

ORIGINAL

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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

5/02/11

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34225

Name: Buffalo Resources, LLC

Address 1: 301 Commerce Street Suite 301

Address 2: _____

City: Fort Worth State: TX Zip: 76102 + 4140

Contact Person: Matthew Flannery

Phone: (817) 870-2707

CONTRACTOR: License # 5929 MAY 02 2009

Name: Duke Drilling Company, Inc

Wellsite Geologist: Curtis Covey

Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil SWD SLOW
- Gas ENHR SIGW
- CM (Coal Bed Methane) Temp. Abd.
- 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. Conv. to SWD

Plug Back: _____ Plug Back Total Depth _____

Commingled Docket No.: _____

Dual Completion Docket No.: _____

Other (SWD or Enhr.?) Docket No.: _____

4/10/09 4/15/09 4/23/09

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

API No. 15 - 167-23568-00-00

Spot Description: _____

NW SE SW SW Sec. 27 Twp. 15 S. R. 11 East West

340 Feet from North / South Line of Section

830 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Russell

Lease Name: Mog Well #: 1-27

Field Name: Davidson

Producing Formation: Conglomerate

Elevation: Ground: 1975 Kelly Bushing: 1983

Total Depth: 3321 Plug Back Total Depth: 3301

Amount of Surface Pipe Set and Cemented at: 421 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/ _____ ^{sq cmt}

Asst 1 - Dlg - 6/16/09

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 25,000 ppm Fluid volume: 800 bbls

Dewatering method used: Evaporation

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: Daron Patterson

Title: Foreman Date: _____

Subscribed and sworn to before me this 4th day of May

20 09

Notary Public: [Signature]

Date Commission Expires: 11-1-09

KCC Office Use ONLY

Letter of Confidentiality Received

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

KANSAS CORPORATION COMMISSION

MAY 06 2009

RECEIVED

Operator Name: Buffalo Resources, LLC Lease Name: Mog Well #: 1-27
 Sec. 27 Twp. 15 S. R. 11 East West County: Russell

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: Compensated Density Neutron, Micro, Dual Induction, Sonic Cement	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Topeka</td> <td>2589'</td> <td>-786'</td> </tr> <tr> <td>Heebner</td> <td>2842'</td> <td>-1039'</td> </tr> <tr> <td>Toronto</td> <td>2858'</td> <td>-1055'</td> </tr> <tr> <td>Lansing</td> <td>2950'</td> <td>-1147'</td> </tr> <tr> <td>Arbuckle</td> <td>3279'</td> <td>-1476'</td> </tr> </table>	Name	Top	Datum	Topeka	2589'	-786'	Heebner	2842'	-1039'	Toronto	2858'	-1055'	Lansing	2950'	-1147'	Arbuckle	3279'	-1476'
Name	Top	Datum																	
Topeka	2589'	-786'																	
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Arbuckle	3279'	-1476'																	

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	12 1/4"	8.375"	24#	421'	65/35 & Common	260	2% Gel, 3% CC
Production	7 7/8"	5 1/2"	17#	3319'	EA-2	130	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 spf	3259' - 3265'	250 Gallons 15% HCL, 359 bbls gel w/ 9100# 16/30 Brady sand	

TUBING RECORD: Size: 2 3/8" Set At: 3278' Packer At: None Liner Run: Yes No

Date of First, Resumed Production, SWD or Enhr. <u>N/A</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil Bbls. <u>15</u>	Gas Mcf <u>0</u>	Water Bbls. <u>5</u>	Gas-Oil Ratio	Gravity <u>34</u>		

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3259' - 3265'</u>
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Wells put in prod. per 5/27/09. Bottom hole temp. 527.19. Prod. 15 bbls from SWD.

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Buffalo Resources, LLC

Oil & Gas Producer

(817) 870-2707
(817) 870-2708 FAX

301 Commerce St., Suite 1380

Ft. Worth, TX 76102-4140

May 2, 2009

Kansas Corporation Commission
130 S Market, Room 2078
Wichita Kansas 67202

RE: Reports
Mog 1-27
340' FSL 830 FWD Sec 27-15S-11W
Russell County, Kansas

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MAY 02 2009

KCC

To whom it may concern:

Please find the ACO-1 forms and the associated logs for the above referenced well. Please keep all records and logs confidential for as long as the rules permit.

If you have any questions please do not hesitate to call at 817-870-2707

Sincerely,
Buffalo Resources, LLC

Matthew Flannery
Land Manager

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Well Name & No. Mag #1-27 Test No. 1 Date 4-14-09
 Company Buffalo Resources LLC Elevation 1983 KB 1975 GL
 Address 301 Commerce Street, Suite 1380 Fort Worth, Texas 76102
 Co. Rep / Geo. Curtis Covey Rig Duke rig 2
 Location: Sec. 27 Twp. 15^s Rge. 11^w Co. Russell State Ko

Interval Tested 3230-3267 Zone Tested Congl
 Anchor Length 37 Drill Pipe Run 3215 Mud Wt. 9.1
 Top Packer Depth 3225 Drill Collars Run - Vis 54
 Bottom Packer Depth 3230 Wt. Pipe Run - WL 8
 Total Depth 3267 Chlorides 4000 ppm System LCM -
 Blow Description TFP - WEAK Blow thru-out 1/2" to 2 1/2" Blow
FFP - WEAK Blow thru-out surface to 1" Blow
NO BLOW ON SHUT-IN

Rec	Feet of	%gas	%oil	%water	%mud
<u>80</u>	<u>COI</u>				
<u>50</u>	<u>046 CM</u>	<u>5</u>	<u>20</u>		<u>75</u>
<u>CONFIDENTIAL</u>					
<u>FEET OF 0 2 2009</u>					
<u>FEET OF</u>					

Rec Total 130 BHT 98 Gravity 34 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1541 Test 2015
 (B) First Initial Flow 16 Jars 2048
 (C) First Final Flow 37 Safety Joint 2310
 (D) Initial Shut-In 1025 Circ Sub 0255
 (E) Second Initial Flow 37 Hourly Standby 0505
 (F) Second Final Flow 65 Mileage 124 RT
 (G) Final Shut-In 1011 Sampler Recorder #5
 (H) Final Hydrostatic 1520 Straddle 8365, 6625
 Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Initial Open 30
 Initial Shut-In 60
 Final Flow 45
 Final Shut-In 90

Sub Total _____ Total _____

Approved By [Signature] Our Representative RAY SCHWAGER THANK YOU

Trilobite Testing Inc. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING, INC.

Buffalo Resources LLC

301 Commerce Street
Suite 1300
Fort Worth Texas 76102
ATTN: Matthew Flanery

Mog #1-27

27-15s-11w Russell

Job Ticket: 36296

DST#: 1

Test Start: 2009.04.14 @ 20:48:23

GENERAL INFORMATION:

Formation: Conglo

Deviated: No Whipstock ft (KB)

Time Tool Opened: 23:05:48

Time Test Ended: 05:05:17

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

Interval: 3230.00 ft (KB) To 3267.00 ft (KB) (TVD)

Total Depth: 3267.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1983.00 ft (KB)

1975.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8365

Inside

Press @ Run Depth: 65.15 psig @ 3235.01 ft (KB)

Start Date: 2009.04.14

End Date:

2009.04.15

Start Time: 20:48:23

End Time:

05:05:17

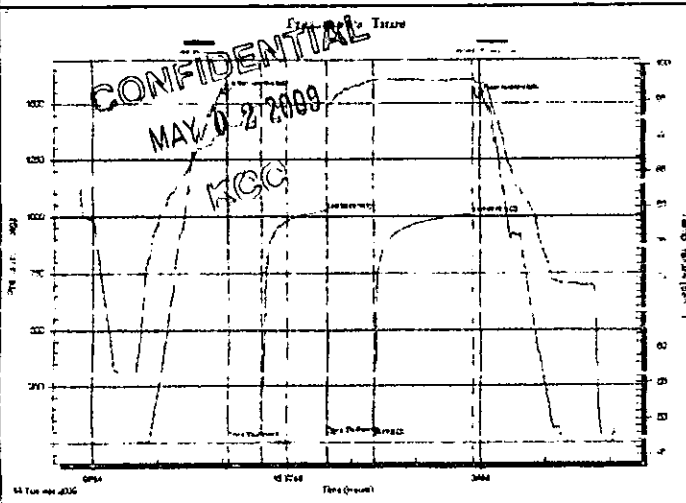
Capacity: 7000.00 psig

Last Calib.: 2009.04.15

Time On Btm: 2009.04.14 @ 23:02:48

Time Off Btm: 2009.04.15 @ 02:57:47

TEST COMMENT: IFF-wk bl thru-out 1/2" to 2 1/2" bl
FFP-wk bl thru-out surface to 1" bl
Times 30-60-45-90
no bl on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1541.67	91.19	Initial Hydro-static
3	16.43	91.26	Open To Flow (1)
34	36.90	94.43	Shut-In (1)
95	1025.77	94.92	End Shut-In (1)
95	37.57	94.55	Open To Flow (2)
138	65.15	97.88	Shut-In (2)
230	1011.04	98.05	End Shut-In (2)
235	1519.88	97.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	CO	1.12
50.00	O&GCM 5% G20% O75% M	0.70

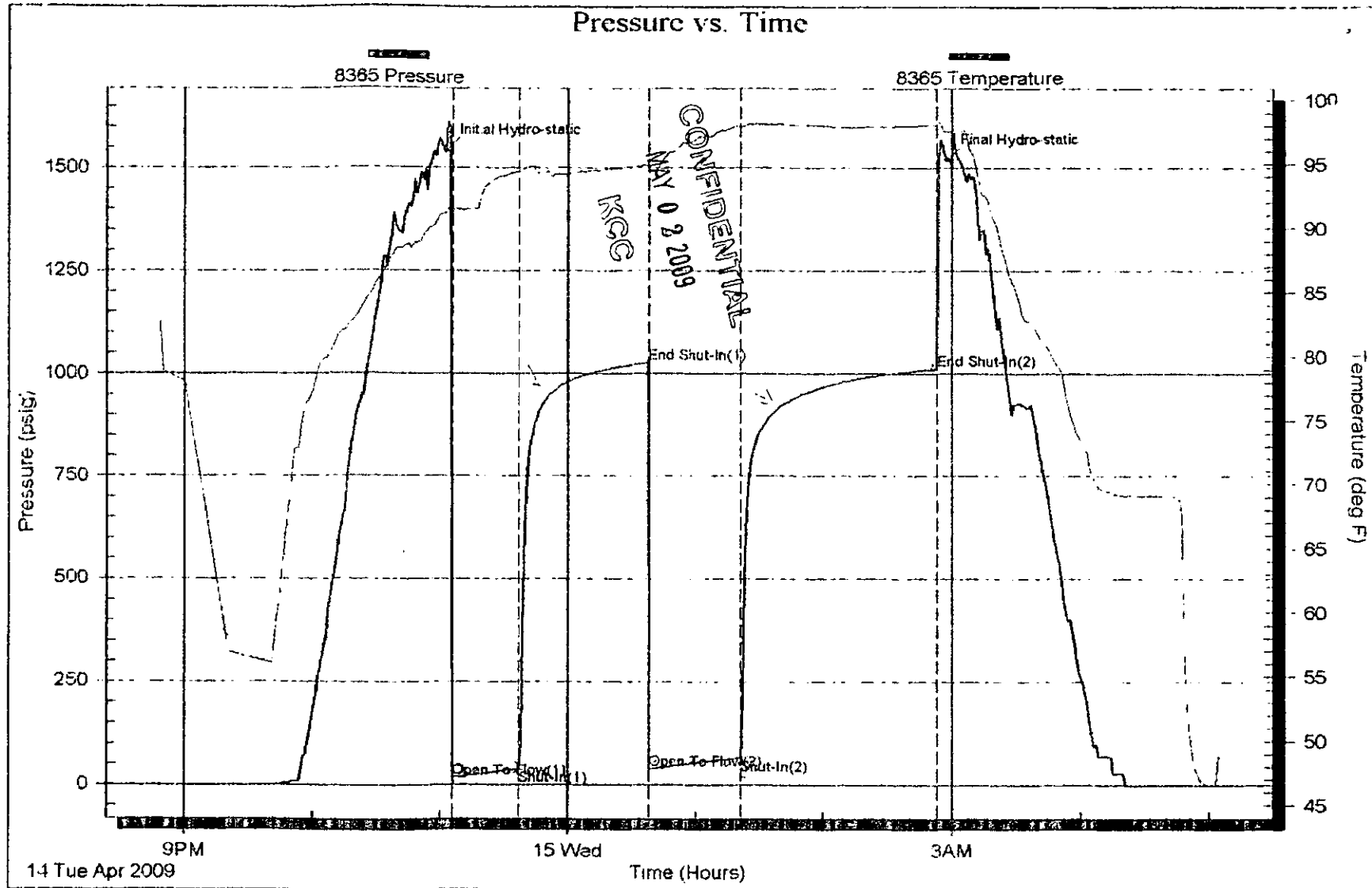
Gas Rates

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

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JOB LOG

SWIFT Services, Inc.

DATE 4-16-09 PAGE NO. 1

CUSTOMER Buffalo Resources WELL NO. 1-27 LEASE Mog JOB TYPE Cement Grouting TICKET NO. 15754

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0715							On location - Rig changing over
	0500							Test 5 1/2" 17' st. casing Reset float shoe w/ auto-fill Latch down E-cells - 53 17 1/2' Coul-collars 1-2-3-4 Drop ball up ball 6 sts out Fin running casing
	0615							Start CIR of Reinforced pipe (Duroflex)
	0630							Fin CIR
	0720		6					Plug RH 20 STS FA-2
			4					Plug 11H 15 STS FA-2
		5					150	Pump 500 PPM 11' acid / Pump
		6					200	Pump 200 PPM 11' acid
		5					100	Start 130 STS FA-2 out
0757		4					110	Fin out
								Wash out Pump & Lines
0800		9					350	Drop Plug - Start Displ water
		9	60				400	Control out 60 BBL Displ
		5 1/4	70				600	Slow rate
0810			76 1/2				1000	Plug Down - 11-66-Release / Hold Wash up / Post up Job complete

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QUALITY OILWELL CEMENTING, INC.

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

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

No. 3082

Date	Sec.	Twp.	Range	County	State	On Location	Finish
4-10-09	27	15	11				12:00pm
Lease <i>Mca</i>	Well No. <i>1-27</i>		Location <i>Letson 10S 3W 1W 3W</i>				
Contractor <i>Duke Drilling Rq 2</i>	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 <i>Surface</i>	T.D. <i>422</i>			Charge To <i>Baldwin Resources, L.L.C.</i>			
Hole Size <i>12 1/4</i>	Depth <i>421</i>			Street			
Csg. <i>8 5/8 24lb</i>	Depth			City State			
Tbg. Size	Depth			The above was done to satisfaction and supervision of owner agent or contractor.			
Drill Pipe	Depth			CEMENT			
Tool	Depth			Amount Ordered			
Cement Left in Csg. <i>45'</i>	Shoe Joint			Common			
Press Max.	Minimum Displace <i>23.91 Bbl</i>			Poz. Mix			
Meas Line	<i>CONFIDENTIAL</i>			Gel.			
Perf.	<i>MAY 09 2009</i>			Calcium			
Pumptrk <i>1</i>	No. Cementer			Mills			
	Helper			Salt			
Bulktrk <i>2</i>	No. Driver			Flowseal			
	Driver			Pumptrk Charge			
Bulktrk <i>3</i>	No. Driver			Mileage			
	Driver			Footage			
JOB SERVICES & REMARKS				Total			
Remarks:				Handling			
<i>Mix 160 65/35 38CC 28lb gal 1/4 Fl Seal</i>				Mileage			
<i>Followed by 100 Com 38CC 28lb gal 1/4 Fl Seal</i>				Pump Truck Charge			
<i>Fl Seal</i>				FLOAT EQUIPMENT:			
<i>Randome plug & displace 23.91 Bbl</i>				Guide Shoe			
<i>Cement old Circulate</i>				Centralizer <i>3 85</i>			
				Baskets			
				AFU Inserts <i>1 85</i>			
				<i>1 85 Wood Plug</i>			
				Rotating Head			
				Squeez Mainfold <i>KANSAS CORPORATION COMMISSION</i>			
<i>Daron Pattaso</i>				Tax			
Signature				Discount			
				Total Charge			

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