CONFIDENTIAL

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 September 1999 Form Must Be Typed 7 21 11

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30606	API No. 15 - 109-20836-0000
Name: Murfin Drilling Company, Inc.	County: Logan
Address: 250 N. Water, Suite 300	NW SE SE NW Sec. 32 Twp. 12 S. R. 32 East W West
City/State/Zin: Wichita, Kansas 67202	2120 FNL feet from S (N) (circle one) Line of Section
Purchaser: MV Purchasing	2020 FWL feet from E ((circle one) Line of Section
Operator Contact Person: Leon Rodak	Footages Calculated from Nearest Outside Section Corner:
Phone: (316) 267-3241	(circle ane) NE SE NW SW
Contractor: Name: Murfin Drilling Company, Ito.	Lease Name: KWS Well #: 1-32
License: 30606	Field Name: Wildcat
Wellsite Geologist: Tom Funk	Producing Formation: Johnson
Designate Type of Completion:	Elevation: Ground: 3064 Ketly Bushing: 3074
New Well Re-Entry Workover	Total Depth: 4745 Plug Back Total Depth: 4712
✓ Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 216 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set 2570 Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 2570
Operator:	tant donth to surface 150 cv and 1.1.
Well Name:	feet depth to surface w/ 130 ALTZ-DIG. Sx cm 4/0
Original Comp. Date:Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	
Plug BackPlug Back Total Depth	Chloride content ppm Fluid volume bbls
Commingled Docket No	Dewatering method used
Dual Completion	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No.	Operator Name:
Other (SWD of Liffi.)	Lease Name: License No.:
03/20/09 03/29/09 04/27/09 Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov information of side two of this form will be held confidential for a period of	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-130) and geologist well report shall be attached with this form. ALL CEMENTING S. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulations.	ate the oil and gas industry have been fully complied with and the statements
Signature: HEIBS	KCC Office Use ONLY
Title: Leon Rodak, VP Production Day 07/71/07/Ass	Letter of Confidentiality Received
Subscribed and sworn to before me this	If Denied, Yes Date:
Subscribed and sworm to delote me the same of state of st	Wireline Log Received KANSAS CORPORATION COMMISSION
200	Geologist Report Received
Notary Public Public State of Particular State	UIC Distribution JUL 2 1 2009
Date Commission Expires:4/11/2011	CONSERVATION DIVISION WICHITA, KS

Side Two

ISTRUCTIONS: Si sted, time tool ope mperature, fluid rec	Sheets)	East and base of a shut-ing and shut-ing still gas to still the st	formations pon n pressures, urface test, a cal well site r	Coun enetrated whether llong with	shut-in pr	n Il cores. Report essure reached	all final copies o	ostatic pressur	ests giving interval es, bottom hole
sted, time tool ope mperature, fluid red lectric Wirellne Log rill Stem Tests Take (Attach Additional amples Sent to Geo lectric Log Run	n and closed, flowing covery, and flow rates is surveyed. Attach f an Sheets)	g and shut-in s if gas to si inal geologic	n pressures, urface test, a cal well site r	whether long with	shut-in pr	essure reached	static level, hydr	ostatic pressur	es, bottom hole
(Attach Additional amples Sent to Geo ores Taken lectric Log Run	Sheets)	✓ Yes	. □No						
ores Taken lectric Log Run	ological Survey				⊘ r	.og Formati	on (Top), Depth	and Datum	Sample
ores Taken lectric Log Run	•	✓ Yes	i □ No		Nam	10		Тор	Datum
_		Yes	✓ No						
		✓ Yes	ı ∏No			CEE AT	FACHED LIST	RE	CEIVED
st All E. Logs Run:						SEE AT	IACHED LIST		² 2 1 2009
Dual Induction Microresistivit	n, Compensat y	ted Poro	sity,						WICHITA
· · · · · · · · · · · · · · · · · · ·		Report		RECORD		ew Used	tion, etc.		
Purpose of String	Size Hole	Size	Casing	w	eight s. / Ft.	Setting	Type of	# Sacks	Type and Percent Additives
Surface	Drilled	8 5/8	in O.D.)	23#	5.7 FL	Depth 216	Common	Used 165 sx	3% cc, 2% gel
Production		5 1/2		15.5#		4737	EA-2	175 sx	
			ADDITIONAL	CEMEN	TING / SQ	UEEZE RECOR)		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Тура о	f Cement	#Sac	ks Used		Type and	Percent Additives	
Shots Per Foot			- Bridge Plug sch Interval Per		98		cture, Shot, Cemer mount and Kind of N		rd Depth
4	4220-4226 LKC	"H"				250 gal 15%	6 MCA, 750 g	al 15% NEF	E
4	4546-4552 FT S	сотт			·	250 gal 15%	6 MCA, 750 g	al 15% NEF	E
4	4617-4626 JOH	NSON				750 gal 15%	6 MCA		
TUBING RECORD 2-	Size 3/8	Set At 4619		Packer	r At	Liner Run	Yes 📝 No		
Date of First, Resumer 04/29/09	d Production, SWD or E	inhr.	Producing Met	hod	Flowin	ng 📝 Pump	ing 🔲 Gas L	ift 🔲 Oth	er (Explain)
Estimated Production Per 24 Hours	0il 74	Bbls.	Gas	Mcf	Wat	er E	Bbls.	Gas-Oil Ratio	Gravity 29.6
Disposition of Gas	METHOD OF C	COMPLETION	1			Production inte	rvai		RECEIVED
Vented Sold	Used on Lease	ר ר	Open Hole	ify)	orf.	Dually Comp.	Commingled	 	RPORATION COMME _ 2 1 2009

CONSERVATION DIVISION WICHITA, KS

			KWS #	‡1-32			Munk #1-30		
		330' FSL 2	2290' FEL						
		Se	c. 32-T1	2S-R32W			Sec. 30-T1	2S-R32W	
			3074	' KB			3071	'KB	
Formation	SampleTops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum	
Anhydrite	2566	+508	+1				2564	+507	
B/Anhydrite	2589	+485	Flat				2586	+485	
Topeka	3810	-736	-8				3799	-728	
Heebner	4020	-946	-7	4019	-945	-6	4010	-939	
Lansing	4060 -986 -7 4063 -989 -10					4050	-979		
Stark				4286	-1212	-2	4281	-1210	
Marmaton	4391	-1317	+2	4392	-1318	-8	4390	-1319	
Up Pawnee	4487	-1413	-6	4492	-1418	-11	4478	-1407	
Chero Sh	4573	-1499		4573	-1499				
Johnson	4617	-1543	-8	4617	-1543	-8	4606	-1535	
B Penn/Lm				4654	-1580	-14	4637	-1566	
Mississippi	4672	-1598	-9	4668	-1594	-5	4660	-1589	
RTD	4745	-1671					4735	-1661	
LTD				4745	-1671		4740	-1669	

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JUL 2 1 2009

KCC WICHITA



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July 21, 2009

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

To Whom It May Concern:

Re: Confidential Filing: ACO-1 API #15-109-20836-0000 KWS 1-32

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,

Elisabeth Heibel



24 S. Lincoln Street

P.O. Box 31

Russell, KS 67665-2906

Voice:

(785) 483-3887

Fax:

(785) 483-5566

BIII To:

Murfin Drlg. Co., Inc. 250 N. Water STE #300

Wichita, KS 67202

INVOICE S

Invoice Number: 118467

Invoice Date: Mar 20, 2009

Page: 1

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リレ 2 1 2009

KCC WICHITA

operator Pay

Customer ID	Well Name#;or Customer, P.O.	Paymen	t Terms".
Murfin	KWS #1-32	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS1	Oakley	Mar 20, 2009	4/19/09

165.00 MAT Class A Common 15.45 2,5 3.00 MAT Gel 20.80 30 6.00 MAT Chloride 58.20 30 174.00 SER Handling 2.40 4 1.00 SER Minimum Handling Mileage Charge 312.00 3 1.00 SER Surface 1,018.00 1,0 15.00 SER Mileage Pump Truck 7.00 16 1.00 SER Manifold Head Rental 113.00 1	Quantity (tem 🐇	Description,	"Unit Price	Amount
6.00 MAT Chloride 58.20 34 174.00 SER Handling 2.40 4 1.00 SER Minimum Handling Mileage Charge 312.00 3 1.00 SER Surface 1,018.00 1,0 15.00 SER Mileage Pump Truck 7.00 16 1.00 SER Manifold Head Rental 113.00 1				15.45	2,549.25
174.00 SER Handling 2.40 4 1.00 SER Minimum Handling Mileage Charge 312.00 3 1.00 SER Surface 1,018.00 1,0 15.00 SER Mileage Pump Truck 7.00 10 1.00 SER Manifold Head Rental 113.00 1	3.00	MAT	Gel	20.80	62.40
1.00 SER Minimum Handling Mileage Charge 312.00 3 1.00 SER Surface 1,018.00 1,0 15.00 SER Mileage Pump Truck 7.00 16 1.00 SER Manifold Head Rental 113.00 1	6.00	MAT	Chloride	58.20	349.20
1.00 SER Surface 1,018.00 1,0 15.00 SER Mileage Pump Truck 7.00 10 1.00 SER Manifold Head Rental 113.00 1	174.00	SER	Handling	2.40	417.60
15.00 SER Mileage Pump Truck 7.00 10 1.00 SER Manifold Head Rental 113.00 1	1.00	SER	Minimum Handling Mileage Charge	312.00	312.00
1.00 SER Manifold Head Rental 113.00 1	1.00	SER	Surface	1,018.00	1,018.00
· · · ·	15.00	SER	Mileage Pump Truck	7.00	105.00
1 DO EOP Surface Plun	1.00	SER	Manifold Head Rental	113.00	113.00
1,00 EQF Gallace Flag . 00.00	1.00	EQP	Surface Plug	68.00	68.00

A	Unit	Ιw		 			
Account	Rig	Ĭ.	No.	Amount	$\parallel \parallel$	Descriptio	
(13his	na	7.7	-27-4				'
9,555	UP	ev	246	5/85.		Congen	2-1/2
				(1948.	05		
					1.	a Kin	
					1	7	
					\		

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 11/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1748.05

ONLY IF PAID ON OR BEFORE

Apr 19, 2009

•	
Subtotal	4,994.45
Sales Tax	190.82
Total Invoice Amount	5,185.27
Payment/Credit Applied	
TOTAL	5,185.27

3437.22

ALLIED CEMENTING CO., LLC. 043894

RECEIVED

JUL 2 1 2009

KCC WICHITA

REMULTO P.O. BOX 31

REMUTTO P.O. BOX 31	SERVICE POINT:					
RUSSELL, KANSAS 67665	ogkley					
SEC. TWP. RANGE	CALLED OUT	ONLOCATION	JOB START	JOB FINISH		
DATE 3-20-07 32 125 32 W		9 mp		101 30 man		
LEASE WELL 1-32 LOCATION	Ils Ju	KIN	COUNTY	STATE		
	$m_{\mathcal{S}} = \omega$	112.0	Loggy	1 7		
OLD OR NEW (Circle one)		 -	J			
CONTRACTOR MUSTIN Orilling Rig 14	OWNER .	Some				
TYPE OF JOB SUFFACE	<u> </u>					
HOLE SIZE 12/4 T.D. 2/9	CEMENT					
CASING SIZE 858 DEPTH 2/9'	AMOUNT ORD		565 C	<u></u>		
TUBING SIZE DEPTH	398CC 2	& Grech				
DRILL PIPE DEPTH TOOL DEPTH						
TOOL DEPTH PRES. MAX MINIMUM	COMMON Ke	c 145	~ K	-0610 25		
MEAS. LINE SHOE JOINT	POZMIX	3 3/2		2549,25		
CEMENT LEFT IN CSG. 15	GEL 3 4	£4.5	_@	62,40		
PERFS.	CHLORIDE Z			349,20		
DISPLACEMENT 12.99 OOL	ASC		@	0///40		
EQUIPMENT			@			
• • • • • • • • • • • • • • • • • • • •						
PUMPTRUCK CEMENTER AND FEW	·		_@			
#422 HELPER Wayne			- <u>@</u>			
BULK TRUCK			-@			
#377 DRIVER Lonnie	•		-@ _			
BULK TRUCK			- ^w			
# DRIVER	HANDLING_/	フレントン	@ 2.40	417,60		
	MILEAGE _ZZ	of stimil	e	3/2.00		
REMARKS:	197	חומנים כלם	OE TOTAL	811.00		
-			- IOIAL	3690.45		
		SERVI	CIR.	20,0,,0		
	 , , ,		· , · · · · · · · · · · · · · · · · · ·	<u>.</u>		
Cerrent Did Circulate	DEPTH OF JOB	219				
	PUMP.TRUCK			1018,00		
	EXTRA FOOTA		.@			
	MILEAGE /		@ <u>2,00)</u>	105,00		
thank you	MANIFOLD 4	AND FEED G		113,00		
146-10-90-4	<u> </u>		_@			
CHARGE TO: Murkin			_@			
CHARGE 10: 2727 7 121				2-3/ -A		
STREET			TOTAL	128,00		
CITYSTATEZIP						
01710	PI n	LUG & FLOAT	EQUIPMEN	Т		
	8 78		_			
	1 surface	e pluc	@	68.00		
•			[e			
To Allied Cementing Co., LLC.			@			
You are hereby requested to rent cementing equipment			@			
and furnish cementer 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			TOTAL	68-00		
contractor. I have read and understand the "GENERAL						
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (if	Any)	·			
	TOTAL CHARG	ES				
DRINTED NAME (DOFTE / 100 1/2			-			
SIGNATURE SEE SINCE	DISCOUNT		IF PAII	O IN 30 DAYS		
() () () () ()						
SIGNATURE SIGNATURE	•					



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



Invoice

DATE	INVOICE#
3/29/2009	15859

BILL TO

Murfin Drilling Co Inc PO Box 661

Colby, KS 67701-0661

RECEIVED

Acidizing

JUL 2 1 2009

Cement

KCC WICHITA

• Tool Rental ...

TERMS	Well N	o. Lease	County	Contractor	Wel	І Туре	We	ell Category	Job Purpose	Operator
Net 30	#1-32	KWS	Logan	Murfin Drilling #14	urfin Drilling #14 (D	evelopment	Cement LongStri.	. Nick
PRICE	REF.		DESCRIP	TION		QT	Y	UM	UNIT PRICE	AMOUNT
575D 578D-L 221 280 402-5 403-5 404-5 406-5 407-5 413-5 419-5 290 325 276 283 284 285 581D 583D		Mileage - 1 Way Pump Charge - Lon Liquid KCL (Clayfi Flocheck 21 5 1/2" Centralizer 5 1/2" Cement Bask 5 1/2" Port Collar 5 1/2" Latch Down 5 1/2" Roto Wall Sc 5 1/2" Rotating Her D-Air Standard Cement Flocele Salt CFR-1 Service Charge Cer Drayage Subtotal Sales Tax Logan C	et Plug & Baffle Shoe With Auto cratcher ad Rental			ر بر	1 4 500 15 2 1 1 15 1 2 200 50 1,000 9 150	Sacks Lb(s) Lb(s) Sack(s) Lb(s)	5.00 1,400.00 25.00 2.50 55.00 180.00 1,900.00 225.00 275.00 40.00 150.00 35.00 11.00 1.50 0.15 30.00 4.00 1.50 1.50 1.00	250.00 1,400.00 100.00T 1,250.00T 825.00T 360.00T 1,900.00T 275.00T 600.00T 70.00T 2,200.00T 75.00T 150.00T 270.00T 600.00T 300.00 522.50
We A	\ppre	ciate Your	Busine	ss!		<u>1</u>		Tota	<u> </u>	\$12,092.65



REFERRAL LOCATION

413

419 290

CHARGE TO:			_		
1	Murfin	12.1.	C -	7 ~ ~	
1000500	TYIUSTIA	<u> </u>		<u> </u>	
VDDKE22		0			
7					

CITY, STATE, ZIP CODE

INVOICE INSTRUCTIONS

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JUL' 2 1 2009

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Nº		1	5	8	5	ğ	
	_	_		_	_		

DACE

CC WICHITA		1	2_
	DATE 2-29-19	OWNER	,

Services	, 1100			 		
SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE CITY	DATE	
1. Hays Ks.	<u></u>	1 KWS	Logan	Ks	3-28-09 Sume	<u>, </u>
2 Noss City Ks.	TICKET DYPE CONTRACTOR		RIG NAME/NO.	SHIPPED DELIVERED TO	ORDER NO.	
2746336114.131	SERVICE NAME	fin Drla #14	İ	MT Location		
3	WELL TYPE		JOB PURPOSE	/ WELL PERMIT NO.	WELL LOCATION	
		Developed	Coment Langest	rinu		

UNET ACCOUNTING AMOUNT SECONDARY REFERENCE/ PRICE DESCRIPTION PRICE QTY. UM QTY. UM **PART NUMBER** DF REFERENCE LOC ACCT 250 50 575 MILEAGE 4750 1400 400 578 25/00 100 22/ 50 250 280 Centralizers d 402 180 00 403 1900 00 1900 404 225 406 12d 275 00 275 24 407 40

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

ZI-KM TIME SIGNED DATE SIGNED 0512 □ P.M. **REMIT PAYMENT TO:**

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

	2 2	7			53	•	10	
_	SURVEY	AGREE	UN- DECIDED	DIS- AGREE	PAGE TOTA	., 1	2//	~~
	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	•			PAGE 101		7405	ں سی
	WE UNDERSTOOD AND MET YOUR NEEDS?				100		11522	يسيح
	OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtot	ا و:		-
	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				LOGAT G.3	%	_5 10	15
	ARE YOU SATISFIED WITH OUR SE		NO		TOTAL		200	 , ,
	CUSTOMER DID NOT	WISH TO	RESPOND		IOIAL	•	12,092	\ (\bar{\bar{\bar{\bar{\bar{\bar{\bar{

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

SWIFT OPERATOR

APPROVAL

Thank You!



325

276

283

284

285

PRICE SECONDARY/REFERENCE/ ACCOUNTING PART/NUMBER CO ACCOUNTING

TICKET CONTINUATION

TICKET	
	مع سر ده سر و
No.	1000
140.	12021

PO Box 466 Ness City, K\$ 67560 Off: 785-798-2300

2

2

2

2

2

WELLY 1-32 KWS TOTAL PRICES on on on , **2** 50 50 1000 # 00 270 30 150 # 4 600 RECEIVED KCC WICHITA **CUBIC FEET** 50 SERVICE CHARGE 200s Ks MILEAGE TOTAL WEIGHT 20900 TON MILES LOADED MILES 2.0 5225

CONTINUATION TOTAL

	G .		WELL NO					ICEO, INC. DATE 3-28-09
urte	n D-19					10	VS	Lenest Longstring STERET NO. 15859
HART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMI	ွ	PRESSUR TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
\longrightarrow	2130			ļ				onlow W/FE
				ļ			ļ	
			<u> </u>					RTD 4750'
						· · · · · · · · · · · · · · · · · · ·		
			. —					52"x15,5" X 4736 x 22,5
							ļ	Cent. 1-5,7,9,11,13,15,12,19,21,23,54
						<u> </u>	ļ	Buskets 5-3,54 P.C. 5-4@ 25-79'
		_						P.C. 54@ 2579'
			<u> </u>					
	0015							Start FE
	0140	-						capettum circ Ihrs
<u> </u>	0340						<u> </u>	enhettum circ lhrs
	400	**						
	0410	4	0	\vdash			200	start KCh flush start Flochock-21
		4	15/0				200	Start Flocheck-
	مری رو تام	5,0	12/0	<u> </u>			200	start KCL flush
	0426	2,0	5/0				250	Start Cement 150sks EA-2
-	0/26		42				<u> </u>	End Cement
								Dron Plug
	0431	6.5	0				200	Start Displacement
	0443	<i></i>	73				300	Catch Coment
	0451	<u> </u>	1/2			9		/ //
	0 /3 /		//-				7600	Release Pressure
			N 1				<u> </u>	FloatHeld
			7,1					1.10 1 1/210
	0455	215	7/4					Plug RHYMH 30/20 sks EA-2
								RECEIVED
				Щ			<u> </u>	
								JUL, 2 1 2009
						, * `	ļ	KCC WICHITA
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					1.75		<u> </u>	
					•		<u> </u>	Thank you
		· -				,		Nick, Josh F. + Scott
,)			, ,	١. ا		l	VICH Tuch ExScott



P. O. Box 466

Ness City, KS 67560

Off: 785-798-2300



Invoice

DATE	INVOICE #
4/15/2009	15953

BILL TO

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well N	1 0.	Lease	County	Contractor	We	II Type	W	ell Category	Job Purpose	Operator
Net 30	#1-32	2	KWS	Logan	Company Rig		Oil	D	evelopment	Cement Port Coll	ar Don
PRICE	REF.			DESCRIPT	ION	QΤ	1	UM	UNIT PRICE	AMOUNT	
575D 576D-D 279 290 330 276 581D 583D		Pur Ber D-A Swi Flo Ser	leage - 1 Way mp Charge - Port ntonite Gel Air ift Multi-Density cele vice Charge Cem ayage	Standard (MID			9	30 5 350 175 380	Miles Job Sack(s) Gallon(s) Sacks Lb(s) Sacks Ton Miles	5.00 1,100.00 20.00 35.00 14.00 1.50 1.50	250.00 1,100.00 600.00T 175.00T 4,900.00T 262.50T 570.00 947.90
			ototal es Tax Logan Cou	unty						6.30%	8,805.40 374.06
		USED FOR —APPROVED—					<u> </u>			•	
Than	Thank You For Your Business!							Ī	Tota	I RECE	\$9,179.46

JUL 2 1 2009

KCC WICHITA



CHARGE TO: Merfin ADDRESS	Dela	Co.	
ADDRESS	* 3		
CITY, STATE, ZIP CODE			

RECEIVED
JUL 2 1 2009

TICKET Nº 15953

PAGE OF

SERVICE LOCATIONS)	WELL/PROJECT N).	LEA	SE		COU	NTY/PARISH	STATE	CITY			DAT	E	Jown	IER	
1. Hays, KS	<u> </u>	1986	1-3	2	K	<u>ಟ5</u>		SAN						15-09	┸.		
2 Nose City,	**	TICKET TYPE CO SESERVICE SALES	ONTRACTO	R R.E.			RIGI	VAME/NO.	VA CT	DELIVERED T		1	OKU	DER NO.			
3.		WELL TYPE	Co	WB	L CAT	EGORY	JOB PURPOSI			WELL PERMIT		<u> </u>	WEL	T LOCATION			
4.[-		Dil		iu	<u>يا د</u>	lca#	Compa	+ P24 (3(b)	62570							L	
REFERRAL LOCATION		INVOICE INSTRUC	TIONS											<u></u>			
PRICE REFERENCE		Y REFERENCE! NUMBER	LOC	CCOUNTING	DF		Di	ESCRIPTION		QTY.	UAM	QTY.	UM	UNIT PRICE		AMOUNT	
575			7			MILEAGE #/	/3			50	hì				8	252	200
576 D			1			Penson	arec -	2+Blar			1 191			1100	00	1100	00
279			1			Gel			· · · · · · · · · · · · · · · · · · ·	30	ولاع	3000	165	<i>j</i> 20	20	600	20
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SWIFT OPERATOR		_		AP	PROV/	π.										Thank '	IOU!

SWIFT Services, Inc. DATE 15-17 PAGE NO. JOB LOG CUSTOMER ... LEASE النائ WELL NO. JOB TYPE PHO UNE 2576 1575.3 PUMPS PRESSURE (PSI) VOLUME RATE (BPM) DESCRIPTION OF OPERATION AND MATERIALS (BBL) (GAL) T C TUBING CASING beating - 5 stup Toks TST. P.C Closed @ 2576' -OK 11:50 Open P.C - Injuste - NA BROW 15 Hark to the f Start 10 sts Cod Gal - Shut Dewil - No Bew 45 Co- Man - Distro pare Gal + Whether found 12:30 14.35 No Blow - Mudan locate 1505 900 1530 900 75 155% 3 72 80 Have Blow - Slight - Chat last 200 sts 650 180 5KS @ 11.2# WARRELINE 700 Disa 8881 420 700 1780 Red Dut - 60 881 Total 1710 3 /7.30 60 WASh UP PITI Tob Complete Con Blaco VI RECEIVED



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



Invoice

DATE	INVOICE #
4/24/2009	14295

BILL TO

Murfin Drilling Co Inc PO Box 661

Colby, KS 67701-0661

RECEIVED

JUL 2 1 2009

KCC WICHITA

Acidizing

Cement

\$3,475.00

• Tool Rental

TERMS	Well N	o. Lease	County	Contractor	We	І Туре	We	ell Category	Job Purpose	Operator
Net 30	#1-32	kws	Logan	<u>-</u>		Oil	D	evelopment	Acidize New Pe	rfs Derric
PRICE	REF.		DESCRIPT	ION		QT	Y	UM	UNIT PRICE	AMOUNT
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		Subtotal Sales Tax Logan Co	unty	USED F		1		7 4 5	6.30%	3,475.00 0.00
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We A	ppre	ciate Your	Busines	s!				Tota	<u> </u>	\$3,475.00



CHARGE TO: MUFIN	Drla	(a
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RECEIVED

TICKET

JUL 2 1 2009

Nº 14295

KCC WICHITA

PAGE OF 1

SERVICE POCATIONS 1. VESS	ity, ks	WELL/PROJECT N	32_	LEASE 1	KW5	Loggh	STATE	5 Ness	s [ity	45 H	24/09	OWNER	ì	
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<u>- Z</u>				P.M.	78	35-798-2300	0	CUSTOMER DID NOT	WISH TO	RESPOND)	TOTAL		3475	
3		CUSTO	IER ACCEPTA			ERVICES The customer hereb	y acknowledges receip	t of the materials and	services	listed on t	this ticket				·
SHAFT OPERATOR				APPRO\	AL								~ 2	Thank 🗅	tou!

B LC			WELL NO.			SWIFT LEASE	WS	LIGHTYPE A
	Murfi			-3 <i>a</i>		PRESSURI		<u> </u>
HART NO	TIME	RATE (BPM)	MOLUME (BBL) (GAL)	T	C	TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
	07:00		ļ		\rightarrow	<u> </u>		Called out
	09:45				_			On location
					_			setup truck
								Yerf 5 (2) 4220 - 4226
								Packer @ 4178
								Fluid @ 1950
	10:10		10					5pot 1166 @ perfs
								6 acid + 5 flush
	10:14							Pulled up/ set Dacker
								Dumped flush
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		/					,	flush on 1/2 bpm vacua
			24					Flush gone
					\dashv		<u> </u>	
	·							Ordered Acid for retreat
		_						- 5 wabbed while waiting
	13:00							Sed up second truck
			18					Pumped 18 bbl Acid
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		a. a	36					let it take 18bbl Flu
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	+		 	 			+	Derric, Jeff,



June 25, 2010

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

RE: Approved Commingling CO061003

KWS 1-32, Sec. 32-T12S-R32W, Logan County

API No. 15-109-20836-00-00

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 June 11, 2010. concerns approval to simultaneously produce from the following sources of supply through the same tubing string in the same wellbore:

		Estimated Current Production		
Source of Supply	BOPD	MCFPD	BWPD	Perf Depth
Lansing/Kansas City	30	0	0	4220-4226
Ft. Scott	8	0	4	4546-4552
Johnson Zone	36	0	0	4617-4626
Total Estimated Current Production	74	0	4	

Based upon the depth of the Johnson Zone 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 CO061003 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

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-4 Form must be typed July 2006

APPLICATION FOR COMMINGLING OF Commingling ID # CO 06 10 Q3 PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-1238)

20606	Well information:	
License #: 30606	API #: 15 - 109-20836	
Name: Murfin Drilling Company, Inc.		
Address: 250 N, Water	Spot: NW - SE - SE - NW Sec. 32 Twp	
City/State/Zip: Wichita, KS 67202		✓ West
Contact Person: Kenneth Dean		
Phone #: _316-267-3241	Feet from East / West Line of Section	n: 2020
1. Name and upper and lower limit of each production is	nterval to be commingled:	
Formation: Lansing/Kansas City	(Perfs): 4220-26.	····
Formation: Ft Scott	(Perfs): 4546-52.	
Formation: Johnson Zone	(Perfs): 4617-26.	
Formation:	(Perfs):	
Formation:	(Perfs):	
2. Estimated amount of fiuld production to be commingled from	each Interval:	
Formation: Lansing/Kansas City	BOPD: 30 MCFPD:	BWPD: 0
Formation: Ft Scott		BWPD: 4
Formation: Johnson Zone	BOPD: 36 MCFPD:	
Formation:		
Formation:		
3. Plat map showing the location of the subject well, all other well a 1/2 mile radius of the subject well, and for each well the name	es and addresses of the lesses of record or open	ator.
4. Signed certificate showing service of the application and affide	evit of publication as required in K.A.R. 82-3-135	.
For Commingling of PRODUCTION ONLY, include the following:		
For Commingling of PRODUCTION ONLY, include the following:		RECEIVED KANSAS CORPORATION COMMISSION
For Commingling of PRODUCTION ONLY, include the following: 5. Wireline log of subject well.		RECEIVED KANSAS CORPORATION COMMISSION JUN 11 2010
For Commingling of PRODUCTION ONLY, include the following: 5. Wireline tog of subject well. 6. Complete Form ACO-1 (Well Completion form) for the subject		RECEIVED KANSAS CORPORATION COMMISSION JUN 11 2010 CONSERVATION
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Affidavit of Notice Served

publication notice of the application.

Re:	Application for: ACO-4 Applic	ation for Commingling of Proc	duction or Flu	iids	
	Well Name: KWS #1-32		Legal Location:	NW SE SE NW Sec. 32-12S-3	2W, Logan Co,
The unde	rsigned hereby certificates that he / s	he is a duly authorized agent for the ap	plicant, and that o	on the day <u>10th</u> of June	······································
2010	, a true and correct copy	of the application referenced above was	s delivered or mai	lled to the following parties:	
Note: A c	copy of this affidavit must be served a	s a part of the application			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Name	o a part of the approachers.	Address (Attach	additional sheets if necessary)	
			, (,	and a state of the	
		SEE ATTACHMENT			
				RECE KANSAS CORPORA	EIVED TION COMMISSION
				JUN 1	1 2010
					OSN OBNOTON TA, KS
I further a	ttest that notice of the filing of this ap	plication was published in the Oakle	y Graphic	, the of	ficial county publication
ofLo	ogan	county.	A copy of the affi	idavit of this publication is attached.	
Signed th	is 10th day of June		— /-	of Dem	
		Applicant	of Duty Authorize		· .
		Subscribed and sworn to before m	e this	day of June E. HE/B	2010
		\subseteq		The second	1 1
		Notary Pi	u <i>blic</i> nission Expires: _ <u></u>	4/11/04/1	
		lid interest in the application. Petitions to the state of the state o			rme and address of the
	•			ounds of the protest. Protestants shall ser	

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



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

Operator: License # 30606	API No. 15 - 109-20836-0000
Name: Murfin Drilling Company, Inc.	County: Logan
Address: 250 N. Water, Suite 300	NW_SE_SE_NW Sec. 32 Twp. 12 S. R. 32 East V West
City/State/Zip: Wichita, Kansas 67202	2120 FNL feet from S (N) (circle one) Line of Section
Purchaser: MV Purchasing	2020 FWL feet from E (W) (circle one) Line of Section
Operator Contact Person: Leon Rodak	Footages Calculated from Nearest Outside Section Corner:
Phone: (316) 267-3241	(circle one) NE SE NW SW
Contractor: Name: Murfin Drilling Company, Inc.	Lease Name: KWS Well #: 1-32
License: 30606	Field Name: Wildcat
Wellsite Geologist: Tom Funk	Producing Formation: Johnson
Designate Type of Completion:	Elevation: Ground: 3064 Kelly Bushing: 3074
New Well Re-Entry Workover	Total Depth: 4745 Plug Back Total Depth: 4712
✓ OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 216 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set 2570 Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 2570
Operator:	feet depth to surface w/ 150 sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
DeepeningRe-perfConv. to Enhr./SWD	
Plug Back Plug Back Total Depth	Chloride contentppm Fluid volumebbls
Commingled Docket No	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
	Lease Name: License No.:
03/20/09 03/29/09 04/27/09 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
ı	
Kansas 67202, within 120 days of the spud date, recompletion, works information of side two of this form will be held confidential for a period of	rith the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. of 12 months if requested in writing and submitted with the form (see rule 82-3-gs and geologist well report shall be attached with this form. ALL CEMENTING ills. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	ulate the oil and gas industry have been fully complied with and the statements
Signature: WE/BE	KCC Office Use ONLY
Title: Leon Rodak, VP Production Det 07/2	Letter of Confidentiality Received
	If Denied, Yes Date: KANSAS CORPORATION C
Subscribed and sworn to before me this	Wireline Log Received
2007	Geologist Report Received JUN 11 2
Notary Public Public Property	UIC Distribution CONSERVAT
Date Commission Expires #/ // OO// DE OF KANS	UIC Distribution CONSERVATION LIN

perator Name: Muri	in Drilling Compa	any, Inc.		Lease	Name: K	ws		_ Well #: 1-32	2		
ec. 32 Twp. 12			✓ West	County	y: Logan		<u>.</u>				
NSTRUCTIONS: Shosted, time tool open emperature, fluid reco lectric Wireline Logs	and closed, flowing overy, and flow rates	and shut-i if gas to s	n pressures, urface test, a	whether si long with f	hut-in pre:	ssure reached	l static level, hydro	istatic pressur	es, bottom	noie	
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(Attach Additional Samples Sent to Geo		[₹] Ye:	s 🗌 No		Name	•		Тор	Da	atum	
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ectric Log Run (Submit Copy)		✓ Ye				SEE AT	TACHED LIST	Kansas	RECEI CORPORAT		
st All E. Logs Run:	·								JUN 1	2010	
Dual Induction Microresistivity	•	ted Pord	osity,						NSEÄVA WICH!	ان روزت د. پ	
				RECORD		_	otlan ata				
	Size Hole		l all strings set-		surtace, inte	rmediate, produ Setting	Type of	# Sacks		nd Percent	
Purpose of String	Drilled	ļ	(In O.D.)	23#	./Ft	Depth 216	Common	Used 165 sx	 	Additives 3% cc, 2% gel	
Surface		8 5/8		15.5#		4737	EA-2	175 sx	370 00,	270 901	
Production		5 1/2	<u>_</u>	15.5#		4737		1700%	 -		
····			ADDITIONA	CEMENT	ING / SO	JEEZE RECO	 RD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	of Coment		ks Used			Percent Additive	95		
Shots Per Foot	PERFORAT Specify	ION RECOR	tD - Bridge Plu Each Interval Pr	igs Set/Typ erforated	e		racture, Shot, Ceme (Amount and Kind of I	Aaterial Used)	· · · · · · · · · · · · · · · · · · ·	Depth	
4	4220-4226 LKC	"H"				250 gal 15	5% MCA, 750 g	al 15% NEF	E		
4	4546-4552 FT S	COTT				250 gal 15	5% MCA, 750 g	al 15% NEF	E		
4	4617-4626 JOH	INSON				750 gal 15	5% MCA				
TUBING RECORD	Size	Set At		Packer	r At	Liner Run	Yes V	lo.			
<u> </u>	3/8 rd Production, SWD or	4619 Enhr.	Producing M	ethod	Flowl	ng 📝 Pur			ther (Explain)	
Estimated Production Per 24 Hours	OII 74	Bbls.	Gas	Mcf	Wa 4	ter	Bbis.	Gas-Oil Ratio		Gravity 29.6	
Disposition of Gas	METHOD OF	COMPLETI	ON			Production is	nterval				
Vented Sold	Used on Lease		Open Hol		erf.	Dually Comp.	Commingled				

U-8 page 3 attachment Offset Operators and Unleased Mineral Owners

Murfin Drilling Company, Inc Commingling Application KWS # 1-32 NW SE SE NW Sec. 32-12S-32W Logan, Co., KS

Name

Leasehold

Murfin Drilling Company, Inc. 250 N Water

Wichita, KS 67202

Gary & Mary Stoecker 2016 County Rd. 400 Oakley, KS 67748 Pts of S/2 Sec. 29-12S-32W

N/2 and N/2 SW/4 Sec 32 in T12S, R32W

E/2 Sec. 31 and SE/4 Sec. 32-12S-32W

Marion & Mary Kuhlman 1210 Road 22

Sharon Springs, KS 67758

Dennis & Phyllis Scheetz 2214 County Road 430 Oakley, KS 67748 S/2 SW/4 Sec. 32-12S-32W

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 11 2010
CONSERVATION DIVISION
WICHITA. CO

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.

Fletchall

Subscribed and sworn to before me this

12th day of February, 2010

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

Notary Public Sedgwick County, Kansas

Printer's Fee : \$76.00

LEGAL PUBLICATION

Published in the Wichita Eagle

Published in Logarity (2) (3014704)

Published in Logarity (3014704)

RE: Murfin Drilling Co., inc. Application for Commingling of Production on the KWS 81
TO: All, Oil, and Soas, Producers, Unleased

Inc. Application of Commingling of To: All, Oil, and each of Lyolu, argherety, Inc. has flied

In application of Commingling of Production from the Lansing/Kansas City, inc. has flied

In application of Commingling of Production from the Lansing/Kansas City, inc. has flied

In application of Commingling of Production from the Lansing/Kansas City, inc. has flied

In application of the State of Kansas within the Conservation of the State of Kansas within Commission of the State of Kansas within the Commission of the State of Kansas within the Commission of the State of Kansas within must sate specific reasons why the grant of the Population of the State of Kansas within the Commission of the State of Kansas within must sate specific reasons why the grant of the Population of the State of Kansas within the Commission of the State of

RECEIVED KANSAS CORPORATION COMMISSION

JUN 11 2010

CONSERVATION DIVISION WICHITA, KS

Proof of Publication

Published in the Oakley Graphic Feb. 3, 2010 BEFORE THE STATE CORPORATION COMMISION OF THE STATE OF

KANSAS · ***NOTICE OF FILING** APPLICATION

RE: Murfin Drilling Co., Inc. Application of Commingling of Production on the KWS#1-32, located in Logan County, MKansas. 😘 🕹

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

You, and each of you, are hereby notified that Murfin Drilling Company, Inc. has filed $\mathcal{S}_s^{\ g}$ an application for Commingling of Production from the Lansing/ Kansas City, Ft. Scott, and Johnson Zone at the KWS#1-32 well located in the NW SE SE WW of Sec. 32-12S-32W, Logan Co., KS.

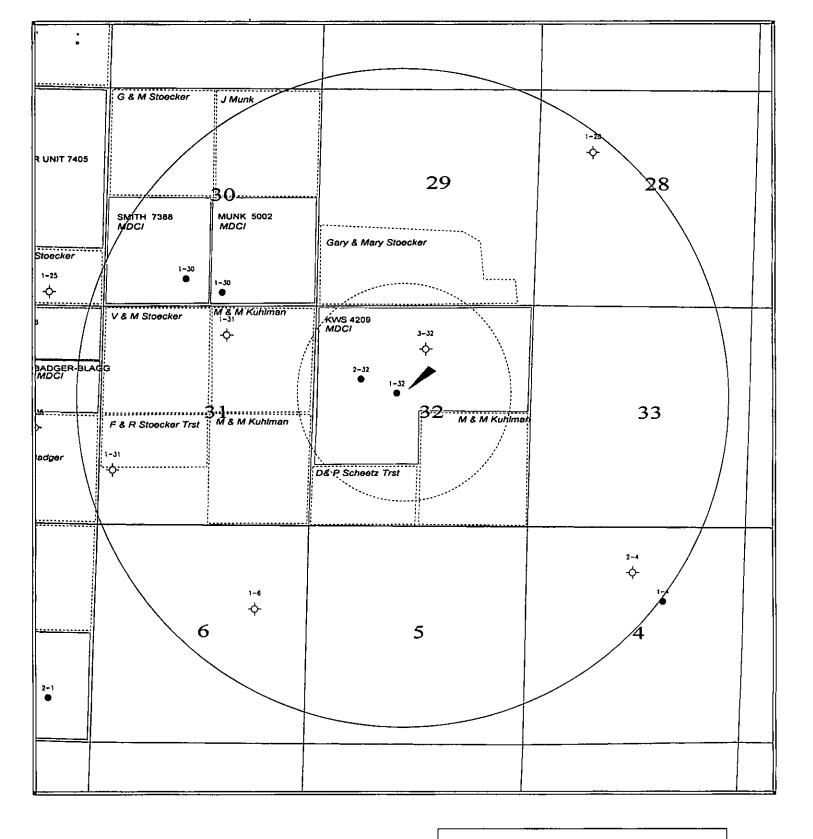
Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days from the date of this publication. These protests shall be pursuant? to Commission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

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

Murfin Drilling Company, Sec.

250 N. Water, Suite 300 % Wichita, KS 67,202 316-267-3241

KELLY C. ANDERSON Notary Public - State of Kansas My Appt. Expires February 7, 2014



LEGEND

ф DRY HOLE

• OIL WELL

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A INJECTION WELL

JUN 11 2010

CONSERVATION DIVISION WICHITA KS

MURFIN DRILLING COMPANY, INC.

KWS #1-32, Commingling App. SEC. 32-12S-32W, LOGAN CO.

Ken Dean 5/2/2010	Ken Dean		6/2/2010
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DUAL RECEIVER CEMENT BOND LOG

	Co	ompany	MU	JRFIN	DR	RILLII	NG CO	MPAN	IY, INC.
	w	eil	K۷	VS #1	-32				
ING	Fie	eld	WI	LDCA	T				
RILL ?	Co	ounty	LO	GAN			State	KAN	SAS
A 1-32	S Loc	cation:	S	SEC: 32	TW	P: 12S	RGE: 32	W	Other Services
Company MURFIN DRILLING Well KWS #1-32 Field WILDCAT County LOGAN	KANSA		21	NW-S 120' FNL			√ L		
any /	Pem	nanent Datun		GRO	DUND	LEVEL	Elevation	3064	Elevation
ar ar fr	Log Measured From KELLY BUSHING 10' AGL							0004	K.B. 3074 D.F.
8 % 15 8	Drillin	ng Measured				JSHING			G.L. 3064
Date		· · · · · · · · · · · · · · · · · · ·		PRIL 14, 200		T			
Run Number				ONE					
Depth Driller		4745							
Depth Logger		4679			-				
Bottom Logged Inte		4678							
Top Log Interval				2520					
Fluid Level				FULL					
Type Fluid			WATER						
Density / Viscosity									
Max. Recorded Ter			123F			ļ			
Estimated Cement	Тор								
Time Well Ready									
Time Logger on Bo	ttom					ļ	·		
Equipment Number				PT-08		ļ			
Location				HAYS		ļ			
Recorded By				MY SCHNE		 			
Witnessed By	De	la Dasi	MK.	JOHN TUR	NEK	<u> </u>	TL:	. Daga-d	
Run Number	Boreho Bit	le Record From	- 1	To	-	ize	- Tubing Weight	Record From	То
ONE	12.25	00	 	219	- 3	120	AACIGIR	riom	10
TWO	7,875	219	_	4745	 	-			·
Casing Record		Size			I/Fl		Тор		Bottom
Surface String		8 5/8		2;	3#		00		219
Prot. String		E 4 P		AC.	C.H		00		
Production String Liner		5 1/2	——-j	15	.5#		UU	·	·
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