

Operator Name: Murfin Drilling Company, Inc. Lease Name: JKB UNIT Well #: 1-15
 Sec. 15 Twp. 05 S. R. 31 East West County: Rawlins

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 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 <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction, Compensated Porosity, Microresistivity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED LIST
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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	23#	219	Common	160	3% cc, 2% gel
Production		5 1/2	15.5#	4502	EA-2	175 sx	10% salt, 5% cal seal

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 checked="" type="checkbox"/> Plug Off Zone	3972-3978	Common	50	

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
4	3972-3978 LKC "F"	250 gal 15% MCA, then squeezed	
4	3972-3978 LKC "F"	250 gal 15% MCA, 500 gal 15% NEFE	
4	4058-4064 LKC "J" and 4086-4090 LKC "K"	250 gal 15% MCA, 750 gal 15% NEFE	
4	4336-4342 Cherokee and 4357-4361 Basal Penn Sand	250 gal 7.5% FE - CIBP @ 4430'	
4	4458-4466 Mississippi	250 gal 15% MCA	

TUBING RECORD	Size Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8 4388		

Date of First, Resumed Production, SWD or Enhr. 02/04/09	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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	50		2		RECEIVED

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	Production Interval
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MAR 18 2009

KCC WICHITA

MDCI
 JKB UNIT #1-15
 1450 FNL 2450 FWL
 Sec. 15-T5S-R31W
 2881' KB

Edward J. Ackman
 #1 Gary Erickson
 130' W C SW SW
 Sec. 11-T5S-R31W
 2818' KB

Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	2601	+280	+1	2601	+280	+1	2539	+279
B/Anhydrite	2639	+242	+2	2635	+246	+6	2578	+240
Topeka	3675	-794	+11	3678	-797	+8	3623	-805
Heebner	3844	-963	+16	3850	-969	+10	3797	-979
Lansing	3895	-1014	+10	3898	-1017	+7	3842	-1024
Lansing C	3921	-1040	+15	3928	-1047	+8	3843	-1055
Stark	4068	-1187	+7	4068	-1187	+7	4012	-1194
BKC	4122	-1241	+11	4123	-1242	+10	4070	-1252
L. Cher.	4315	-1434		4316	-1435			
Mississippi	4444	-1563		4428	-1547		NDE	
RTD	4508						4080	-1262
LTD				4510			4081	-1263

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 MAR 18 2009
 KCC WICHITA

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

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

West. Liz

INVOICE

Invoice Number: 117088

Invoice Date: Nov 15, 2008

Page: 1

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

JKB Unit #1-15

Customer ID	Well Name# or Customer P.O	Payment Terms	
Murfin	JHB #1-15	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1	Oakley	Nov 15, 2008	12/15/08

Quantity	Item	Description	Unit Price	Amount
160.00	MAT	Class A Common	15.45	2,472.00
3.00	MAT	Gel	20.80	62.40
6.00	MAT	Chloride	58.20	349.20
169.00	SER	Handling	2.40	405.60
44.00	SER	Mileage 169 sx @ .10 per sk per mi	16.90	743.60
1.00	SER	Surface	1,085.00	1,085.00
44.00	SER	Mileage Pump Truck	7.00	308.00
1.00	SER	Manifold & Head Rental	113.00	113.00
1.00	EQP	Plug	68.00	68.00

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Account	Unit Rig	W L	No.	Amount	Description
03600	00895		334	5792.75	Cement S.C.S
				(560.68)	

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

\$ 560.68

ONLY IF PAID ON OR BEFORE

Dec 15, 2008

Subtotal	5,606.80
Sales Tax	185.95
Total Invoice Amount	5,792.75
Payment/Credit Applied	
TOTAL	5,792.75

011

560.68

5232.07

ALLIED CEMENTING CO.. LLC. 043968

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

SERVICE POINT: Onsite

DATE <u>11-15-08</u>	SEC. <u>1S</u>	TWP. <u>5S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>5:30pm</u>	JOB START <u>7:30pm</u>	JOB FINISH <u>10:00pm</u>
LEASE <u>3KB</u>	WELL# <u>1-15</u>	LOCATION <u>Rexford 7w-4 1w</u>	COUNTY <u>Rawlins</u>	STATE			
OLD OR <u>NEW</u> (Circle one)		<u>2w-2w-1 1/2 n 2w</u>					

CONTRACTOR Murphy 48
 TYPE OF JOB Surfaco
 HOLE SIZE 12 1/4 T.D. 218'
 CASING SIZE 8 1/8 DEPTH 218'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 12.9 gals

OWNER _____
 CEMENT AMOUNT ORDERED 1600 com 390cc
2 1/2 sac

COMMON	<u>1600</u>	@	<u>15.45</u>	<u>2472.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.00</u>	<u>60.00</u>
CHLORIDE	<u>6</u>	@	<u>58.30</u>	<u>349.80</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>169</u>	@	<u>2.45</u>	<u>405.00</u>
MILEAGE	<u>110 x 94 mile</u>	@		<u>743.00</u>
TOTAL				<u>4092.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Lesly
 # 431 HELPER Kelly
 BULK TRUCK
 # 347 DRIVER Jerry
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Cement did circulate
Plus down @ 9:45pm
Thanks Lesly & crew

SERVICE

DEPTH OF JOB	<u>218'</u>		
PUMP TRUCK CHARGE			<u>1085.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>44</u>	@	<u>7.00</u>
MANIFOLD thread		@	<u>113.00</u>
		@	
TOTAL			<u>1506.00</u>

CHARGE TO: Murphy Dals.
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>1-8 1/8 plug</u>	@	<u>68.00</u>
	@	
	@	
	@	
	@	
TOTAL		<u>68.00</u>

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cement and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME LARRY PICKNER
 SIGNATURE Larry Pickner

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

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 KCC WICHITA



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
1/14/2009	15344

BILL TO
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661

- Acidizing
- Cement
- Tool Rental

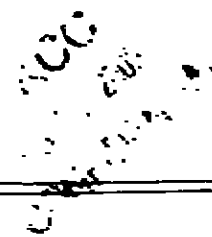
TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-15	J.K.B. <i>Uai</i>	Decatur	Murfin Drilling	Oil	Development	Squeeze Perfs	Dave
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				120	Miles	7.00	840.00
578D-D	Pump Charge - Deep Squeeze (> 1500 Ft.)				1	Job	1,400.00	1,400.00
286	Halad-1 (Halad 9)				18	Lb(s)	6.50	117.00T
288	Sand (20/40 Brady)				2	Sack(s)	25.00	50.00T
290	D-Air				1	Gallon(s)	35.00	35.00T
325	Standard Cement				50	Sacks	13.00	650.00T
581D	Service Charge Cement				100	Sacks	1.90	190.00
583D	Drayage				564	Ton Miles	1.75	987.00
	Subtotal							4,269.00
	Sales Tax Decatur County						6.30%	53.68
USED FOR <u>NEW WELLS</u>								
APPROVED <u>JK</u>								
							RECEIVED MAR 18 2009 KCC WICHITA	

Thank You For Your Business In 2008!
We Look Forward To Serving You In 2009!

Total \$4,322.68



CHARGE TO: MURFW DRUG
 ADDRESS:
 CITY, STATE, ZIP CODE:



TICKET No 15344

PAGE 1 OF 1

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SERVICE LOCATIONS 1. <u>HAYS</u>	WELL/PROJECT NO. <u>1-15</u>	LEASE <u>JKB UNIT</u>	COUNTY/PARISH <u>Decatur</u>	STATE <u>KS</u>	CITY	DATE <u>01-14-09</u>	OWNER
2. <u>NESS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>MURFIN</u>	SHIPPED VIA <u>C.T.</u>	DELIVERED TO <u>Zellner, Decatur, 1/14/09</u>	ORDER NO.	
3.	WELL TYPE <u>OIL</u>	WELL CATEGORY <u>Develop</u>	JOB PURPOSE <u>SD-PELES</u>	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE		AMOUNT	
		LOC	ACCT	DF									
<u>575</u>		<u>1</u>			<u>MILEAGE #112</u>	<u>120</u>	<u>mi</u>			<u>7.00</u>	<u>840.00</u>		
<u>578</u>		<u>1</u>			<u>Pump SERVICE</u>	<u>1</u>	<u>EA</u>			<u>1400.00</u>	<u>1400.00</u>		
<u>286</u>		<u>1</u>			<u>HRAD</u>	<u>18</u>	<u>LB</u>			<u>6.50</u>	<u>117.00</u>		
<u>288</u>		<u>1</u>			<u>20-40 SAND</u>	<u>2</u>	<u>SK</u>			<u>25.00</u>	<u>50.00</u>		
<u>290</u>		<u>1</u>			<u>DAIR</u>	<u>1</u>	<u>GAZ</u>			<u>35.00</u>	<u>35.00</u>		
<u>325</u>		<u>2</u>			<u>5th CAT</u>	<u>50</u>	<u>SK</u>			<u>13.00</u>	<u>650.00</u>		
<u>581</u>		<u>2</u>			<u>SERVICE CHG CAT</u>	<u>100</u>	<u>SK</u>			<u>1.90</u>	<u>190.00</u>		
<u>583</u>		<u>2</u>			<u>SERVICE</u>	<u>564</u>	<u>TM</u>			<u>1.75</u>	<u>987.00</u>		

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X Brad Sles

DATE SIGNED 01-14-09 TIME SIGNED 0845 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				<u>Decatur TAX 6.3%</u>	<u>53.68</u>
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	<u>4322.68</u>
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

JGB LOG

SWIFT Services, Inc.

DATE 01-14-09 PAGE NO. 7

CUSTOMER MURFIN DRG WELL NO. 1-15 LEASE JTB UNIT JOB TYPE SQ-PEERS TICKET NO. 15344

CHART NO.	TIME	RATE (BPM)	VOLUME (BBU) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0845							DRILLATION CMT: 10050 w/ HALAD 0.5% 2 3/8" x 1/2", RBP 4038, PEERS 3972-78
	0905		8.0	✓		1500		PSI TEST TOOLS P/R @ 3996
	0915	2.5	0	✓		200		CIRC OIL OUT, LONGWELL
			3.2	✓		300		CIRC SALT WATER
			5.0	✓		600		CIRC OIL OUT
	0950		9.0	✓		600		END WAIT ON WATER!
	1030		14.0	✓				SPOT SAND, P/R @ 3996
	1050 1050				✓		800	Pull P/R up to 3863 TO SQ
	1100		2.3		✓		500	LOAD ANNUIS
	1105	1.0	7.0	✓		1000		INITIATE
	1110	1.0	2.0	✓		1500		RATE 1.00 gpm @ 1500 PSI
	1112	1.0	0	✓		1500		START CMT 2550 w/ 3/4% HALAD
		1.5	5.2	✓		1300		" CMT 2550 NEAT
		1.5	10.5	✓		1200		END CMT TOTAL CMT 5050S
								WASH UP P/L
	1100	1.2	0	✓		1300		START DISP 3550S IN PEERS
		1.2	7.0	✓		1600		CMT ON PEERS
		1.0	8.0	✓		1750		
		1.7	10.0	✓		1900		
		1.5	11.0	✓		2000		
		1.2	12.0	✓		2100		
	1147	1.2	14.0	✓		2200		END DISP. 9661 IN TBG
	1150	2	14.0	✓		2200		STAGE
	1200			✓		1000/2200		RELEASE WONT HOLD 1000 PSI
	1215			✓		500/2200		" " " 500 PSI
	1230			✓		10		RELEASE DRV!
	1235	2.0	0	✓		450		REIN OUT
			14.0	✓				CMT
			15.0	✓				CMT
	1245		20.0	✓				END
								PULL 6 JOINTS
	1310			✓		500		PSI UP SQ, CLOSE IN
								WASH UP, P/R UP
	1400							JOB COMPLETE THANK YOU! DAVE, JESSE B, JANE M.

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P. O. Box 466
 Ness City, KS 67560
 Off: 785-798-2300



Invoice

DATE	INVOICE #
11/25/2008	15222

BILL TO
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661

- Acidizing
- Cement
- Tool Rental

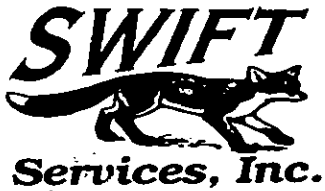
TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-15	JKB Unit	Rawlins	Company Tools #8	Oil	Development	Cement LongStri...	Nick

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	120	Miles	7.00	840.00
578D-L	Pump Charge - Long String - 4508 Feet	1	Job	1,400.00	1,400.00
221	Liquid KCL (Clayfix)	4	Gallon(s)	26.00	104.00T
280	Flocheck 21	500	Gallon(s)	3.00	1,500.00T
290	D-Air	2	Gallon(s)	35.00	70.00T
402-5	5 1/2" Centralizer	15	Each	100.00	1,500.00T
403-5	5 1/2" Cement Basket	2	Each	300.00	600.00T
404-5	5 1/2" Port Collar	1	Each	2,300.00	2,300.00T
406-5	5 1/2" Latch Down Plug & Baffle	1	Each	260.00	260.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill	1	Each	325.00	325.00T
413-5	5 1/2" Roto Wall Scratcher	22	Each	40.00	880.00T
419-5	5 1/2" Rotating Head Rental	1	Each	250.00	250.00T
325	Standard Cement	225	Sacks	13.00	2,925.00T
276	Flocele	50	Lb(s)	1.50	75.00T
283	Salt	1,150	Lb(s)	0.20	230.00T
284	Calseal	11	Sack(s)	30.00	330.00T
285	CFR-1	150	Lb(s)	4.50	675.00T
581D	Service Charge Cement	225	Sacks	1.90	427.50
583D	Drayage	1,416	Ton Miles	1.75	2,478.00
	Subtotal				17,169.50
	Sales Tax Rawlins County			6.30%	757.51

USED FOR NEW WELLS
 APPROVED [Signature]

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We Appreciate Your Business!	Total	\$17,927.01
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CHARGE TO: Martin Drly Co. Inc
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

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 KCC WICHITA

TICKET No. 15222
 PAGE 1 OF 2

SERVICE LOCATIONS
 1. Hays, Ks.
 2. Ness City, Ks.

WELL/PROJECT NO. #1-15 LEASE JKB Unit COUNTY/PARISH Rawlins STATE Ks CITY _____ DATE 11-25-08 OWNER same

TICKET TYPE SERVICE SALES CONTRACTOR Co Tools #8 RIG NAME/NO. _____ SHIPPED VIA Location DELIVERED TO _____ ORDER NO. _____

WELL TYPE oil WELL CATEGORY Development JOB PURPOSE Cement longstring WELL PERMIT NO. _____ WELL LOCATION _____

REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M			
575		1			MILEAGE #111	120	mi	7	100	8400
578		1			Pump Charge (Longstring)	1	ea	1400	100	140000
221		1			Liquid KCL	4	gal	26	100	10400
280		1			Flocheck 21	500	gal	3	100	150000
290		1			D-Air	2	gal	35	100	7000
402		1			Centralizers	15	ea	100	100	150000
403		1			Baskets	2	ea	300	100	60000
404		1			Part Collar	1	ea	2300	100	230000
406		1			L.D. Plug + Baffle	1	ea	260	100	26000
407		1			Insert Float Shoe w/fill	1	ea	325	100	32500
413		1			Rotowall scratchers	22	ea	40	100	88000
419		1			Rotating Head	1	ea	250	100	25000

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X Buck Selas
 DATE SIGNED 11-25-08 TIME SIGNED 1915 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE		
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL 1	1002900
WE UNDERSTOOD AND MET YOUR NEEDS?				page 2	719050
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	1716950
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Rawlins TAX 3.7%	75751
ARE YOU SATISFIED WITH OUR SERVICE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	17,927,011
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 15222

CUSTOMER: *Martin Doly Co. Inc.* WELL: *#1-15 JKB Unit* DATE: *11-25-08* PAGE: *2* OF: *2*

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF									
325		2				Standard Cement	225	sk			13.00	2925	00
276		2				Fluocel	50	#	1/4	#	1.50	75	00
283		2				Salt	1150	#	10	%	20	230	00
284		2				Calseal	11	sk	5	%	30.00	330	00
285		2				CFR-1	150	#	4.5	%	4.50	675	00
RECEIVED MAR 18 2009 ROC WICHITA													
581		2				SERVICE CHARGE	225	sk			1.90	427	50
583		2				MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES		1.75	2478	00
							23600	120	1416 TM				

TICKET CONTINUATION TOTAL 7140.50

JOB LOG

SWIFT Services, Inc.

DATE 11-25-08 PAGE NO. 7

CUSTOMER *Murphy Drilling Co. Inc*

WELL NO. # *1-15*

LEASE *JKB Unit*

JOB TYPE *Cement Logging*

TICKET NO. *15222*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	<i>1315</i>							<i>on loc w/FE</i>
								<i>RTD 4508'</i>
								<i>5 1/2" x 15.5" x 4502' x 62'</i>
								<i>Cent. 1-14, 47</i>
								<i>Baskets 47, 48</i>
								<i>P.L. 48 @ 2609'</i>
								<i>Insert Top of #2</i>
	<i>1500</i>							<i>Bstart FE</i>
	<i>1700</i>							<i>Break Circ.</i>
	<i>1815</i>	<i>3.5</i>	<i>0</i>			<i>250</i>		<i>start KCL flush</i>
	<i>1817</i>	<i>3.5</i>	<i>10/0</i>			<i>250</i>		<i>start Flocheck</i>
	<i>1820</i>	<i>3.5</i>	<i>12/0</i>			<i>250</i>		<i>start KCL flush</i>
	<i>1822</i>	<i>5</i>	<i>5/0</i>			<i>300</i>		<i>start Cement 175sks EA-2</i>
	<i>1830</i>		<i>42</i>					<i>End Cement</i>
								<i>Wash P4L</i>
								<i>Drop Plug</i>
	<i>1835</i>	<i>5</i>	<i>0</i>			<i>200</i>		<i>start Displacement</i>
	<i>1849</i>	<i>3.5</i>	<i>69</i>			<i>250</i>		<i>Catch Cement</i>
	<i>1854</i>		<i>105.6</i>			<i>800/1200</i>		<i>Land Plug</i>
								<i>Release Pressure</i>
								<i>Float Held</i>
	<i>1905'</i>	<i>2</i>	<i>6</i>					<i>Plug RH 50sks EA-2</i>

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MAR 18 2009

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Thank you

Nick, Josh F. + Dave K.



P. O. Box 466
 Ness City, KS 67560
 Off: 785-798-2300



Invoice

DATE	INVOICE #
12/16/2008	15328

BILL TO
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-15	JKB <i>Unit</i>	Decatur	Murfin Drilling	Oil	Development	Cement Port Collar	Dave
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				120	Miles	7.00	840.00
578D-D	Pump Charge - Port Collar				1	Job	1,400.00	1,400.00
290	D-Air				2	Gallon(s)	35.00	70.00T
330	Swift Multi-Density Standard (MIDCON II)				190	Sacks	16.00	3,040.00T
276	Flocele				88	Lb(s)	1.50	132.00T
581D	Service Charge Cement				350	Sacks	1.90	665.00
583D	Drayage				2,096.88	Ton Miles	1.75	3,669.54
	Subtotal							9,816.54
	Sales Tax Decatur County						6.30%	204.25
USED FOR <u>NEW WELL</u> APPROVED <u>ST R</u>								
							RECEIVED MAR 18 2009 KCC WICHITA	

**Thank You For Your Business &
 Best Wishes For A Wonderful Holiday Season!!**

Total \$10,020.79



CHARGE TO: MURFIN DRUG
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET No 15328

PAGE 1 OF 1

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 MAR 18 2008
 MCC WICHITA

SERVICE LOCATIONS 1. <u>HAYS</u>	WELL/PROJECT NO. <u>1-15</u>	LEASE <u>JHB</u>	COUNTY/PARISH <u>DECATUR</u>	STATE <u>KS</u>	CITY	DATE <u>12-16-08</u>	OWNER
2. <u>NESS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>MURFIN WELL</u>	SHIPPED VIA <u>SE</u>	DELIVERED TO <u>2nd W 2nd N 1/2 Sec 17 1/2 E 1/2</u>	ORDER NO. <u>RECEIVED</u>	
3.	WELL TYPE <u>DIL</u>	WELL CATEGORY <u>Drilling</u>	JOB PURPOSE <u>CMT: PORT COLUMBIA</u>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
525		1			MILEAGE #112	120	mi			7.00	840	00
578		1			Pump Service	1	hr			1400.00	1400	00
290		1			D-AIR	2	gal			35.00	70	00
330		2			SMO CMT	190	sq			16.00	3040	00
276		2			FUDGE	88	lb			1.50	132	00
581		2			SERVICE CHG CMT	350	sq			1.90	665	00
583		2			DEAMEE	209	lb			1.25	2612.50	54

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X [Signature]
 DATE SIGNED 12/16/08 TIME SIGNED 1230 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	9,816.54
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Decatur TAX 6.3%	204.25
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	10,020.79
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

SWIFT OPERATOR [Signature] APPROVAL

Thank You!



March 18, 2009

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

Re: **Confidential Filing:** ACO-1
API #15-153-20868-0000
JKB UNIT 1-15

To Whom It May Concern:

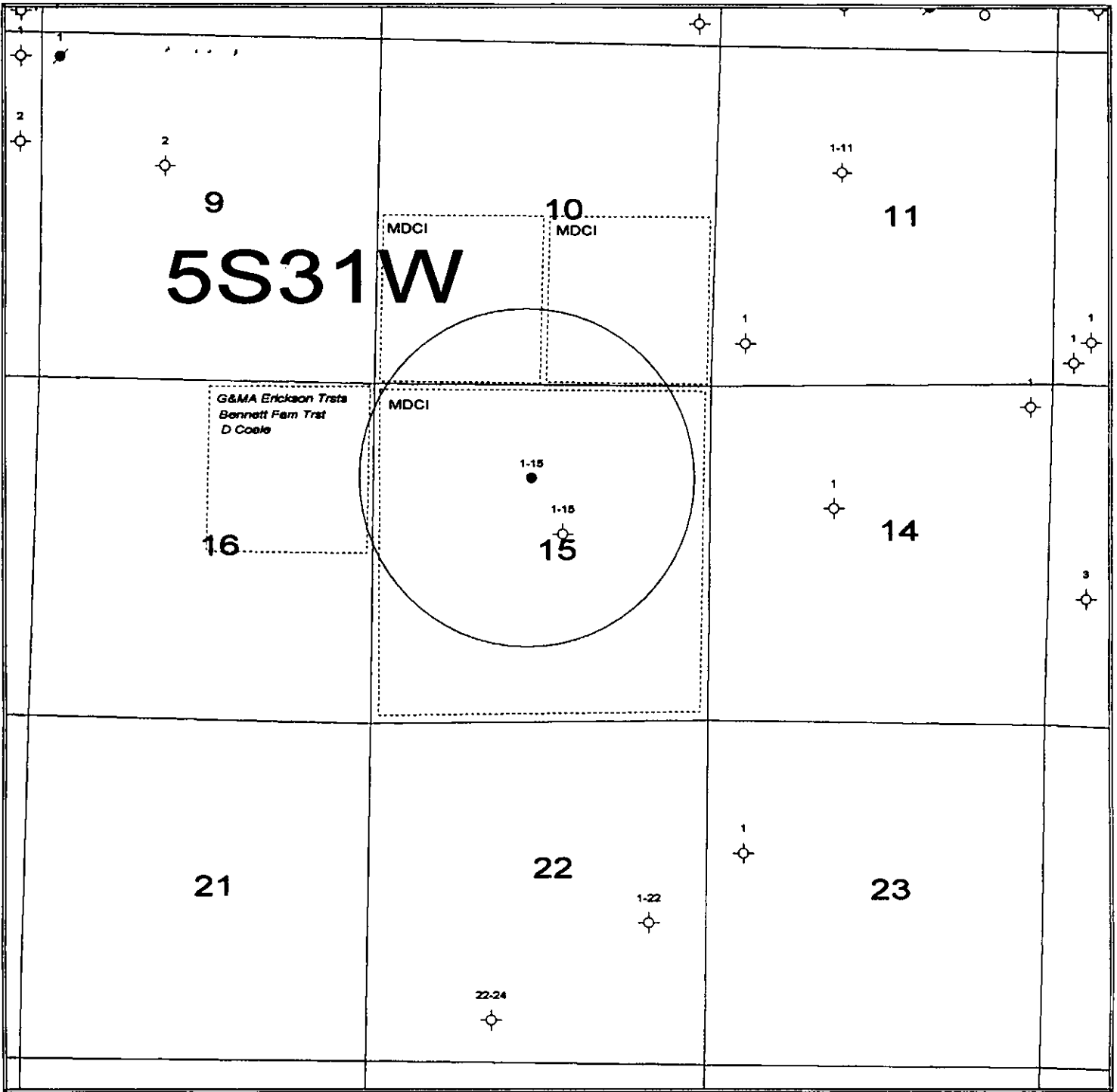
We are requesting the above referenced well to be held confidential for the maximum of two years.
Let me know if you need any further information on this.

Sincerely,

A handwritten signature in black ink, appearing to read "Elisabeth Heibel". The signature is fluid and cursive, with a large loop at the end.

Elisabeth Heibel

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LEGEND

- ⊕ DRY HOLE
- OIL WELL
- △ WATER DISPOSAL WELL
- PLUGGED OIL WELL

Murfin Drilling Company, Inc.		
JKB Unit #1-15 Commingle Application Sec. 15-5S-31W, Rowins Co., KS		
Ken Dean		3/16/2010
Scale 1:7000		

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APR 12 2010
KCC WICHITA

Affidavit of Notice Served

Re: ACO-4 Application for Commingling of Production Fluids

Schippers 1-17

<u>Name</u>	<u>Address</u>
Murfin Drilling Company, Inc.	250 N Water, Suite 300 Wichita, Ks 67202
Gary L Erickson, Trustee Gary L Erickson Rev. Trst.	403 E. Commercial Oberlin, KS 67749
Mary Ann Erickson, Trustee Mary Ann Erickson Rev. Trst.	403 E. Commercial Oberlin, KS 67749
Phillip T & Charlene M Bennett Trustees of the Bennett Fam. Trst.	431 St. Andrews Drive Aptos, CA 95003
Darcy Coale	42400 Soda Creek Lane Steamboat Springs, CO 80487

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APR 12 2010
KCC WICHITA

Affidavit of Notice Served

Re: Application for: ACO-4 Application for Commingling of Production or Fluids

Well Name: JKB Unit #1-15 Legal Location: NE NE SE NW Sec. 15-5S-31W, Rawlins Co.

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 25 of March

2010, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

Note: A copy of this affidavit must be served as a part of the application.

Name	Address (Attach additional sheets if necessary)
------	---

SEE ATTACHED

I further attest that notice of the filing of this application was published in the Rawlins County Square Deal, the official county publication of Rawlins county. A copy of the affidavit of this publication is attached.

Signed this 25 day of March, 2010

Kenneth Deann

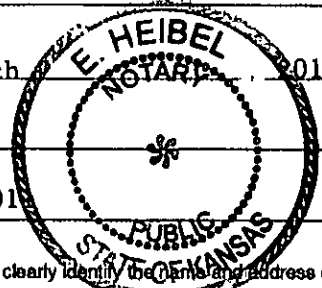
Applicant of Duly Authorized Agent

Subscribed and sworn to before me this 25 day of March, 2010

[Signature]

Notary Public

My Commission Expires: 04/11/2011



Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 15 days of the publication notice of the application.

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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APR 12 2010
KCC WICHITA

AFFIDAVIT

STATE OF KANSAS \
- SS.
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, deposeth and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has been continuously and uninterruptedly published in said County for more than one year prior to the first publication of the notice hereinafter mentioned, and which said newspaper has been entered as second class mail matter at the United States Post Office in Wichita, Kansas, and which said newspaper is not a trade, religious or fraternal publication and that a notice of a true copy is hereto attached was published in the regular and entire Morning issue of said The Wichita Eagle for 1 issues - weeks, that the first publication of said notice was

made as aforesaid on the 12th of

February A.D. 2010, with subsequent publications being made on the following dates:

And affiant further says that he has personal knowledge of the statements above set forth and that they are true.

Mark Fletchall

Subscribed and sworn to before me this

12th day of February, 2010

LINDA D. TOON
Notary Public - State of Kansas
My Appt. Expires 3-13-2013

Linda D. Toon
Notary Public Sedgwick County, Kansas

Printer's Fee : \$76.00

LEGAL PUBLICATION
Published in the Wichita Eagle
February 12, 2010 (3014708)
BEFORE THE STATE
CORPORATION COMMISSION
OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION
RE: Murfin Drilling Co., Inc. - Application for
Commining of Production of the JKB Unit
#1-15, located in Rawlins County, Kansas.
TO: All Oil and Gas Producers, Unleased,
Mineral Interest Owners, Landowners, and
all persons whomsoever concerned.
You, and each of you, are hereby notified,
that Murfin Drilling Company, Inc. has filed
an application for Commining of
Production from the Lansing, Kansas City,
Cherokee, and Basal Penn Sand at the JKB
Unit #1-15 well located in the NE NE SE NW
of Sec. 15-5S-31W, Rawlins Co., KS.
Any persons who object to or protest this
application shall be required to file their
objections or protest with the Conservation
Division of the State Corporation
Commission of the State of Kansas within
fifteen (15) days from the date of this
publication. These protests shall be pursuant
to Commission regulations and must state
specific reasons why the grant of the
application may cause waste, violate
conrelative rights or pollute the natural
resources of the State of Kansas.
All persons interested or concerned shall
take notice of the foregoing and shall govern
themselves accordingly.
Murfin Drilling Company, Inc.
250 N. Water, Suite 300
Wichita, KS 67202
(316-267-224)

RECEIVED
APR 12 2010
KCC WICHITA

Affidavit of Publication
STATE OF KANSAS, RAWLINS COUNTY, ss:

George Snyderstrup

Being first duly sworn, Deposes and says: That
he is

EDITOR-OWNER

of the Rawlins County Square Deal, a weekly Newspaper printed in the State of Kansas, and published in and of general circulation in Rawlins County, Kansas, with a general paid circulation on a weekly basis in Rawlins County, Kansas, and that said newspaper is not a trade, religious nor fraternal publication.

Said newspaper is a Weekly published at least weekly 50 times a year; has been so published continuously and uninterruptedly in said county and state for a period of more than one year prior to the first publication of said notice and was designated by Resolution 93 R 8 of the Rawlins County Commissioners to be the official county newspaper and further designated by Resolution 93 R 9 of the Atwood City Council to be the official city newspaper. The Rawlins County Square Deal has been admitted at the post office of Atwood in said County as second class matter.

That the attached notice is a true copy thereof and was published in the regular and entire issue of said newspaper

for 1 consecutive weeks, the first publication thereof

being made as aforesaid on the 4th day of February

2010, with subsequent publications being made on the following dates:

_____, 2010 _____, 20____
_____, 2010 _____, 20____
_____, 2010 _____, 20____

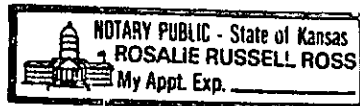
George L Snyderstrup

Subscribed and sworn to before me this 8th day of

February, 2010.

Rosalie Russell Ross
Notary Public

My appointment expires: 4-17-2011



Printer's fee: \$ 39.75

Additional copies: \$ _____

(First published in The Rawlins County Square Deal Thursday, Feb. 4, 2010)

BEFORE THE STATE
CORPORATION COMMISSION
OF THE STATE OF KANSAS

NOTICE OF FILING
APPLICATION

RE: Murfin Drilling Co., Inc. Application for Commingling of Production on the JKB Unit #1-15, located in Rawlins County, Kansas.

TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whom ever concerned.

You, and each of you, are hereby notified that Murfin Drilling Company, Inc., has filed an application for Commingling of Production from the Lansing/Kansas City, Cherokee, and Basal Penn Sand at the JKB Unit #1-15 well located in the NE NE SE NW of Sec. 15-5S-31W, Rawlins Co., KS.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days from the date of this publication. These protests shall be pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Murfin Drilling Company, Inc.
250 N. Water, Suite 300
Wichita, KS 67202
316-267-3241

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APR 12 2010

KCC WICHITA

Operator Name: Murfin Drilling Company, Inc. Lease Name: JKB UNIT Well #: 1-15
 Sec. 15 Twp. 05 S. R. 31 East West County: Rawlins

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 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 <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction, Compensated Porosity, Microresistivity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED LIST
---	---

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	23#	219	Common	160	3% cc, 2% gel
Production		5 1/2	15.5#	4502	EA-2	175 sx	10% salt, 5% cal seal

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 checked="" type="checkbox"/> Plug Off Zone	3972-3978	Common	50	

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	3972-3978 LKC "F"	250 gal 15% MCA, then squeezed	
4	3972-3978 LKC "F"	250 gal 15% MCA, 500 gal 15% NEFE	
4	4058-4064 LKC "J" and 4086-4090 LKC "K"	250 gal 15% MCA, 750 gal 15% NEFE	
4	4336-4342 Cherokee and 4357-4361 Basal Penn Sand	250 gal 7.5% FE - CIBP @ 4430'	
4	4458-4466 Mississippi	250 gal 15% MCA	

TUBING RECORD	Size Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2-3/8	4388		

Date of First, Resumed Production, SWD or Enhr. 02/04/09	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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	50		2		

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)* METHOD OF COMPLETION Open Hole Perl. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

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APR 12 2010
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CONFIDENTIAL

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

FILE COPY

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: Bob Stolzie
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. _____

<u>11/15/08</u>	<u>11/24/08</u>	<u>01/23/09</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

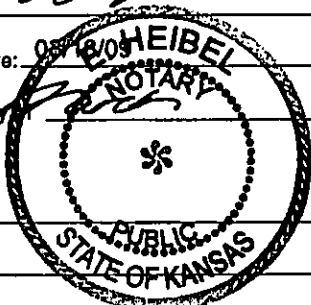
API No. 15 - 153-20868-0000
County: Rawlins
NE NE SE NW Sec. 15 Twp. 05 S. R. 31 East West
1450 FNL feet from S (circle one) Line of Section
2450 FWL feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
Lease Name: JKB UNIT Well #: 1-15
Field Name: Wildcat
Producing Formation: LKC
Elevation: Ground: 2876 Kelly Bushing: 2881
Total Depth: 4508 Plug Back Total Depth: 4486
Amount of Surface Pipe Set and Cemented at 219 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2608 Feet
If Alternate II completion, cement circulated from 2608
feet depth to surface w/ 190 ax 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 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: _____
Title: Leon Rodak, VP Production Date: 05/18/09
Subscribed and sworn to before me this 18 day of May, 2009.
Notary Public: _____
Date Commission Expires: 4/14/2011



KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: RECEIVED
 Wireline Log Received
 Geologist Report Received APR 12, 2010
 UIC Distribution
KCC WICHITA

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
July 2006

APPLICATION FOR COMMINGLING OF *Commingling ID #* _____
PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

Operator Information:

License #: 30606
Name: Murfin Drilling Company, Inc.
Address: 250 N. Water
City/State/Zip: Wichita, KS 67202
Contact Person: Kenneth Dean
Phone #: 316-267-3241

Well Information:

API #: 15 - 153-20868
Lease Name: JKB Unit Well #: 1-15
Spot: NE - NE - SE - NW Sec. 15 Twp. 05 S. R. 31 East West
County: Rawlins
Feet from North / South Line of Section: 1450
Feet from East / West Line of Section: 2450

1. Name and upper and lower limit of each production interval to be commingled:

Formation: Lansing/Kansas City (Perfs): 3972-4090 OA
Formation: Cherokee* and Basal Pennsylvanian Sand* (Perfs): 4336-4342 and 4357-4361
Formation: * Communicated in completion. (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____

_____ 2. Estimated amount of fluid production to be commingled from each interval:

Formation: Lansing/Kansas City BOPD: 31 MCFPD: _____ BWPD: 2
Formation: Cherokee and Basal Pennsylvanian Sand BOPD: 19 MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____

3. Plat map showing the location of the subject well, all other wells on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of the subject well, and for each well the names and addresses of the lessee of record or operator.

4. Signed certificate showing service of the application and affidavit of publication as required in K.A.R. 82-3-135a.

For Commingling of PRODUCTION ONLY, include the following:

- 5. Wireline log of subject well.
- 6. Complete Form ACO-1 (Well Completion form) for the subject well.

For Commingling of FLUIDS ONLY, include the following:

- _____ 5. Well construction diagram of subject well.
- _____ 6. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

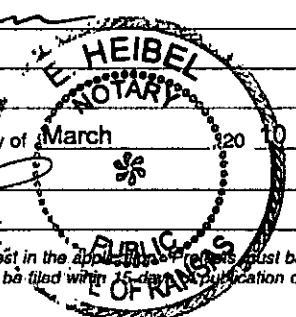
State of _____)
County of _____)

ss:

VERIFICATION: I hereby certify that to the best of my current information, knowledge and personal belief, this request for commingling is true and proper and I have no information or knowledge, which is inconsistent with the information supplied in this application.

Signature: Kenneth Dean
Printed Name: Kenneth Dean
Title: Production Geologist
Subscribed & sworn to before me this 25 day of March 2010
Notary Public: [Signature]
My Commission Expires: 04/11/2011

RECEIVED
APR 12 2010
KCC WICHITA



KCC Office Use Only
 Denied Approved
KCC Date Received: _____ 15-Day Periods Ends: 4-9-10
Approved By: _____ Date: 4-13-10

Protests may be filed by any party having a valid interest in the application. Protests must be in writing and comply with K.A.R. 82-3-135b and must be filed within 15 days of publication of the notice of application.



Mark Parkinson, Governor
Thomas E. Wright, Chairman
Michael C. Moffet, Commissioner
Joseph F. Harkins, Commissioner

April 13, 2010

Kenneth Dean
Murfin Drilling Company, Inc.
250 N. Water
Wichita, KS 67202

RE: Approved Commingling CO041001
JKB Unit 1-15, Sec. 15-T5S-R31W, Rawlins County
API No. 15-153-20868-00-00

Dear Mr. Dean:

Your Application for Commingling (ACO-4) for the above described well has been reviewed and approved by the Kansas Corporation Commission (KCC) per K.A.R. 82-3-123. Notice was examined and found to be proper per K.A.R. 82-3-135a. No protest had been filed within the 15-day protest period. This application, which was received by the KCC on April 12, 2010 concerns approval to simultaneously produce from the following sources of supply through the same tubing string in the same wellbore:

Source of Supply	Estimated Current Production			Perf Depth
	BOPD	MCFPD	BWPD	
Lansing/Kansas City	31	0	2	3972-4090 OA
Cherokee & Basal Penn. Sand	19	0	0	4336-4342 & 4357-4361
Total Estimated Current Production	50	0	2	

Based upon the depth of the Basal Penn Sand formation perforations, total oil production shall not exceed 200 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Docket Number CO041001 has been assigned to this approved application. Use this number for well completion reports (ACO-1) and other correspondence that may concern this approved commingling.

Sincerely,

Rick Hestermann
Production Department