE  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
FAX 620/431-0012

INVOICE

Invoice # 234754

Invoice Date: 06/17/2010 Terms:

Page 1

MURFIN DRILLING  
P.O. BOX 288  
RUSSELL KS 67665  
( ) -

SCHMIDT 1-24  
24420  
24-28-28  
06-16-2010

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Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	220.00	13.0000	2860.00
1118B	PREMIUM GEL / BENTONITE	756.00	.2000	151.20
1107	FLO-SEAL (25#)	55.00	2.5000	137.50
4431	7 5/8" WOODEN PLUG	1.00	92.0000	92.00

Sublet Performed	Description	Total
9999-100	CASH DISCOUNT	-1668.63

Description	Hours	Unit Price	Total
460 TON MILEAGE DELIVERY	1.00	851.40	851.40
463 P & A NEW WELL	1.00	1200.00	1200.00
463 EQUIPMENT MILEAGE (ONE WAY)	60.00	4.50	270.00

USED FOR D&A  
APPROVED [Signature]

[Signature]

Parts:	3240.70	Freight:	.00	Tax:	209.02	AR	4102.49
Labor:	.00	Misc:	.00	Total:	4102.49		
Sublt:	-1668.63	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_



**CONSOLIDATED**  
Well Services, LLC

TICKET NUMBER 24420

LOCATION Chilly Kansas

FOREMAN Pat Heister

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
6-16-10	5406	Schmidt 1-24	24	25 E	2 S	Gray
CUSTOMER Murfin Drilling Co.			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 250N Wate St 300			463	Shannon F	KCC	
CITY Wichita	STATE KS	ZIP CODE 67202	460	Dave S		
				Brandan W		

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JOB TYPE	HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT
Plug Oil			
CASING DEPTH	DRILL PIPE	TUBING	OTHER
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING
156			
DISPLACEMENT	DISPLACEMENT PSI	MIX PSI	RATE

REMARKS: Safety meeting

50sk@1790  
50sk@750  
50sk@520  
20sk@100  
RH: 30sk  
14H: 20sk

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Thank you  
Pat & Crew

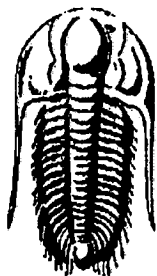
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1,200	1,200 <sup>00</sup>
5406	1	MILEAGE 60 mi	450	270 <sup>00</sup>
1131	220 sk	60-40 Pozmix	13 <sup>00</sup>	2860
1138B	756 #	Benatarite Gel	.20	151.20
1107	55 #	Flocel	2.50	137.50
4431	1	8 1/2" Plug wood	92.00	92.00
5407A	9.46	Delivery Tax mileage 60 mi	1.00	851.4
		Subtotal	5562 <sup>10</sup>	5562 <sup>10</sup>
		Less	-	1668.63
		SALES TAX		209.02
		ESTIMATED TOTAL		4102.49

AUTHORIZATION [Signature] TITLE Tool Pusher DATE 6-16-10

Received Time Jun. 16. 2010 1:04PM No. 2972

234754





**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Murfin Drilling Co.**

250 N. Water STE 300  
Wichita Ks, 67202

ATTN: Brad Rine

**24/28s/28w Gray KS**

**Schmidt 1-24**

Start Date: 2010.06.13 @ 22:08:16

End Date: 2010.06.14 @ 07:41:16

Job Ticket #: 37360 DST #: 1

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Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Murfin Drilling Co.

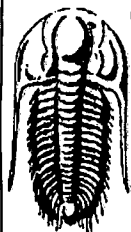
Schmidt 1-24

24/28s/28w Gray KS

DST # 1

Morrow

2010.06.13



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Murfin Drilling Co.  
250 N. Water STE 300  
Wichita Ks, 67202  
ATTN: Brad Rine

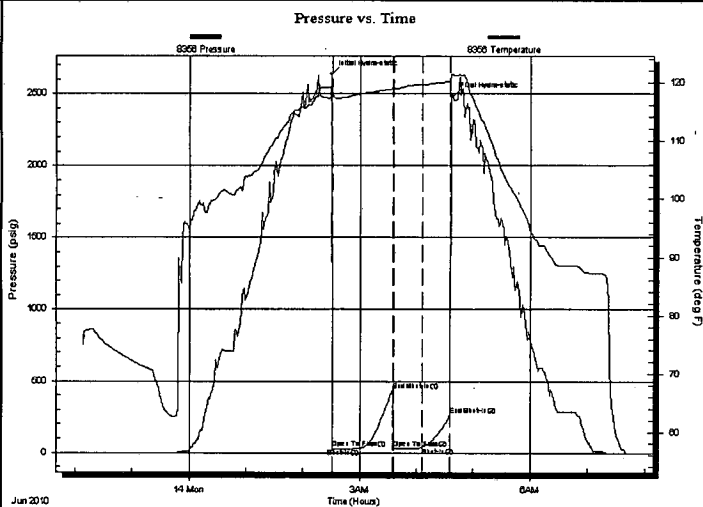
**Schmidt 1-24**  
**24/28s/28w Gray KS**  
Job Ticket: 37360      DST#: 1  
Test Start: 2010.06.13 @ 22:08:16

## GENERAL INFORMATION:

Formation: **Morrow**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 02:30:31  
Time Test Ended: 07:41:16  
Interval: **5111.00 ft (KB) To 5222.00 ft (KB) (TVD)**  
Total Depth: 5222.00 ft (KB) (TVD)  
Hole Diameter: 7.78 inches      Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: Mike Slemp  
Unit No: 28  
Reference Elevations: 2784.00 ft (KB)  
2774.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 8356**      Inside  
Press@RunDepth: 39.66 psig @ 5113.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2010.06.13      End Date: 2010.06.14      Last Calib.: 2010.06.14  
Start Time: 22:08:17      End Time: 07:41:16      Time On Btm: 2010.06.14 @ 02:29:46  
Time Off Btm: 2010.06.14 @ 04:38:01

**TEST COMMENT:** IF- Weak surface blow , died after 20 min  
IS- No blow back  
FF- No blow  
FS- No blow back



## PRESSURE SUMMARY

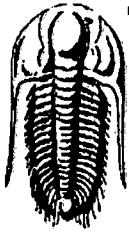
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2632.53	119.11	Initial Hydro-static
1	33.39	117.82	Open To Flow (1)
31	29.44	117.97	Shut-In(1)
65	434.46	118.84	End Shut-In(1)
66	34.30	118.80	Open To Flow (2)
96	39.66	119.55	Shut-In(2)
126	263.38	120.12	End Shut-In(2)
129	2481.76	121.19	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	100% mud	0.15

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Murfin Drilling Co.  
250 N. Water STE 300  
Wichita Ks, 67202  
  
ATTN: Brad Rine

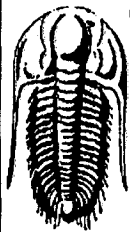
**Schmidt 1-24**  
**24/28s/28w Gray KS**  
Job Ticket: 37360      DST#: 1  
Test Start: 2010.06.13 @ 22:08:16

**Tool Information**

Drill Pipe:	Length: 4916.00 ft	Diameter: 3.80 inches	Volume: 68.96 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 69.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	5111.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	111.00 ft			
Tool Length:	138.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5085.00	
Shut In Tool	5.00			5090.00	
Hydraulic tool	5.00			5095.00	
Jars	5.00			5100.00	
Safety Joint	2.00			5102.00	
Packer	5.00			5107.00	27.00      Bottom Of Top Packer
Packer	4.00			5111.00	
Stubb	1.00			5112.00	
Perforations	1.00			5113.00	
Recorder	0.00	8356	Inside	5113.00	
Recorder	0.00	8678	Inside	5113.00	
Perforations	11.00			5124.00	
Change Over Sub	1.00			5125.00	
Drill Pipe	93.00			5218.00	
Change Over Sub	1.00			5219.00	
Bullnose	3.00			5222.00	111.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>138.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Murfin Drilling Co.

**Schmidt 1-24**

250 N. Water STE 300  
Wichita Ks, 67202

**24/28s/28w Gray KS**

Job Ticket: 37360

**DST#: 1**

ATTN: Brad Rine

Test Start: 2010.06.13 @ 22:08:16

## 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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.37 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2100.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	100% mud	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

