

ORIGINAL 2/26/12

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

Operator: License # 30606
Name: Murfin Drilling Company, Inc.
Address: 250 N. Water, Suite 300
City/State/Zip: Wichita, Kansas 67202
Purchaser: MV Purchasing
Operator Contact Person: Leon Rodak
Phone: (316) 267-3241
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606
Wellsite Geologist: Paul Gunzelman

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

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: Original Total Depth:
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Enhr.?) Docket No.

10/28/09	11/03/09	12/04/09
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 165-21861-0000
County: Rush
NE SW NE NW Sec. 15 Twp. 16 S. R. 20 East West
900 FNL feet from S (circle one) Line of Section
1900 FWL feet from E (circle one) Line of Section

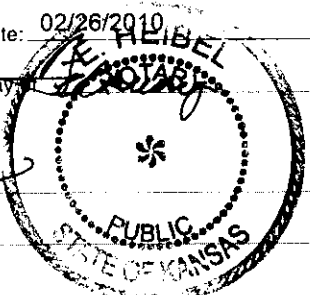
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: McGowan Well #: 1-15
Field Name: Wildcat
Producing Formation: Arbuckle
Elevation: Ground: 2185 Kelly Bushing: 2190
Total Depth: 4060 Plug Back Total Depth: 4028
Amount of Surface Pipe Set and Cemented at 218 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 *AK INS 3-810*
(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 No.:
Quarter Sec. Twp. S. R. East West
County: Docket No.:

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.

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: *Leon Rodak*
Title: Leon Rodak VP Production Date: 02/26/2010
Subscribed and sworn to before me this 25 day of FEBRUARY 2010
Notary Public: *[Signature]*
Date Commission Expires: 4/11/2011



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: **RECEIVED**
 Wireline Log Received **KANSAS CORPORATION COMMISSION**
 Geologist Report Received **FEB 25 2010**
 UIC Distribution **CONSERVATION DIVISION**
WICHITA, KS

Operator Name: Murfin Drilling Company, Inc. Lease Name: McGowan Well #: 1-15
 Sec. 15 Twp. 16 S. R. 20 East West County: Rush

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

SEE ATTACHED LIST

List All E. Logs Run:

Submitted Electronically:
 Dual Induction, Compensated Porosity,
 Microresistivity

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		8 5/8		218	Common	150	
Production		5 1/2		4054	AA-2	200	

ADDITIONAL CEMENTING / SQUEEZE RECORD				RECEIVED
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	3950-56	Common	50	KANSAS CORPORATION COMMISSION FEB 25 2010 CONSERVATION DIVISION WICHITA, KS
<input type="checkbox"/> Protect Casing	3958-60	Common	50	
<input type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
4	3940-3945	Arbuckle	250 gal	15% MCA
4	3950-3952, 3954-3956	Arbuckle	250 gal	20% MCA, Cmt Sqz'd 50 sx
4	3958-3960	Arbuckle	250 gal	20% MCA, Cmt Sqz'd 50 sx

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8	3993		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
			<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	22		138		31.5

Disposition of Gas: Vented Sold Used on Lease (If vented, Submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____
 Production Interval: 3940-45

MDCI McGowan #1-15 900 FNL 1900 FWL Sec. 15-T16S-R20W 2190' KB							Oil Property Management, Inc. #1 Campbell Trust Sec. 15-T16S-R20W 2191' KB	
Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	1437	+753	-4	1434	+756	-1	1434	+757
B/Anhydrite	1472	+718	-5	1470	+720	-3	1468	+723
Topeka	3240	-1050	-6	3240	-1050	-6	3235	-1044
Heebner	3525	-1335	+7	3523	-1333	+9	3533	-1342
Toronto	3546	-1356	+8	3542	-1352	+12	3555	-1364
Lansing	3567	-1377	+8	3564	-1374	+11	3576	-1385
BKC	3824	-1634	+13	3822	-1632	+15	3838	-1647
Arbuckle	3959	-1769	+6	3940	-1750	+25	3966	1775
RTD	4060	-1870					3976	
LTD				4058	-1868		3977	

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FEB 25 2010

CONSERVATION DIVISION
WICHITA, KS

McGowan #1-15

Operator: Murfin Drilling Company, Inc.
Contractor: Murfin Drilling Company, Inc.
Rig #16

Antigua Prospect #3474

900 FNL 1900 FWL
Sec. 15-T16S-R20W
Rush County, Kansas

Contact Person: Scott Robinson
Phone number: 316-267-3241
Well site Geologist: Paul Gunzelman

Call Depth: 2850'
Spud: 10/28/09 @ 5:00 p.m.
Complete: 11/3/09

API # 15-165-21861
Casing: 8 5/8" @ 218'
5 1/2" @ 4054'

TD: 4060'

Elevation: 2185' GL
2190' KB

DAILY INFORMATION:

- 10/27/09 Plan to move tomorrow.
- 10/28/09 MIRT.
- 10/29/09 Depth 350'. Cut 350'. DT: 8 hrs (woc). CT: none. Dev.: 1/4° @ 218'. Spud on 10/28/09 at 5:00 p.m. Ran 5 jts 24# = 212.23' of 8 5/8" surf. csg. set @ 218'. Quality cmt w/ 150 sx comm., 3% cc, 2% gel. Plug down @ 9:30 p.m. on 10/28/09, drilled out @ 5:30 a.m. on 10/29/09. Circ. 10 bbl.
- 10/30/09 Depth 2315'. Cut 1965'. DT: 1/4 hr. (pump). CT: none. Dev.: 3/4° @ 2165'.
- 10/31/09 Depth 3205'. Cut 890'. DT: none. CT: none. Dev.: none.
- 11/01/09 Depth 3605'. Cut 400'. Testing. DT: none. CT: 15 1/4 hrs. (Testing). Dev.: 1° @ 3605'. Pipe strap 1.11' Short @ 3605'. **DST #1 3578-3605 (Lansing "B")**, 30-60-60-90, Gd blw BOB in 11 min.-IF, V.wk return blw died in 19 min-ISI, Gd blw BOB in 5 min-FF, V.wk return blw died in 70 min-FSI, RECOVERY: 1120' GIP, 90' CO (34° grav API), 60' SG&OCM (15%G,20%O,65%M), 60' GW&MCO (35%G,10%W,20%M,35%O), HP 1701-1677, FP 17/41 & 45/92, SIP 1010-997, BHT 108°. **Lansing "B"** -Ls, crm-gy gran, rexlzd, sli ool sbchky-chky, gd intgran & oom por, gd scat vug por, fr odor, fr shw FO, spty med brn stn-sat, some barren por.
- 11/2/09 Depth 3960'. Cut 355'. DT: none. CT: 7 3/4 hrs. Dev.: none. **Arbuckle**: dolo few pieces w/ gd show oil in vug por, sl odor, some black dead oil. **DST #2 3939-3969' (Arbuckle)**:

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CONSERVATION DIVISION
WICHITA, KS

McGowan #1-15
Daily drilling report
Page two

11/3/09 RTD 4060'. Cut 100'. DT: none. CT: 20 3/4 hrs. Dev.: 1° @ 4060'. **DST #2 3939-3969' (Arbuckle):** 30-60-60-90, Gd blw BOB in 5 min-IF, Wk surf blw -ISI, Gd blw BOB in 6 min-FF, 1 inch return blow-FSI. RECOVERY: 360' GIP, 360' CO (41° grav. API), 250' GWO (20%G,40%W,40%O), 120' GM&OCW (20%G,10%M,20%O,40%W), 180' MW (20%M,80%W), 290' Wtr (Chlor: 48,000 ppm). HP: 1929-1909, FP: 44/236 & 240/518, SIP: 1139-1134, BHT: 119°. 7 7/8" hole complete @ 12:00 am. Logging (Log-Tech, Inc.) 3:00-7:30 am.

11/4/09 RTD 4060'. DT: none. CT: 15 hrs. Dev.: none. Ran 101 jts 15.5# of 5 1/2" production csg. set @ 4054', P-C @ 1451'. B-E cmt w/ 200 sx AA-2, 30 sx in RH, 20 sx in MH. Plug down @ 6:00 p.m. on 11/3/09, rig released @ 10:00 p.m. on 11/3/09. FINAL REPORT.

Formation	MDCI McGowan #1-15 900 FNL 1900 FWL Sec. 15-T16S-R20W 2190' KB						Oil Property Management, Inc. #1 Campbell Trust Sec. 15-T16S-R20W 2191' KB	
	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
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RTD	4060	-1870					3976	
LTD				4058	-1868		3977	

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CONSERVATION DIVISION
WICHITA, KS

Quality Oilwell Cementing Inc.

740 W WICHITA
P.O. Box 32
Russell, KS 67665

Invoice

Date	Invoice #
10/29/2009	2042

Bill To
Murfin Drilling Company P.O. Box 288 Russell Ks 67665

USED FOR New Well Drilling
APPROVED [Signature]

P.O. No.	Terms	Project
	Net 30	

Quantity	Description	Rate	Amount
150	common	10.00	1,500.00T
3	GEL	17.00	51.00T
5	Calcium	42.00	210.00T
158	handling	2.00	316.00
1	MILEAGE CHARGE	350.00	350.00
1	surface pipes 0-500ft	400.00	400.00
31	pump truck mileage charge	6.00	186.00
352	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	-1.00	-352.00T
250	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	-1.00	-250.00
	LEASE: MCGOWAN WELL #1-15		
	Rush county Sales Tax	5.30%	74.68

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CONSERVATION DIVISION
WICHITA, KS

Thank you for your business. Dave

Total \$2,485.68

QUALITY OILWELL CEMENTING, INC.

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

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

No. 3956

Date	10/28/09	Sec.	15	Twp.	16	Range	20 w	County	Rush	State	KS	On Location		Finish	9.30	
Lease	Mc Gowan			Well No.	1-15			Location	Liebenthal, 1 1/2 SW, 1 1/2 N, N + E into							
Contractor	Murfin Drilling Rig #16							Owner	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.							
Type Job	Surface							Hole Size	12 1/4"	T.D.	218'					
Csg.	8 5/8"	24 #	Depth	217'												
Tbg. Size								Charge To	Murfin Drilling Co., Inc.							
Tool								Street								
Cement Left in Csg.	15'							Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.							
Meas Line								Displace	12 3/4 Bbls.							

EQUIPMENT				Amount Ordered
Pumptrk	1	No.	Cementer Helper Paul	Common
Bulktrk	11	No.	Driver Blake	Poz. Mix
Bulktrk	PV	No.	Driver Neale	Gel.

JOB SERVICES & REMARKS		CEMENT
Remarks:	Cement Circulated	RECEIVED KANSAS CORPORATION COMMISSION FEB 25 2010 CONSERVATION DIVISION WICHITA, KS
		Handling
		Mileage

FLOAT EQUIPMENT	
	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	8 5/8" Swage
	Pumptrk Charge
	Mileage
	Tax
	Discount
	Total Charge

Thank You!!

Quality Oilwell Cementing

X Signature *[Signature]*



PAGE	CUST NO	INVOICE DATE
1 of 2	1002852	11/10/2009
INVOICE NUMBER		
1718 - 90171451		

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

J LEASE NAME McGowan 1-15
 O LOCATION
 B COUNTY Rush
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE		
40116108	19842		Net - 30 days	12/10/2009		
			QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 11/03/2009 to 11/03/2009</i>						
0040116108						
171800934A Cement-New Well Casing/Pi 11/03/2009						
Cement			250.00	EA	8.50	2,125.00 T
AA2 Cement						
Additives			63.00	EA	1.85	116.55 T
Cello-flake						
Additives			1,300.00	EA	0.25	325.00 T
Salt(Fine)						
Additives			71.00	EA	3.00	213.00 T
Cement Friction Reducer						
Additives			118.00	EA	3.75	442.50 T
FLA-322						
Additives			1,250.00	EA	0.34	418.75 T
Gilsonite						
Additives			500.00	EA	0.77	382.50 T
Super Flush II						
Cement Float Equipment			1.00	EA	2,400.00	2,400.00
Cement Port Collar, 5 1/2"(Red)						
Cement Float Equipment			1.00	EA	200.00	200.00
Latch down Plug, 5 1/2"(Blue)						
Cement Float Equipment			1.00	EA	180.00	180.00
Auto Fill Float Shoe 5 1/2"(Blue)						
Cement Float Equipment			1.00	EA	145.00	145.00
5 1/2" Basket(Blue)						
Cement Float Equipment			15.00	EA	37.50	562.50
Cement Scratchers Cable Type, 5 1/2"						
Cement Float Equipment			14.00	EA	55.00	770.00
Turbolizer, 5 1/2"(Blue)						
Mileage			200.00	MI	3.50	700.00
Heavy Equipment Mileage						
Mileage			1,175.00	MI	0.80	940.00
Proppant and Bulk Delivery Charge						
Mileage			250.00	MI	0.70	175.00

USED FOR New Well Casing
 APPROVED [Signature]

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 FEB 25 2010
 CONSERVATION DIVISION
 WICHITA, KS



PAGE 2 of 2	CUST NO 1002852	INVOICE DATE 11/10/2009
INVOICE NUMBER 1718 - 90171451		

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

J LEASE NAME McGowan 1-15
 O LOCATION
 B COUNTY Rush
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40116108	19842		Net - 30 days	12/10/2009

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Blending & Mixing Service				
Pickup	100.00	HR	2.13	212.50
Unit Mileage Charge-Pickups, Vans & Cars				
Pump Charge-Hourly	1.00	HR	1,260.00	1,260.00
Depth Charge; 4001-5000'				
Cementing Head w/Manifold	1.00	EA	125.00	125.00
Plug Container Utilization Charge				
Supervisor	1.00	HR	87.50	87.50
Service Supervisor				

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 CONSERVATION DIVISION
 WICHITA, KS

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	11,780.80
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	253.47
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	12,034.27
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



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 0934 A

DATE _____ TICKET NO. _____

DATE OF JOB <i>11-03-09</i>	DISTRICT <i>Pratt</i>	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 <i>Producers Drilling Co</i>	LEASE <i>Producers</i>	1-15 WELL NO.							
ADDRESS	COUNTY <i>Pratt</i>	STATE <i>KS</i>							
CITY	STATE	SERVICE CREW <i>Sasha, Dale, Marcus, Kevin</i>							
AUTHORIZED BY	JOB TYPE: <i>CMW - LOW STRENGTH</i>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<i>19889/110546</i>	<i>45</i>	<i>mm</i>				<i>11-3-09</i>	<i>11:00</i>		
<i>1996/1105</i>	<i>45</i>	<i>mm</i>							
						ARRIVED AT JOB		AM	TIME
								PM	<i>14:30</i>
						START OPERATION		AM	TIME
								PM	<i>17:15</i>
						FINISH OPERATION		AM	TIME
								PM	<i>19:00</i>
						RELEASED	<i>11-3-09</i>	AM	TIME
								PM	<i>19:30</i>
						MILES FROM STATION TO WELL			<i>100</i>

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
CP 105	AA 7 cone	SK	250		4,250 00
CC 102	Call fork	16	63		233 10
CC 111	Soil	15	1,300		650 00
CC 112	7/16" Rod	15	71		426 00
CC 129	3/4" 322	15	119		835 00
CC 201	oilseal	16	1,250		837 50
CC 155	Super Hook	PA	500		765 20
CE 471	Concrt Bond Cotton 5/16	SA	1		4,800 00
CE 607	Latex based Plug	SA	1		400 00
CE 1251	Hub 2 1/2" Steel	SA	1		360 00
CE 1651	Tabular	SA	14		1,540 00
CE 1801	1/2" Rod	SA	1		290 00
CE 2001	Cob' Seals	SA	13		1,125 00
P 101	Man. Spool	PA	200		1,400 00
P 112	Bulk Oil	PA	1,175		1,880 00
P 100	Reel	PA	100		425 00
CE 240	Plastic	SK	250		350 00
CE 203	Green	SA	1		175 00
CE 205	Drill	SA	1		2,520 00
CE 204	Drill	SA	1		250 00
SUB TOTAL					11,780 80
TOTAL					11,780 80

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		11,780 80

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



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 0934 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>11-23-09</u> DISTRICT <u>Pratt</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>Shannon D. ...</u>		LEASE <u>Pratt</u> WELL NO. <u>115</u>						
ADDRESS		COUNTY <u>Pratt</u> STATE <u>KS</u>						
CITY STATE		SERVICE CREW <u>...</u>						
AUTHORIZED BY		JOB TYPE: <u>CIVIL - LONG STRONG</u>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <u>11-3-</u> DATE	AM PM	TIME
<u>19889/1984C</u>	<u>45</u>							<u>11:00</u>
<u>1990/...</u>	<u>45</u>					ARRIVED AT JOB	AM PM	<u>11:30</u>
						START OPERATION	AM PM	<u>11:45</u>
						FINISH OPERATION	AM PM	<u>12:00</u>
						RELEASED <u>11-3-09</u>	AM PM	<u>12:30</u>
						MILES FROM STATION TO WELL		<u>100</u>

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA 2 ...	SK	25		4,250.00
CC 102	Collet	16	63		233.10
CC 111	Salt	15	1,300		6,050.00
CC 112	Grade Rods	14	21		426.00
CC 119	FAA 322	15	119		885.00
CC 201	...	16	125		837.50
CC 155	Sup. ...	142	500		705.00
CF 471	Conc. ...	50	1		4,800.00
CF 607	Level ...	50	1		400.00
CF 1241	Auto ...	90	1		260.00
CF 1501	...	50	14		1,540.00
CF 1501	...	21	1		290.00
CF 201	Cable ...	51	13		1,175.00
CF 101	...	100	200		1,400.00
CF 112	...	700	1175		1,840.00
CF 100	...	100	100		425.00
CF 246	...	50	250		350.00
CF 200	...	70	1		175.00
CF 200	...	10	1		2,520.00
CF 200	...	10	1		250.00
SUB TOTAL					11,780.80

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		11,780.80

SERVICE REPRESENTATIVE <u>...</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>...</u>
-----------------------------------	--

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

Libertyville / McCracken RD 11 1/2 W T. RD 130 2N E 1/4

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>Morgan Drilling</i>	Lease No.	Date <i>11-03-07</i>
Lease <i>Morgan</i>	Well # <i>1-15</i>	
Field Order # <i>0934</i>	Station <i>Pratt</i>	Casing <i>5 1/2</i>
		Depth <i>4054</i>
Type Job <i>CNW 5 1/2 L.C.</i>	Formation	County <i>Rush</i>
		State <i>KS</i>
		Legal Description <i>15-16-20</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size	Shots/Ft		Fluid <i>1451'</i>		RATE	PRESS	ISIP
Depth <i>4054</i>	Depth	From	To	Pre Pad	Max			5 Min.
Volume <i>76</i>	Volume	From	To	Pad	Min			10 Min.
Max Press <i>1500</i>	Max Press	From	To	Frac	Avg			15 Min.
Well Connection <i>PC</i>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth <i>4037</i>	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Johnson</i>
Service Units <i>19867 19889 19842 19960 19918 19917</i>		
Driver Names <i>Scott, NAL, M9129042 Kevin</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1430</i>					<i>ON for 5 1/2 min</i>
					RECEIVED KANSAS CORPORATION COMMISSION FEB 25 2010 CONSERVATION DIVISION WICHITA, KS
					<i>Run CSG 5 1/2 - 15 1/2 16</i>
					<i>DVT 1451' ST 66</i>
<i>1615</i>					<i>CSG on Bottom</i>
<i>1625</i>					<i>Hook Rig to Circ CSG</i>
<i>1715</i>	<i>150</i>		<i>12</i>	<i>3</i>	<i>at 126th Super Flush</i>
			<i>4</i>		<i>SPRINK</i>
				<i>5</i>	<i>21x 220 st All cut @ 15.5 1/4 gal</i>
			<i>56</i>		<i>shot down cut min</i>
<i>1733</i>					<i>WASH Pump & Lines</i>
					<i>Release Plug</i>
<i>1735</i>	<i>100</i>			<i>5</i>	<i>at Deep</i>
	<i>250</i>		<i>7.2</i>		<i>Light PSI</i>
	<i>500</i>			<i>3 1/2</i>	<i>Slow Rate</i>
<i>1800</i>	<i>1600</i>		<i>96</i>		<i>Plug down float hole</i>
			<i>6</i>		<i>Plug Rth w/ 300k</i>
			<i>4</i>		<i>Plug min 200</i>
					<i>30B complete</i>
					<i>Thank you</i>



PAGE 1 of 1	CUST NO 1002852	INVOICE DATE 11/19/2009
INVOICE NUMBER 1718 - 90179757		

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

J LEASE NAME McGowan 1-15
 O LOCATION
 B COUNTY Rush
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40120024	19842		Net - 30 days	12/19/2009

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 11/13/2009 to 11/13/2009</i>				
0040120024				
171800744A Cement-New Well Casing/Pi 11/13/2009				
Cement	175.00	EA	8.10	1,417.50 T
A-Con Blend Common				
Additives	44.00	EA	1.67	73.26 T
Cello-flake				
Calcium Chloride	495.00	EA	0.47	233.89 T
Mileage	200.00	MI	3.15	630.00
Heavy Equipment Mileage				
Mileage	825.00	MI	0.72	594.00
Proppant and Bulk Delivery Charge				
Mileage	175.00	MI	0.63	110.25
Blending & Mixing Service Charge				
Pickup	100.00	HR	1.91	191.25
Unit Mileage Charge-Pickups, Vans & Cars				
Pump Charge-Hourly	1.00	HR	675.00	675.00
Depth Charge; 1001-2000'				
Supervisor	1.00	HR	78.75	78.75
Service Supervisor				

USED FOR New Well Comp
 APPROVED AR

RECEIVED
 KANSAS CORPORATION COMMISSION
 FEB 25 2010
 CONSERVATION DIVISION
 WICHITA, KS

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	4,003.90
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	108.65
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	4,112.55
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



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 0744 A

DATE _____ TICKET NO. _____

DATE OF JOB 11-13-09 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 <i>Murfin Drilling Co</i>		LEASE <i>MCGOWAN</i> 1-15 WELL NO.							
ADDRESS		COUNTY <i>Rush</i> STATE <i>Ks</i>							
CITY STATE		SERVICE CREW <i>A. Werth, J. Anthony, D. Phyc</i>							
AUTHORIZED BY		JOB TYPE: <i>5 1/2" Port Collar</i> <i>CNW</i>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
<i>28443 P.O.</i>	<i>1 1/2</i>						<i>11-12-09</i>	<i>AM</i>	<i>1800</i>
<i>19889-19842</i>	<i>1 1/2</i>					ARRIVED AT JOB	<i>11-12-09</i>	<i>PM</i>	<i>1015</i>
<i>19960-19918</i>	<i>1 1/2</i>					START OPERATION	<i>11-12-09</i>	<i>AM</i>	<i>1100</i>
						FINISH OPERATION	<i>11-12-09</i>	<i>AM</i>	<i>1230</i>
						RELEASED	<i>11-12-09</i>	<i>PM</i>	<i>1300</i>
						MILES FROM STATION TO WELL <i>100-miles</i>			

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	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CF101	A-Cow Blend		175-SK		\$ 3150.00
GC102	cell FLAKE		44-lb		\$ 167.80
CC109	Calcium Chloride		495-lb		\$ 519.75
E101	Heavy Equip mileage		200-m.		\$ 1400.00
E113	Bulk/Delivery Charge		825-lb		\$ 1320.00
E100	unit mileage Pickup		100-m.		\$ 425.00
CF240	Blending & mixing Service Charge		175-SK		\$ 245.00
S003	Service Supervisor First 8hrs on loc		1-CA		\$ 175.00
CF202	Depth Charge 1001-2000'		1-4hrs		\$ 1500.00
SUB TOTAL					

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		\$ 4603.90 DLS

SERVICE REPRESENTATIVE *Allen F. Werth* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Mark Rollen*
(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 0744 A

DATE _____ TICKET NO. _____

DATE OF JOB 11-13-09		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 Muehle Drilling Co.						LEASE MCGowan						1-15 WELL NO.			
ADDRESS						COUNTY Rush						STATE KS			
CITY						STATE						SERVICE CREW A. Worth, J. Anthony, D. Phye			
AUTHORIZED BY						JOB TYPE: 5/2 Pool Collar						SNW			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED		DATE		AM	PM	TIME			
28443	1 1/2							11-12-09				1800			
19889-19842	1 1/2							ARRIVED AT JOB				1015			
19960-19910	1 1/2							START OPERATION				1100			
								FINISH OPERATION				1230			
								RELEASED				1300			
								MILES FROM STATION TO WELL		100 miles					

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP101	A-Cow Blend <i>RECEIVED KANSAS CORPORATION COMMISSION FEB 25 2010 CONSERVATION DIVISION WICHITA, KS</i>		175 sk		\$ 3150.00
CC102	cell Flake		44-10		\$ 162.80
CC109	Calcium Chloride		495-10		\$ 519.75
E121	Heavy Equip. in load		300-m		\$ 1400.00
E113	Bulk/Drilling Change		825-10		\$ 1320.00
F100	port utility pickup		100-m		\$ 425.00
CP240	Blend by Jimmy Service Change		175-sk		\$ 245.00
S003	Service Supervisor First Shift		1-CP		\$ 175.00
CC702	Depth Change 1001-2000		1-4hr		\$ 1500.00
				SUB TOTAL	

CHEMICAL / ACID DATA:			

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

\$ 4003.90
 DLS

SERVICE REPRESENTATIVE <u>Allen F. Worth</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____
--	---

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

Customer Murphy Drilling Co.	Lease No.	Date 11-13-09
Lease MCGOWAN	Well # 1-15	
Field Order # 17180744	Station Pratt KS	Casing 5 1/2"
Type Job 5 1/2" Port Collar	Formation SNW	Depth 1450'
		County Rush
		State KS
		Legal Description 15-16-20

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2"	Tubing Size 2 3/8"	Shots/Ft 175 SK		Acid A-CON Blend	RATE @ 12#/GAL	PRESS Max	ISIP 5 Min.	
Depth 1450'	Depth 1450'	From	To	Pre Pad	Min		10 Min.	
Volume 7	Volume 7	From	To	Pad	Avg		15 Min.	
Max Press 1000#	Max Press 1000#	From	To	Frac	HHP Used		Annulus Pressure	
Well Connection	Annulus Vol.	From	To		Gas Volume		Total Load	
Plug Depth	Packer Depth	From	To	Flush Fresh water				

Customer Representative MARK Robbin	Station Manager DAVE SCOTT	Treater Allan F. Werth
--	-------------------------------	---------------------------

Service Units	28443	19889	19842	19960	19918				
Driver Names	A werth	James	Anthony	Dale	Phyc				

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
1015					on loc. Discuss Safety, Setup, Plan Job
1107	1000#				Rig Running 2 3/8 Tbg To 1450' P.C.
1115			4	3	PSI on casing - Release PSI
1130		100#			open Port collar @ 1450'
1150			80		3 BPM Blow on Braden Head
			7	2	start mix 175SKs A-CON @ 12#
	1000#				Finish mix
1207	400#		20	3	Disp Tbg w/ 7 BBLs N ₂
1300					Close Port collar + PSI Test OK
					Run 5 Joints & air Clean
					Pump 20 BBLs N ₂
					washup + Rack up Equip
					Job Complete.
					"Cement CIR. To Pit"
					thanks Allan, James, Dale



INVOICE

24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906

Invoice Number: 120660

Voice: (785) 483-3887
 Fax: (785) 483-5566

Invoice Date: Nov 19, 2009

Page: 1

New Well Camp
 [Handwritten signature]

Bill To:
 Murfin Drig. Co., Inc.
 250 N. Water
 STE #300
 Wichita, KS 67202

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	McGowen #1-15	10% 25, Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-05	Russell	Nov 19, 2009	12/19/09

Quantity	Item	Description	Unit Price	Amount
50.00	MAT	Class A Common	13.50	675.00
7.00	MAT	FL-10	11.80	82.60
60.00	SER	Handling	2.25	135.00
1.00	SER	Handling Mileage Charge	300.00	300.00
1.00	SER	Squeeze	991.00	991.00
30.00	SER	Pump Truck Mileage	7.00	210.00

RECEIVED
 KANSAS CORPORATION COMMISSION
 FEB 25 2010
 CONSERVATION DIVISION
 WICHITA, KS

ALL PRICES ARE NET, PAYABLE
 30 DAYS FOLLOWING DATE OF
 INVOICE. 1 1/2% CHARGED
 THEREAFTER. IF ACCOUNT IS
 CURRENT, TAKE DISCOUNT OF

\$ 598.40

ONLY IF PAID ON OR BEFORE
Dec 14, 2009

Subtotal	2,393.60
Sales Tax	126.86
Total Invoice Amount	2,520.46
Payment/Credit Applied	
TOTAL	2,520.46

ALLIED CEMENTING CO., LLC. 041286

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

SERVICE POINT:

Russell

DATE <u>11-19-09</u>	SEC. <u>15</u>	TWP. <u>16</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>2:30pm</u>	JOB FINISH <u>3:00pm</u>
LEASE <u>McGowen</u>	WELL # <u>1-15</u>		LOCATION <u>Liebertal 11w 1 1/2 N</u>			COUNTY <u>Rush</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)					<u>Into</u>	RECEIVED KANSAS CORPORATION COMMISSION	

CONTRACTOR Co Tests

TYPE OF JOB Squeeze

HOLE SIZE 7 7/8 T.D. _____

CASING SIZE 5 1/2 DEPTH _____

TUBING SIZE 2 7/8 DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL Reinhardt's Sody DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 600 Com
71bs Ft-10

FEB 25 2010
CONSERVATION DIVISION
WICHITA, KS

EQUIPMENT

PUMP TRUCK CEMENTER Craig

417 HELPER Craig

BULK TRUCK DRIVER MATT

378 DRIVER _____

BULK TRUCK DRIVER _____

COMMON	<u>5.0</u>	@	<u>13.50</u>	<u>675.00</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
ASC		@		
<u>Ft-10</u>	<u>71bs</u>	@	<u>11.00</u>	<u>826.00</u>
HANDLING	<u>60SK</u>	@	<u>2.25</u>	<u>135.00</u>
MILEAGE	<u>.10/SK/mile</u>	minimum		<u>300.00</u>
TOTAL				<u>1192.60</u>

REMARKS:
Perfs from 3598 - 3960
Rate 23 @ 900PSI. Recho set to Squeeze
from 3874. Mixed 25SK Slick + 25 Common
Squeezed to 2000PSI. We shed out 2 joint
Full 6 joints + pressure up to 1000PSI.

THANKS!

CHARGE TO: Murbin

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

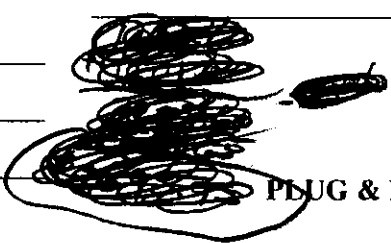
PUMP TRUCK CHARGE _____ 991.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 30 @ 7.00 210.00

MANIFOLD _____ @ _____

TOTAL 1201.00



To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____



24 S. Lincoln Street
P.O. Box 31
Russell, KS 67665-2906

Voice: (785) 483-3887
Fax: (785) 483-5566

USED FOR New Well Camp
APPROVED [Signature]

INVOICE

Invoice Number: 120776
Invoice Date: Nov 25, 2009
Page: 1

Bill To:
Murfin Drlg. Co., Inc. 250 N. Water STE #300 Wichita, KS 67202

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	McGowan #1-15	10% 25, Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-05	Russell	Nov 25, 2009	12/25/09

Quantity	Item	Description	Unit Price	Amount
50.00	MAT	Class A Common	13.50	675.00
7.00	MAT	FL-10	11.80	82.60
1.00	SER	Handling	300.00	300.00
30.00	SER	Handling Mileage	5.00	150.00
1.00	SER	Squeeze	991.00	991.00
30.00	SER	Pump Truck Mil	7.00	210.00

Acoby
cc: WT
cc: Liz

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 25 2010
CONSERVATION DIVISION
WICHITA, KS

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 602.15

ONLY IF PAID ON OR BEFORE
Dec 20, 2009

Subtotal	2,408.60
Sales Tax	127.66
Total Invoice Amount	2,536.26
Payment/Credit Applied	
TOTAL	2,536.26

ALLIED CEMENTING CO., LLC. 33662

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

SERVICE POINT:

Russell KS

DATE <u>11-25-09</u>	SEC. <u>15</u>	TWP. <u>16</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00pm</u>	JOB FINISH <u>4:30pm</u>	
McGowan LEASE		WELL # <u>1-15</u>	LOCATION <u>Liebenthal 11 West to Rd 130</u>		<u>Rush</u>	COUNTY <u>Rush</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>1 3/4 North East into</u>				RECEIVED KANSAS CORPORATION COMMISSION	

CONTRACTOR Murfin
 TYPE OF JOB Squeeze
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH _____
 TUBING SIZE 2 7/8 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Reinhardt DEPTH 3274'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. 3950'-3952' 3954'-3956'
 DISPLACEMENT T=22.46 C=1.85

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts
 # 398 HELPER Glenn
 BULK TRUCK
 # 410 DRIVER Shane
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Perfs 3950-52 3954-56 Set packer @ 3274'
Take rate 2.25 Bbl/min @ 900psi Mix 15sk
cement w/ 7LB. FL-10 and tail 35sk com
Displace w/ 22.5 Bbl H₂O to squeeze
to 2000psi. Release pressure dried up. Ran
1 ft. tubing and washed clean. Pulled
up and shut in with 500psi.
Thank You!



CHARGE TO: Murfin
 STREET _____
 CITY _____ STATE _____ ZIP _____

OWNER _____
 CEMENT
 AMOUNT ORDERED 50 sk Com
7LB FL-10

COMMON	<u>50</u>	@	<u>13⁵⁰</u>	<u>675⁰⁰</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
ASC		@		
FL-10	<u>7LB.</u>	@	<u>11⁰⁰ LB</u>	<u>82⁶⁰</u>
HANDLING	<u>50</u>	@	<u>2²⁵</u>	<u>300⁰⁰ min.</u>
MILEAGE	<u>.104/sk/mile</u>			<u>150⁰⁰</u>
TOTAL				<u>1207⁶⁰</u>

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>991⁰⁰</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>30</u>	@	<u>7⁰⁰</u>	<u>210⁰⁰</u>
MANIFOLD		@		
		@		

TOTAL 1201⁰⁰

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment

Quality Oilwell Cementing Inc.

740 W WICHITA
P.O. Box 32
Russell, KS 67665

Invoice

Date	Invoice #
10/29/2009	2042

COPY

USED FOR New Well Drilling
APPROVED [Signature]

Bill To
Murfin Drilling Company P.O. Box 288 Russell Ks 67665

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 25 2010
CONSERVATION DIVISION
WICHITA, KS

PROD COPY

P.O. No.	Terms	Project
	Net 30	

Quantity	Description	Rate	Amount
150	common	10.00	1,500.00T
3	GEL	17.00	51.00T
5	Calcium	42.00	210.00T
158	handling	2.00	316.00
1	MILEAGE CHARGE	350.00	350.00
1	surface pipes 0-500ft	400.00	400.00
31	pump truck mileage charge	6.00	186.00
352	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	-1.00	-352.00T
250	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	-1.00	-250.00
	LEASE: MCGOWAN WELL #1-15		
	Rush county Sales Tax	5.30%	74.68
	<i>03600 01645 3530</i>		
	<i>7485.68</i>		
	<i>Cement S. Csg.</i>		

Thank you for your business. Dave	Total	\$2,485.68
-----------------------------------	--------------	-------------------

QUALITY OILWELL CEMENTING, INC.

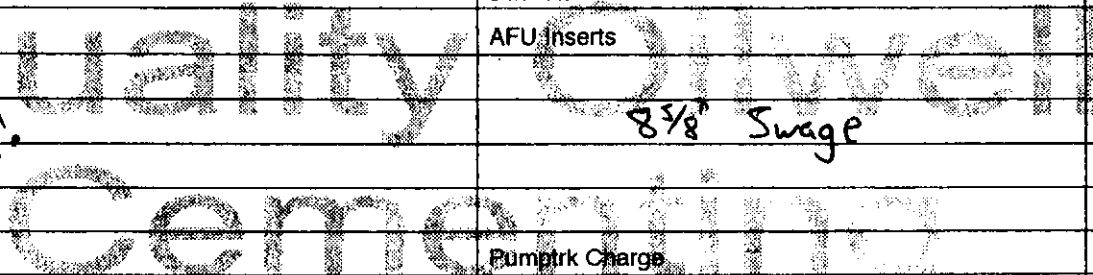
Phone 785-483-2025
Cell 785-324-1041

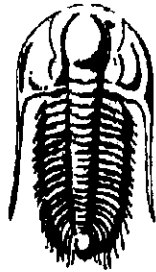
Home Office P.O. Box 32 Russell, KS 67665

No. 3956

Date	10/28/09	Sec.	15	Twp.	16	Range	20 W	County	Rush	State	KS	On Location		Finish	9:30
Lease	Mc Gowen		Well No.	1-15		Location Liebenthal, 1 1/4 SW, 1 1/2 N, N + E into									
Contractor	Murfin Drilling Rig #16							Owner							
Type Job	Surface							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	12 1/4"		T.D.	218'		Charge To									
Csg.	8 5/8" 24 #		Depth	217'		Murfin Drilling Co., Inc.									
Tbg. Size			Depth			Street									
Tool			Depth			City									
Cement Left in Csg.	15'		Shoe Joint			State									
Meas Line			Displace	12 3/4 Bbls.		The above was done to satisfaction and supervision of owner agent or contractor.									
EQUIPMENT						CEMENT									
Pumptrk	1	No.	Cementer	Paul		Amount Ordered									
			Helper			150 sq Com 3 1/2 CC 2 1/2 gal									
Bulktrk	11	No.	Driver	Blake		Common									
			Driver			Poz. Mix									
Bulktrk	PV	No.	Driver	Neale		Gel.									
			Driver			Calcium									
JOB SERVICES & REMARKS						Hulls									
Remarks:	Cement Circulated					Salt									
						Flowseal									
						RECEIVED KANSAS CORPORATION COMMISSION FEB 25 2010 CONSERVATION DIVISION WICHITA, KS									
						Handling									
						Mileage									
						FLOAT EQUIPMENT									
						Guide Shoe									
						Centralizer									
						Baskets									
						AFU Inserts									
						8 5/8" Swage									
						Pumptrk Charge									
						Mileage									
						Tax									
						Discount									
						Total Charge									
X Signature	[Signature]														

Thank You!!





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc.**

250 N Water STE 300
Wichita Ks 67202

ATTN: Paul Gunzelman

15 16S 20W Rush KS

McGowan 1-15

Start Date: 2009.10.31 @ 23:02:20

End Date: 2009.11.01 @ 08:37:20

Job Ticket #: 36595 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

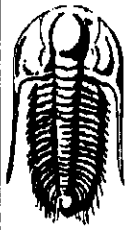
FEB 25 2010

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc.

McGowan 1-15

250 N Water STE 300
Wichita Ks 67202

15 16S 20W Rush KS

ATTN: Paul Gunzelman

Job Ticket: 36595

DST#: 1

Test Start: 2009.10.31 @ 23:02:20

GENERAL INFORMATION:

Formation: **LKC "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:38:50

Time Test Ended: 08:37:20

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: **3578.00 ft (KB) To 3605.00 ft (KB) (TVD)**

Reference Elevations: 2190.00 ft (KB)

Total Depth: 3605.00 ft (KB) (TVD)

2185.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 5.00 ft

Serial #: 8369

Inside

Press@RunDepth: 92.19 psig @ 3582.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2009.10.31

End Date:

2009.11.01

Last Calib.: 2009.11.01

Start Time: 23:02:25

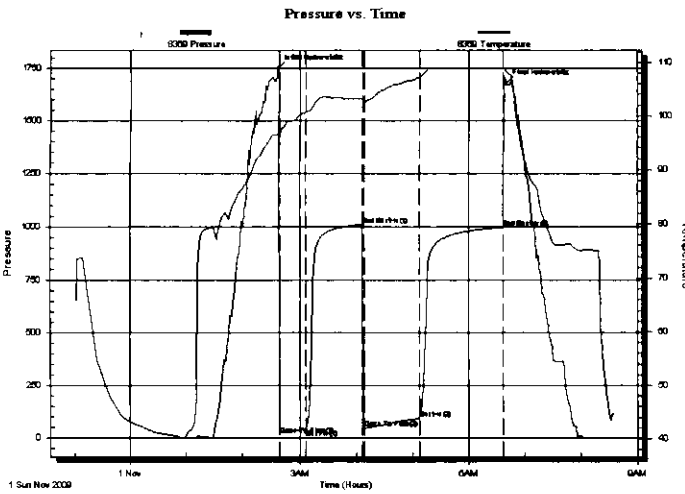
End Time:

08:37:20

Time On Btm: 2009.11.01 @ 02:37:20

Time Off Btm: 2009.11.01 @ 06:39:50

TEST COMMENT: IF- BOB in 11min
IS- Very weak surface blow died in 19min
FF- BOB in 5min
FS- Very weak surface blow died in 70min



PRESSURE SUMMARY

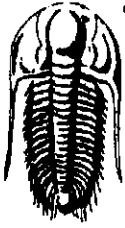
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1748.97	96.40	Initial Hydro-static
2	17.19	95.92	Open To Flow (1)
30	44.20	100.83	Shut-In(1)
90	1010.62	103.19	End Shut-In(1)
91	45.49	102.43	Open To Flow (2)
150	92.19	107.14	Shut-In(2)
240	997.30	108.83	End Shut-In(2)
243	1677.04	108.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GWMCO 35%G 35%O 10%V 20%M	0.57
60.00	SGOCM 15%G 20%O 65%M	0.84
90.00	Free Oil 10%G 90%O	1.26
0.00	1120ft GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc.

McGowan 1-15

250 N Water STE 300
Wichita Ks 67202

15 16S 20W Rush KS

Job Ticket: 36595

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2009.10.31 @ 23:02:20

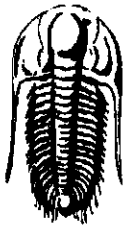
Tool Information

Drill Pipe:	Length: 3552.00 ft	Diameter: 3.80 inches	Volume: 49.83 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3578.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	50.00 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			3556.00	
Shut In Tool	5.00			3561.00	
Hydraulic tool	5.00			3566.00	
Safety Joint	3.00			3569.00	
Packer	4.00			3573.00	23.00 Bottom Of Top Packer
Packer	5.00			3578.00	
Stubb	1.00			3579.00	
Perforations	3.00			3582.00	
Recorder	0.00	8319	Inside	3582.00	
Recorder	0.00	8369	Inside	3582.00	
Perforations	20.00			3602.00	
Bullnose	3.00			3605.00	27.00 Bottom Packers & Anchor

Total Tool Length: 50.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc.

McGowan 1-15

250 N Water STE 300
Wichita Ks 67202

15 16S 20W Rush KS

Job Ticket: 36595

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2009.10.31 @ 23:02:20

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:	71000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GVMCO 35%G 35%O 10%W 20%M	0.568
60.00	SGOCM 15%G 20%O 65%M	0.842
90.00	Free Oil 10%G 90%O	1.262
0.00	1120ft GIP	0.000

Total Length: 210.00 ft Total Volume: 2.672 bbl

Num Fluid Samples: 0

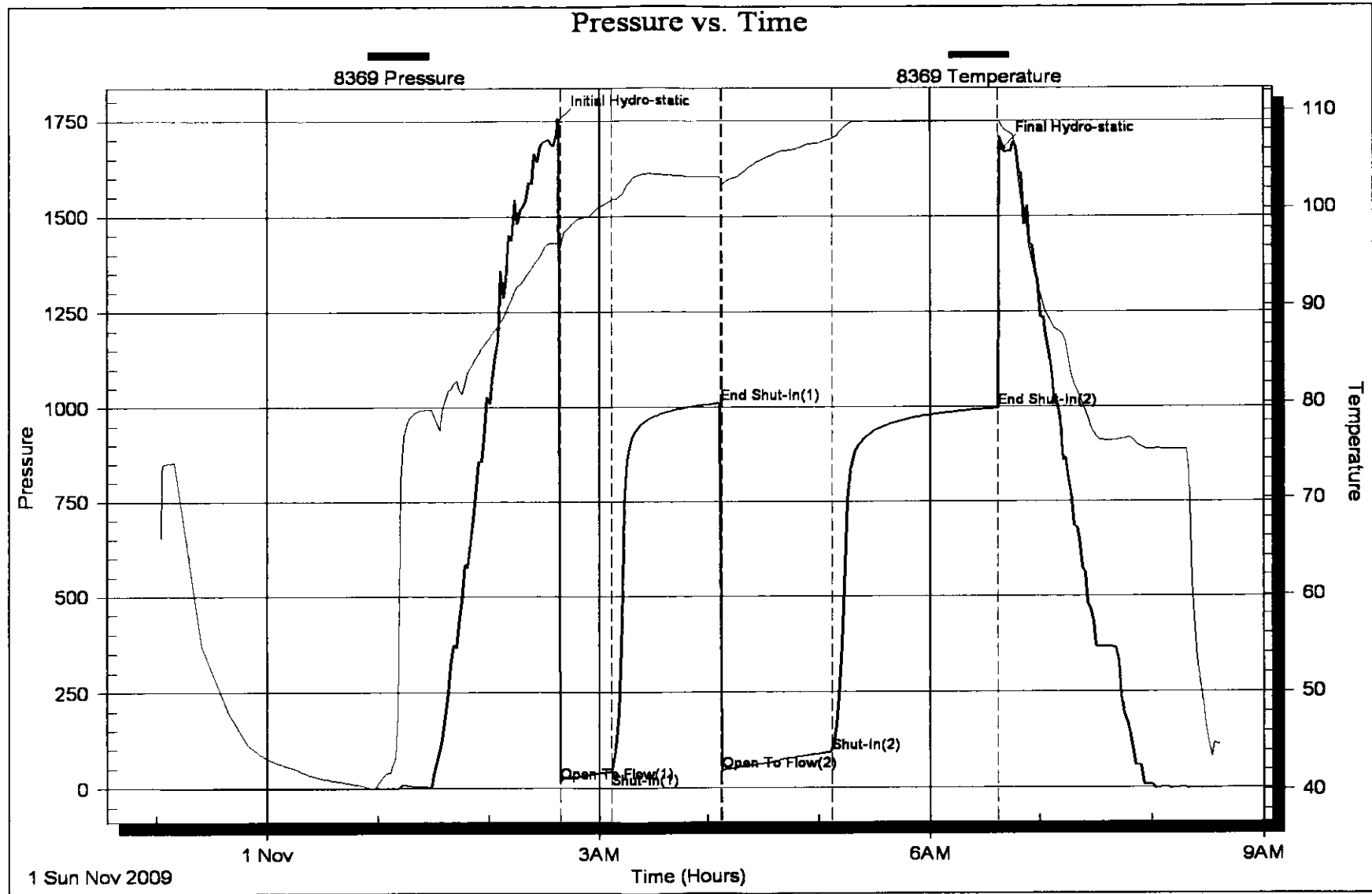
Num Gas Bombs: 0

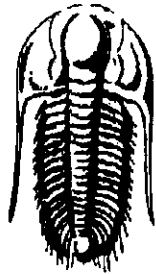
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc.**

250 N Water STE 300
Wichita Ks 67202

ATTN: Paul Gunzelman

15 16S 20W Rush KS

McGowan 1-15

Start Date: 2009.11.02 @ 09:46:42

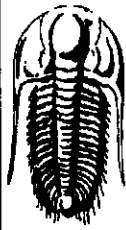
End Date: 2009.11.02 @ 18:37:42

Job Ticket #: 36596 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc.

McGowan 1-15

250 N Water STE 300
Wichita Ks 67202

15 16S 20W Rush KS

ATTN: Paul Gunzelman

Job Ticket: 36596

DST#: 2

Test Start: 2009.11.02 @ 09:46:42

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 11:59:42

Time Test Ended: 18:37:42

Test Type: **Conventional Bottom Hole**

Tester: **Brett Dickinson**

Unit No: **47**

Interval: **3939.00 ft (KB) To 3969.00 ft (KB) (TVD)**

Reference Elevations: **2190.00 ft (KB)**

Total Depth: **3969.00 ft (KB) (TVD)**

2185.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition:

KB to GR/CF: 5.00 ft

Serial #: 8369

Inside

Press@RunDepth: **518.27 psig @ 3946.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2009.11.02**

End Date:

2009.11.02

Last Calib.: **2009.11.02**

Start Time: **09:46:47**

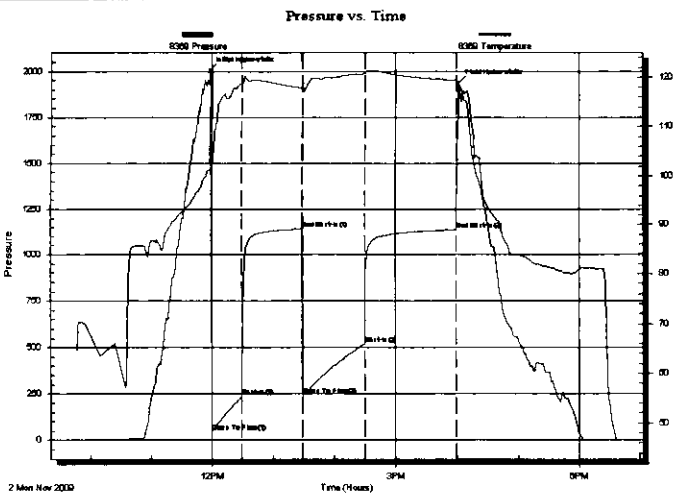
End Time:

18:37:42

Time On Btm: **2009.11.02 @ 11:57:12**

Time Off Btm: **2009.11.02 @ 16:01:11**

TEST COMMENT: IF-BOB in 5min
IS- Very weak surface blow
FF-BOB in 6min
FSI- 1in blow



PRESSURE SUMMARY

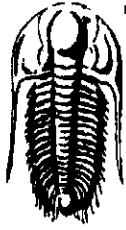
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2004.15	101.23	Initial Hydro-static
3	44.77	101.97	Open To Flow (1)
32	236.92	118.53	Shut-in(1)
91	1139.54	117.73	End Shut-in(1)
92	240.94	117.44	Open To Flow (2)
152	518.27	120.66	Shut-in(2)
243	1134.43	119.34	End Shut-in(2)
244	1936.71	118.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
290.00	water	3.79
180.00	MCW 80% 20%M	2.52
120.00	GMOCW 20%G 20%O 50%W 10%M	1.68
250.00	GWO 20% 40% 40%W	3.51
360.00	GO 30%G 70%O	5.05
0.00	360ft GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc.

McGowan 1-15

250 N Water STE 300
Wichita Ks 67202

15 16S 20W Rush KS

Job Ticket: 36596

DST#: 2

ATTN: Paul Gunzelman

Test Start: 2009.11.02 @ 09:46:42

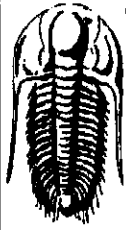
Tool Information

Drill Pipe:	Length: 3898.00 ft	Diameter: 3.80 inches	Volume: 54.68 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3939.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	53.00 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			3917.00	
Shut In Tool	5.00			3922.00	
Hydraulic tool	5.00			3927.00	
Safety Joint	3.00			3930.00	
Packer	4.00			3934.00	23.00 Bottom Of Top Packer
Packer	5.00			3939.00	
Stubb	1.00			3940.00	
Perforations	6.00			3946.00	
Recorder	0.00	8319	Inside	3946.00	
Recorder	0.00	8369	Inside	3946.00	
Perforations	20.00			3966.00	
Bullnose	3.00			3969.00	30.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc.

McGowan 1-15

250 N Water STE 300
Wichita Ks 67202

15 16S 20W Rush KS

Job Ticket: 36596

DST#: 2

ATTN: Paul Gunzelman

Test Start: 2009.11.02 @ 09:46:42

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

48000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
290.00	water	3.795
180.00	MCW 80% 20%M	2.525
120.00	GMOCW 20%G 20%O 50%W 10%M	1.683
250.00	GWO 20% 40% 40%W	3.507
360.00	GO 30%G 70%O	5.050
0.00	360ft GIP	0.000

Total Length: 1200.00 ft Total Volume: 16.560 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

