

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

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 3792  
Name: J & D Investments  
Address: 1584 Smokey Hill River Rd.  
City/State/Zip: Hays, Ks. 67601  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Jason Dinges  
Phone: (785-623-8060)

API No. 15 165-21801-0000  
County: Rush  
SW SE SW Sec. 30 Twp. 18 S. R. 17  East  West  
550 feet from S / N (circle one) Line of Section  
1650 feet from E / W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:

Contractor: Name: Warren Drilling LLC.  
License: 33724  
Wellsite Geologist: Robert Stolzle

(circle one) NE SE NW SW  
Lease Name: Tammen Well #: 1  
Field Name: Rush Center SE  
Producing Formation: Arbuckle-Conglomerate Ss.  
Elevation: Ground: 1998 Kelly Bushing: 2006  
Total Depth: 3851 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 1127 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.

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  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. \_\_\_\_\_

**Drilling Fluid Management Plan** Act #1 RGR 6/15/07  
(Data must be collected from the Reserve Pit)  
Chloride content 11,000 ppm Fluid volume 240 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: Paul's Oilfield Services Inc.  
Lease Name: Miller #1 SWD License No.: 31085  
Quarter \_\_\_\_\_ Sec. 6 Twp. 19 S. R. 15  East  West  
County: Barton Docket No.: # 21,324

10-07-0X6 10-14-0X6 11-15-0X6  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

**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: [Signature]  
Title: agent Date: 3-21-07  
Subscribed and sworn to before me this 21 day of March,  
2007.  
Notary Public: Christine Schlyer  
Date Commission Expires: 10-12-2010

**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
UIC Distribution

**RECEIVED**  
MAR 23 2007  
KCC WICHITA

**CHRISTINE SCHLYER**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 10-12-2010

Operator Name: J & D Investments Lease Name: Tammen Well #: 1  
 Sec. 30 Twp. 18 S. R. 17  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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" 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 <i>(Submit Copy)</i>  List All E. Logs Run: Dual Induction Log Compensated Density/Neutron Log Dual Receiver Cement Bond Log	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">Log Formation (Top), Depth and Datum</th> <th style="width:25%;">Sample</th> </tr> <tr> <td>Name</td> <td>Top Datum</td> </tr> <tr> <td>Stone Corral Anhy</td> <td>1120 + 886</td> </tr> <tr> <td>Heebner Shale</td> <td>3336 -1330</td> </tr> <tr> <td>Douglas Shale</td> <td>3369 -1363</td> </tr> <tr> <td>Lansing Group</td> <td>3390 -1384</td> </tr> <tr> <td>LKC 'B' Zone Porosity</td> <td>3412 -1406</td> </tr> <tr> <td>LKC 'g' Zone Porosity</td> <td>3487 -1481</td> </tr> <tr> <td>Base Ks. City Gp.</td> <td>3648 -1643</td> </tr> <tr> <td>Conglomerate Ss.</td> <td>3714 -1708</td> </tr> <tr> <td>Arbuckle Fm.</td> <td>3751 -1745</td> </tr> <tr> <td>TD</td> <td>3851</td> </tr> </table>	Log Formation (Top), Depth and Datum	Sample	Name	Top Datum	Stone Corral Anhy	1120 + 886	Heebner Shale	3336 -1330	Douglas Shale	3369 -1363	Lansing Group	3390 -1384	LKC 'B' Zone Porosity	3412 -1406	LKC 'g' Zone Porosity	3487 -1481	Base Ks. City Gp.	3648 -1643	Conglomerate Ss.	3714 -1708	Arbuckle Fm.	3751 -1745	TD	3851
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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	12 1/4	8 5/8"	24	1127	common	425	Cal.Ch 11461b
Production	7 7/8	4 1/2	9.5	3850	common	150	Mud Clear 48 500

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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
4	3714-3719	natural	

TUBING RECORD		Size <u>2 3/8</u>	Set At <u>3800</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>11-15-06</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 <u>n/a</u> Bbls.	Gas Mcf	Water <u>n/a</u> Bbls.	Gas-Oil Ratio	Gravity

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 \_\_\_\_\_



**SALES OFFICE:**  
 100 S. Main  
 Suite #607  
 Wichita, Ks. 67202  
 316-262-3699  
 316-262-5799 FAX

**SALES & SERVICE OFFICE:**  
 10244 NE. Hwy 61  
 P.O. Box 8613  
 Pratt, Ks. 67124-8613  
 620-672-1201  
 620-672-5383 FAX

**SALES & SERVICE OFFICE:**  
 1700 S. Country Estates Rd.  
 P.O. Box 129  
 Liberal, Ks. 67905-0129  
 620-624-2277  
 620-624-2280 FAX

## Invoice

<b>Bill to:</b> J & D Investment Company c/o Jason Dinges 1584 Smokey Hill River Road Hays, KS 67601	2006032	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Station</b>
		610050	10/7/06	15215	Pratt
<b>Service Description</b>					
Cement					
		<b>Lease</b>		<b>Well</b>	<b>Well Type</b>
		Tammen		1	New Well
		<b>AFE</b>		<b>PO</b>	<b>Terms</b>
					Net 30
<b>CustomerRep</b>		<b>Treater</b>			
Terry		Bobby Drake			

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D201	A-CON BLEND (COMMON)	SK	200	\$16.50	\$3,300.00 (T)
D203	60/40 POZ (COMMON)	SK	225	\$10.30	\$2,317.50 (T)
C310	CALCIUM CHLORIDE	LBS	1146	\$1.00	\$1,146.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	150	\$5.00	\$750.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	75	\$3.00	\$225.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	1433	\$1.60	\$2,292.80
E107	CEMENT SERVICE CHARGE	SK	425	\$1.50	\$637.50
R203	CASING CEMENT PUMPER, 1,001-1,500' 1ST 4 HRS ON LC	EA	1	\$1,229.00	\$1,229.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
S100	FUEL SURCHARGE		1	\$127.54	\$127.54

<b>Sub Total:</b>	\$12,275.34
<b>Discount:</b>	\$1,944.32
<b>Discount Sub Total:</b>	\$10,331.02
<b>Rush County &amp; State Tax Rate: 5.30%</b>	<b>Taxes:</b> \$301.69
<b>(T) Taxable Item</b>	<b>Total:</b> <span style="border: 1px solid black; padding: 2px;">\$10,632.71</span>

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

RECEIVED

Accounts are past due net 30 days following the date of invoice. Finance charge of 1 1/2% per month or 18% annual percentage rate will be charged on all past due accounts. Customer shall not withhold payment of any invoice, or assert any right of offset, recoupment or any other defense to payment of any invoice, on account of any right that you may now or hereafter have to payment from us, except for claims arising out of such invoice because of defects in the specific services described in such invoice. Additionally, you hereby waive any right that you may have under any state, federal or other law to assert

MAR 23 2007

KCC WICHITA



**FIELD ORDER** 15215

Subject to Correction

Date <b>10-7-06</b>	Customer ID	Lease <b>Tammen</b>	Well # <b>1</b>	Legal <b>30-185-17W</b>
C H A R G E <b>J + D Investment Co.</b>		County <b>Rush</b>	State <b>Ks.</b>	Station <b>Pratt</b>
<b>c/o Jason Dinges</b>		Depth	Formation	Shoe Joint
<b>1584 Smokey Hill River Road</b>		Casing <b>8 7/8</b>	Casing Depth	TD <b>1127</b>
<b>Hays, KS 67601 (785) 623-8660</b>		Customer Representative <b>Terry</b>	Treater <b>Bobby Drake</b>	Job Type <b>8 3/8 S.P. New Well</b>

AFE Number PO Number Materials Received by **X Rodney Smith**

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	D201	200sk.	A-Con Blend		
P	D203	225sk.	60/40 Poz		
P	C310	1,146lb.	Calcium Chloride		
P	E100	150mi.	Heavy Vehicle Mileage		
P	E101	75mi.	Pickup Mileage		
P	E104	1433tm.	Bulk Delivery		
P	E107	425sk.	Cement Service Charge		
P	R203	1ea.	Cement Pump, 1001' - 1500'		
P	A701	1ea.	Cement Head Rental		
<b>Discounted Price - \$10,203.48</b>					
				<b>RECEIVED</b>	
				<b>MAR 28 2007</b>	
				<b>KCC WICHITA</b>	

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

TOTAL  
Taylor Printing, Inc. 620-672-3656

Customer <i>J &amp; D Investment Co.</i>	Lease No.	Date <i>10-7-06</i>
Lease <i>Tammen</i>	Well # <i>1</i>	
Field Order # <i>15215</i>	Station <i>Pratt</i>	Casing <i>8 5/8</i>
Type Job <i>8 5/8 S.P. New Well</i>	Formation	County <i>Rush</i> State <i>Ks.</i>
		Legal Description <i>30-185-17W</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft	<i>Lead Cont.</i>	Acid <i>200 sk. A-Cox</i>	RATE	PRESS	ISIP	
Depth <i>1129</i>	Depth	From	To	Pre Pad <i>2.0 ft<sup>3</sup></i>	Max		5 Min.	
Volume <i>72 Bbl.</i>	Volume	From	<i>Trail Int.</i>	Pad <i>225 sk. 60/40/02</i>	Min		10 Min.	
Max Press <i>1500</i>	Max Press	From	To	Frac <i>1.25 ft<sup>3</sup></i>	Avg		15 Min.	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>1110</i>	Packer Depth	From	To	Flush <i>71 Bbl.</i>	Gas Volume		Total Load	

Customer Representative <i>Terry</i>	Station Manager <i>Dave Scott</i>	Treater <i>Bobby Drake</i>
Service Units <i>123</i>	<i>309</i>	<i>346</i>
Driver Names <i>Drake</i>	<i>Anthony</i>	<i>LaChance</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1600</i>					<i>On Location - Safety Meeting</i>
<i>1900</i>					<i>Run Csg. - 28 jts. 8 5/8 x 23"</i>
<i>2020</i>					<i>Csg. on Bottom</i>
<i>2030</i>					<i>Hook up to Csg. - Break Circ. w/ Rig</i>
<i>2045</i>	<i>250</i>		<i>10</i>	<i>5.5</i>	<i>H2O Ahead</i>
<i>2048</i>	<i>250</i>		<i>70</i>	<i>5.5</i>	<i>Mix Lead Cement @ 13.0#/gal</i>
<i>2103</i>	<i>200</i>		<i>50</i>	<i>5.5</i>	<i>Mix Tail Cement @ 14.7#/gal</i>
<i>2113</i>					<i>Release Plug</i>
<i>2115</i>	<i>300</i>			<i>7.0</i>	<i>Start Disp.</i>
<i>2125</i>	<i>600</i>		<i>71</i>		<i>Plug Down</i>
					<i>Circulation Thru Job</i>
					<i>Circulated Cement to Pit</i>
					<i>Job Complete</i>
					<i>Thanks, Bobby</i>

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Quality Oilwell Cementing Inc.

845 E Wichita  
P.O. Box 32  
Russell, KS 67665

# Invoice

Date	Invoice #
10/16/2006	127

<b>Bill To</b>
J&D INVESTMENTS CO 1584 SMOKEY HILL RIVER RD HAYS KS 67601



P.O. No.	Terms	Project
	Net 30	

Quantity	Description	Rate	Amount
150	QUALITY PRO-C	13.50	2,025.00T
500	Mudclear	1.50	750.00T
150	handling	1.90	285.00
8,100	.08 * 150 SACKS * 54 MILES	0.08	648.00
1	4 1/2" rubber plug	52.00	52.00T
4	4 1/2" centralizers	44.00	176.00T
1	4 1/2" guide shoe	126.00	126.00T
1	4 1/2" afu insert	200.00	200.00T
1	PRODUCTION STRING	1,600.00	1,600.00T
54	pump truck mileage charge	5.00	270.00
	LEASE: TAMMEN WELL #1		
	Rush county Sales Tax	5.30%	261.24
Thank you for your business. Dave		<b>Total</b>	\$6,393.24

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**MAR 23 2007**  
**KCC WICHITA**

# QUALITY OILWELL CEMENTING, INC.

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

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

No. 1275

Date	10-14-06	Sec.	30	Twp.	12	Range	17	Called Out		On Location		Job Start		Finish	8:15 PM
Lease	Trainer	Well No.	1	Location			Wichita	3015	County	Wichita	State	KS			
Contractor	Warren Dr., King, 17							Owner	J & D Investment Co						
Type Job	Prod String							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	7 7/8	T.D.	3850												
Csg.	4 1/2	Depth	3850												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	20'	Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace	10.5 x 7.0												
Perf.			60.89 RBL												

CEMENT 500 gal @ 1.50 = 750.00  
Mud Clean 48 500 @ 1.50 = 750.00

**EQUIPMENT**

Pumptrk	1	No.	Cementor	1
			Helper	1
Bulktrk	2	No.	Driver	2
			Driver	2
Bulktrk		No.	Driver	2
			Driver	2

Amount Ordered	150 @ 13.50 = 2025.00
Consisting of	
Common	150 @ 13.50 = 2025.00
Poz. Mix	
Gel.	

**JOB SERVICES & REMARKS**

Pumptrk Charge	prod string	1600.00
Mileage	54 @ 5.00	270.00
Footage		
Total		1870.00

Mud Clean 48	500 @ 1.50	750.00
Handling	150 @ 1.90	285.00
Mileage	84 @ 7.80 per sk per mile	648.00
Part TRUCK CHARGE		
Sub Total		1870.00
Total		

Remarks:  
Plug Rod to 15' L  
Landed plug @ 1000 psi  
Flow - 100  
No d.  
5/16" @ 500 psi

Sales Tax		
Handling	150 @ 1.90	285.00
Mileage	84 @ 7.80 per sk per mile	648.00
Part TRUCK CHARGE		
Sub Total		1870.00
Total		
Floating Equipment & Plugs	520.00	520.00
Squeeze Manifold	126.00	126.00
Rotating Head	1 1/2" Eucro Spc	200.00
	1 1/2" Invert	200.00
	1 1/2" Invert	176.00

X Signature Terry L. Hummer

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MAR 23 2007  
KCC WICHITA  
Tax 261.24  
Discount  
Total Charge 6,393.24