Kansas Corporation Commission Oil & Gas Conservation Division

ORIGINAL

Form ACO-1 October 2008 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31002	API No. 15 - 091-23,342-00-00
Name: Kelly Company, LC	Spot Description: SW NE NW NE S15/T14S/R22E
Address 1: _9746 Pflumm Road	SW _NE _NW _NE Sec. 15 Twp. 14 S. R. 22 East West
Address 2:	4.700 Feet from North / South Line of Section
City: Lenexa State: KS Zip: 66215 +	1,675 Feet from 🗸 East / 🗌 West Line of Section
Contact Person: Jim O. Guinotte	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 432-4545	✓ NE NW SE SW
CONTRACTOR: License # 5989	County: Johnson
Name: Finney Drilling Company	Lease Name: Knabe M Well #: KAI-2
Wellsite Geologist: None	Field Name: Gardner
Purchaser: Kelly Maclaskey Oilfield Services, Inc.	Producing Formation: Bartlesville
Designate Type of Completion:	Elevation: Ground: NA Kelly Bushing: NA
New Well Re-Entry Workover	Total Depth: 900.0' Plug Back Total Depth: 883.0'
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: 20.15' Feet
Gas V ENHR SIGW RECEIVE	Multiple Stage Cementing Collar Used?
CM (Coal Bed Methane) Temp. Abd. CED 0.9 a	ndf yes, show depth set: Feet
Dm. Other	
(Core, WSW, Expl., Cathodic etc.)	If Alternate II completion, cement circulated from: 885 sx cmt. W/ 146 sx cmt. Alt 2 - \text{VQ} - 91000
	Alt 2 - DQ - 9/190
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Well Name:	
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used:
Plug Back:Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Docket No.:	Operator Name:
Dual Completion	Lease Name: License No.:
Other (SWD or Enhr.?)	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover or confusive two of this form will be held confidential for a period of 12 months if requitiality in excess of 12 months). One copy of all wireline logs and geologist well BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form	nversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information uested in writing and submitted with the form (see rule 82-3-107 for confidentieport shall be attached with this form. ALL CEMENTING TICKETS MUST
All requirements of the statutes, rules and regulations promulgated to regulate the are complete and correct to the best of my knowledge.	e oil and gas industry have been fully complied with and the statements herein
Signature: Jun O. Aunollo	KCC Office Use ONLY
Title: Member Date: August 6, 2009	
Subscribed and sworn to before me this 6th day of August	, If Denied, Yes Date:
20 09	Wireline Log Received
1 0 11	Geologist Report Received
Date Commission Expires: March 31, 2 PLS STACE	UIC Distribution
	ф. <u>3-31-2011</u>

Side Two

Operator Name: Ke	lly Company, LC			Lease	Name: _	Knabe M		Well #: KAI	-2	
Sec. 15 Twp.		✓ East	West	Count	y: John	son				
time tool open and c recovery, and flow ra	how important tops an losed, flowing and shu tes if gas to surface te al geological well site r	t-in pressu st, along v	ures, whether s	hut-in pre	ssure rea	ched static leve	el, hydrostatic p	ressures, bottom l	hole tem	perature, fluid
Drill Stem Tests Take		Y	es 📝 No		L	og Format	ion (Top), Deptl	n and Datum		Sample
Samples Sent to Ge	ological Survey	□ Y€	es 🗹 No		Nam	e		Тор		Datum
Cores Taken Electric Log Run (Submit Copy)		Y€								
List All E. Logs Run:										
Gamma Ray	/Neutron/CCL									
		Repo	CASING ort all strings set-	RECORD	Ne	_	ction etc.			
Purpose of String	Size Hole Drilled	Siz	e Casing (In O.D.)	We	eight . / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent Additives
Surface	12 1/4""	7"	. (,,, 0,0,,	NA	.,	20.15'	Portland	10		ce Company
Production	5 5/8"	2 7/8"		NA		883.0'	50/50 Poz	131	Service	ce Company
			ADDITIONAL	CEMENT	ING / SQL	EEZE RECOR	D			
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Туре	ype of Cement #Sacks Used				Туре а	nd Percent Additives		
Plug Back TD Plug Off Zone										
Shots Per Foot			D - Bridge Plug Each Interval Perf				acture, Shot, Cen Amount and Kind o	nent Squeeze Recor f Material Used)	d	Depth
13	835.0'-841.0'					2" DML R				835.0'-841.0'
				dedo				RECEIV	En_	
								RECEIV SEP 0 8 2 KCC WICH	- <i>L</i> }nna	
								V00	.009	
								ver MICH	ITA	
TUBING RECORD:	Size: 2 7/8"	Set At: 883.0'		Packer A No	At:	Liner Run:	☐ Yes ✓			
Date of First, Resumed	Production, SWD or Enh	ır.	Producing Meth	od:	Flowing	ı Dump	ing Gas	s Lift Othe	er (Explain)
Estimated Production Per 24 Hours	Oil E NA	Bbls.	Gas I	Mcf	Wate	r I	Bbls.	Gas-Oil Ratio		Gravity
DICEOCITY	ON OF CAC			IETHOD C	F 00401 5	TION	1	BBODIOTI	ON INTER	
DISPOSITI	ON OF GAS:			ETHOD OF	F COMPLE Dually	- —	ommingled	PRODUCTIO	JN INTER	VAL:
	bmit ACO-18.)		ther (Specify)				·			



REMIT TO

Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346

MAIN OFFICE P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 FAX 620/431-0012

INVOICE

Invoice #

229377

Invoice Date:

04/09/2009

Terms:

KNABE M KA I-2 20015

NE 1/4 15-14-22

04/06/09

DOUG EVANS P.O. BOX 128 WELLSVILLE KS 66092 (785)883-4057

D.E. EXPLORATION

art Number Description Qty Unit Price Total 1124 50/50 POZ CEMENT MIX 131.00 9.2500 1211.75 1118B PREMIUM GEL / BENTONITE 345.00 .1600 55.20 1111 GRANULATED SALT (50 #) 307.00 .3100 95.17 1110A KOL SEAL (50# BAG) 730.00 .3900 284.70 1402 2 1/2" RUBBER PLUG 1.00 22.0000 22.00 Description Hours Unit Price Total 168 CEMENT PUMP 1.00 870.00 870.00 168 EQUIPMENT MILEAGE (ONE WAY) 15.00 3.45 51.75 -106 WATER TRANSPORT (CEMENT) 2.00 105.00 210.00 110 TON MILEAGE DELIVERY 1.00 213.39 213.39

arts: abor: ublt:	.00	<pre>Freight: Misc: Supplies:</pre>	. 00	Tax: Total: Change:	106.80 3120.76 .00	AR	3120.76
			=====:	=======	=======		==========

BARTLESVILLE, OK 918/338-0808

igned

ELDORADO, KS 316/322-7022

EUREKA, KS 620/583-7664

GILLETTE, WY 307/686-4914 MCALESTER, OK

OTTAWA, KS 785/242-4044 THAYER, KS

Date

WORLAND, WY 307/347-4577



TICKET NUMBER	20015
LOCATION Otta	wa KS
FORFMAN FLAG	100

DATE_

PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

DATE CUSTOMER WELL NAME & NUMBER SECTION TOWNSHIP RANGE COUNTY 1	620-431-9210	or 800-467-8676	5		CEMEN	T			
MALLING ADDRESS P. D. Box 128 CITY Wellsuille KS 66.97 JOB TYPE LONG STATE STORE TRUCK* SOL. Fyed 368 Rill SOL Fyed 368 Rill SOST/106 CASHO BEPTH SOST/106 CASHO SUE A WEIGHT 27/6" EUE 9R CASHO BEPTH SUERRY WEIGHT SLURRY VOL WATER SOLS CASHO SUE A WEIGHT 27/6" EUE 9R CASHO BEPTH SUERRY WEIGHT SLURRY VOL WATER SOLS FOR SALE SIJERAL DISPLACEMENT PSI MIX PSI REMARKS: / Me k 16 AS Now Sepath will write lose Mix P Promison Sol Flush Mix a Found 1/4 Siles SO/SD Pm Mix Cament 22/6 Cas Sols Flush Mix a Found MIX Sols Sols Fresh MALL PIPE TUSING OTHER CASHO SUE A WEIGHT 27/6" EUE 9R CHEMENT CASHO 27/2" Plug RATE 4/8/DM AT EUE 9R CASHO SUE A WEIGHT 27/6" EUE 9R CHEMENT LEST IN CASHO TO HER SUE A WEIGHT 27/6" EUE 9R CASHO SUE A WEIGHT 27/6" EUE 9R CHEMENT CASHO 27/2" Plug RATE 4/8/DM AT EUE 9R CASHO SUE A WEIGHT 27/6" EUE 9R CASHO SUE A		CUSTOMER#	WEL			SECTION	TOWNSHIP	RANGE	COUNTY
MALLING ADDRESS P. D. Box 128 CITY Wellsuille KS 66.97 JOB TYPE LONG STATE STORE TRUCK* SOL. Fyed 368 Rill SOL Fyed 368 Rill SOST/106 CASHO BEPTH SOST/106 CASHO SUE A WEIGHT 27/6" EUE 9R CASHO BEPTH SUERRY WEIGHT SLURRY VOL WATER SOLS CASHO SUE A WEIGHT 27/6" EUE 9R CASHO BEPTH SUERRY WEIGHT SLURRY VOL WATER SOLS FOR SALE SIJERAL DISPLACEMENT PSI MIX PSI REMARKS: / Me k 16 AS Now Sepath will write lose Mix P Promison Sol Flush Mix a Found 1/4 Siles SO/SD Pm Mix Cament 22/6 Cas Sols Flush Mix a Found MIX Sols Sols Fresh MALL PIPE TUSING OTHER CASHO SUE A WEIGHT 27/6" EUE 9R CHEMENT CASHO 27/2" Plug RATE 4/8/DM AT EUE 9R CASHO SUE A WEIGHT 27/6" EUE 9R CHEMENT LEST IN CASHO TO HER SUE A WEIGHT 27/6" EUE 9R CASHO SUE A WEIGHT 27/6" EUE 9R CHEMENT CASHO 27/2" Plug RATE 4/8/DM AT EUE 9R CASHO SUE A WEIGHT 27/6" EUE 9R CASHO SUE A		2355	Knabe	m# KI	1 · I. 2	NE 14 5	14	22	Jo
D. D. Box 128 GITY STATE ZIPCODE Wells ville KS Glog2 JOB TYPE Long string HOLE SIZE 597 HOLE DETH 890 CASING SIZE & WEIGHT 21/8" EUC & R CASING DETH! 985 DRILL PIPE SLURRY WEIGHT SLURRY WEIGHT SLURRY VOL WATER SPAISK CEMENT LETT IN CASING 2/2" Plus SHEMARKS: Chic le Passar de park weight with the Mix x pomp 100 x premium Gel Flush Mix thum 14 sts 50/50 Pm Mix Coment 20 Cel SCA 5x KO 1 Seel Per Score to 30 x place 2/2" Rubber Plus to 25 x place 2/2"	1		,						
D. D. Box 128 GITY STATE ZIPCODE Wells ville KS Glog2 JOB TYPE Long string HOLE SIZE 597 HOLE DETH 890 CASING SIZE & WEIGHT 21/8" EUC & R CASING DETH! 985 DRILL PIPE SLURRY WEIGHT SLURRY WEIGHT SLURRY VOL WATER SPAISK CEMENT LETT IN CASING 2/2" Plus SHEMARKS: Chic le Passar de park weight with the Mix x pomp 100 x premium Gel Flush Mix thum 14 sts 50/50 Pm Mix Coment 20 Cel SCA 5x KO 1 Seel Per Score to 30 x place 2/2" Rubber Plus to 25 x place 2/2"	MAILING ADDRE	Explo	ration		4	TRUCK#	DRIVER	TRUCK#	DRIVER
COUNT COUNT STATE ZPOODE Wellsuille KS 66092 Wellsuille KS 66092 DSTYPE LONGSTANS HOLE SIZE 597 HOLE DEPTH 890 CASING SIZE & WEIGHT 21/2" EVE 8R CASING DEPTH 855 DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY VOL. WATER galak CEMENT LEFT in CASING 2/2" Plug DSPIACEMENT S. ISBB. DISPLACEMENT PSI MIX PSI RATE 4 BPO REMARKS: Check Cashy depth white lave Mixt Promp 100 4 From 100 6 Flush Mixt Promp 146 545 50/50 Pm Mix Count 20 Gel So Soft 5 KD 1 Seal Per sock Count to Suviace Flush Lump t lives (lean Displace 21/2" Rubber Plug to asing To W 5.18 B Fresh water, Pressure to 200 4 PSI. Release Fressure to set float Value. Shut in casing. Kurt Finney Drilling ACCOUNT QUANITY of UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SYD 1 1072 PUMP CHARGE Pump Truck 5,725 SYD 1 2073 Ton MILEAGE Pump Truck 5,725 SYD 1 313 757 SYD 1 313 5KS SO/50 Po Mix Count NECEIVED 121125 HILLY 13/3 8KS SO/50 Po Mix Count NECEIVED 121125 HILLY 13/3 8KS SO/50 Po Mix Count NECEIVED 121125 HILLY 13/3 8KS SO/50 Po Mix Count NECEIVED 121125 HILLY 13/4 13/5 8KS SO/50 Po Mix Count NECEIVED 121125 HILLY 13/4 13/5 8KS SO/50 Po Mix Count NeceIVED 121125 HILLY 13/4 13/5 8KS SO/50 Po Mix Count NeceIVED 121125 HILLY 13/4 13/5 8KS SO/50 Po Mix Count NeceIVED 121125 HILLY 13/4 13/5 8KS SO/50 Po Mix Count NeceIVED 121125 HILLY 13/4 13/5 8KS SO/50 Po Mix Count NeceIVED 121125 HILLY 13/5 8KS SO/50 Po Mix Count NeceIVED 121125 HILLY 13/5 8KS SO/50 Po Mix Count NeceIVED 121125 HILLY 13/5 8KS SO/50 Po Mix Count NeceIVED 121125 SEP 88 2018 95 225 HILLY 15/50 PO MIX Count NeceIVED 121125 HILLY 15/5	1	^				50 b	Fred		
Wellswille KS 66092 SOSTION Arlem JOB TYPE LORGENTING HOLE SIZE 598 HOLE DEPTH 890' CASING SIZE & WEIGHT 218" EVE 88 CASING DEPTH 989 DILLIPPE TUBING OTHER SUURRY WEIGHT SLURRY VOL WATER GAING CEMENT LEFT IN CASING 22" Plug DISPLACEMENT 5.1583L DISPLACEMENT PSI MIX PSI RATE 48PM REMARKS: Pluc (Pashe depth white live Mix Pound 100 & Premium Gel Flush Mix of unit 14 Sels 50/50 Pm Mix County 40 Cos Sing To w/ 5.158 B Fresh Water, Pressure to 700 & Post Release Tressure to set float Value Shut in Casing. Kurt Finney Doilling John MILEAGE Pump Truck STOL (2013 2 Tom MILEAGE Pump Truck STOL	\mathcal{P},\mathcal{O} .	BOX 18	2 8 ISTATE	IZID CODE		368	B:1/		
JOB TYPE LONG STAND CASING DEPTH 1890 CASING SIZE & WEIGHT 27/8" EUE & R CASING DEPTH 1895 DRILL PIPE TUBING OTHER SURRY WEIGHT SURRY WEIGHT DISPLACEMENT S. (1583-L DISPLACEMENT PS) MIX PS) REMARKS: Phe K Casha depth w/wiveline Mix from 100 from Mix from 22 free Mix from 100 from 14 from 14 from 100 from 14 from 14 from 100 from 14 from 160 from 14 from 160 from 14 from 160 from				1			Arlen		
CASING DEPTH OF S DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY VOL WATER gallsk CEMENT LEFT IN CASING 2/2 // Plug BISPLACEMENT S. 1583L DISPLACEMENT PSI MIX PSI RATE 4 BPM REMARKS: Phick Pash of path white line Mix Psimp 100 # Premium Gel Flush Mix Volume 146 5/5 50/50 Pa Mix Cament 22 Gel S'OS SAX 5# Kal Seal Per sack Canant to Suvtace. Flush Rump t Inres Clean Displace 2/2 Rubber Plus to casing To w/ 5.15 B Fresh Water. Pressure to 200 # PSI Ralease Fressure to set t lost Value. Shut in casing Kurt Finney Drilling ACCOUNT CODE GUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL CODE SYD 1 1 AFZ PUMP CHARGE PUMP Truck SYD 2 210 °C 1119 B 3 345 Premium Account RECEIVED 121172 1110 A 730 Kol Seal Kol Seal KCC WACCHTE 28472 4492 1 2/2 Rubber Plug SALESTAX IDE 30 ESTIMATED 2 120 70 SALESTAX IDE 30 ESTIMATED 2 120 70 ESTIMATED 2 120 70 ESTIMATED 2 120 70					<u> </u>		Casey		
SLURRY WEIGHT SLURRY WEIGHT SURRY WEIGHT SURRY WEIGHT SUBPLACEMENT PSI MIX PSI RATE 4BPM RATE 4BPM REMARKS: Chic. K. Cash depth w/mive love. Mix Promp 100 th fremium Cell Flush. Mix to Promp 146 sels 50/50 Pm Mix County 22 Cell 5°6 Salt 5th 10 Seel Per sack. Connext to Surface. Flush Lump t loos clean Displace 2th Rubber Plug to casing To w/ 5.18 B Fresh water. Pressure to 700 th PSI. Release Tressure to set float Valve. Shut in casing. Kurt Finney Drilling ACCOUNT QUANTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL STOL 10 ACT PUMP CHARGE County Product STOL 20 ACT Domi MILEAGE PUMP Truck STOL 20 ACT DOMINE PRODUCT WILLIAMS Transport 1117 307 Granulated Salt RECEIVED 121725 11173 8 345 50/50 Po Mix County RICEIVED 121725 1110A 730 Role Seel Sub 70 tal SALESTAX 106.80 ESTIMATED 21207 SALESTAX 106.80						890'	CASING SIZE &	WEIGHT 27/8	" EUE &R
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From the Science Displace 212" Rubber Plus to casing To w/ 5.15 B Fresh Water. Pressure to 200# PSI. Release fressure to set float Value. Shut in casing Rust Finney Drilling ACCOUNT QUANITY or UNITS CODE QUANITY or UNITS STODIC QUANITY or UNITS STODIC DUMP CHARGE Pump Fruck STODIC DIMP CHARGE Pump Truck STODIC DIMP CHARGE Pump Truck STODIC DAYS Transport 1117B 1118B 1315T 11111 307T Gramulated Salt SEP 08 2018 9517 1110A 730T Release Fresh Water					5/25 S	10/50 Por	Mix Con	new 29	Gel
Town S.18 B Fresh Water. Pressure to 700#PSI. Rolease fressure to set float Value. Shut in casing. Rurt Finney Drilling	5%		= KOIS	eal Per s	sack. C	neut to	Surfac	e. Flus	h
Town S.18 B Fresh Water. Pressure to 700#PSI. Rolease fressure to set float Value. Shut in casing. Rurt Finney Drilling	./	np + 1,20.	s Clean	. Displ	ace 21	z" Rubber	Plus	to cas	ing
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ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SYD 1	., .								
CODE CODE COUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT STO 1 1 OF 2 PUMP CHARGE Coment Pump STO 2 STO 6 STO 6 STO 70 MILEAGE Pump Truck STO 70 STO 1 STO	Kurt 1	Finney Dr	illing	-			- Ju	& Mad	u
CODE CODE COUNTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT STO 1 1 OF 2 PUMP CHARGE Coment Pump STO 2 STO 6 STO 6 STO 70 MILEAGE Pump Truck STO 70 STO 1 STO	ACCOUNT	· · ·	<u>σ</u>	T					
Stob 1/2 of 30mi MILEAGE PUMP Truck S125 S407A (0,132 Ton Mileage 213 39 210 00 00 S501 C 21 rs Tvansport 210 00 00 00 1124 131 s.Ks S0/5D Por Mix Comest RECEIVED 1211 75 1118	CODE	QUANITY	or UNITS	DES	SCRIPTION of	SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
Stob 72 of 30mi MILEAGE Pump Truck S175 S407A G132 Ton Ton Mileage 213 37 S501C 21 xs Tvansport 210 00 00 00 00 00 00 00 00 00 00 00 00 0		1/ -			<u>Come</u>	x Pump			87000
1/24						Truck			5, 75
1/24			132 Ton	Ton M:	leage				213 39
1/24	2201 C		Ohrs	Trans	port				210 00
1111 307 Granulated Salt SEP 08 20113 95!7 1110A 730 Kol Seal KCC MCHITA 28472 4402 / 2/2 Rubber plug Sold 70tal Sales Tax 106.80 ESTIMATED 103.76					· · · · · · · · · · · · · · · · · · ·	***			
1111 307 Granulated Salt SEP 08 20113 95!7 1110A 730 Kol Seal KCC MCHITTA 28472 4402 / 2/2 Rubber plug Sold 70tal Sold 70t			·	! 					
1111 307 Granulated Salt SEP 08 20113 95!7 1110A 730 Kol Seal KCC MCHITTA 28472 4402 / 2/2 Rubber plug Sold 70tal Sold 70t				50/50 F	Poz Mix	Coment	R	ECEIVED	121175
1111 307# Granulated Salt 1110A 730# Kol Seal KCC MICHITA 2847º 4402 / 2½° Rubberflug Sub Total Take 6.42 Vin 3737 SALES TAX 106.80 ESTIMATED 21.20 70	11183		• 3 45 [#]						5330
1110A 730 Kol Seal KCC WICHTA 28472 14402 1 21/2 Rubber Plug 3013.96 Sub Total Take 6.42 Vin 3737 ESTIMATED TOTAL 2.125 70	1111	=	3074	Granu	laxed S	alt	JE	0 8 200g	9517
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Sub Total Tax 6.4% SALES TAX 106,80 ESTIMATED TOTAL 2126 70	4402		/	21/2"	Pubber 1	Plus	***************************************		27 00
Sub Total Take 6.42 SALES TAX 106,80 ESTIMATED 70701						107			22
Sub Total Take 6.42 SALES TAX 106,80 ESTIMATED 70701					······································	·			3012 96
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SALES TAX 106,80 ESTIMATED TOTAL 2125.70									
SALES TAX 106,80 ESTIMATED TOTAL 2125.70						Tax	Q 6.49		
ESTIMATED 2 2 2 7									
ESTIMATED 2 2 2 7									
ESTIMATED 2 2 2 7					·			SALES TAX	101.80
TOTAL 1.2.1.2.1.2.1.2.1.2.1.2.1.2.1.2.1.2.1.2	avin 3737	-					- · · · · · · · · · · · · · · · · · · ·		, ,
	LITUODITY	TT /	, ++	1 .					13120.70

DRILLERS LOG

API NO.

15-091-23342

S._15

T. <u>14</u> R. 22 E. W.

OPERATOR:

KELLY COMPANY, LC

LOCATION: SW - NE - NW - NE

ADDRESS:

9746 PFLUMM ROAD

COUNTY: JOHNSON

WELL #:

LENEXA, KS 66215 KAL - 2

LEASE NAME: KNABE-M

FOOTAGE LOCATION: 4700 FEET FROM (N) (S) LINE 1675 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: DOUG EVANS

SPUD DATE:

3/27/2009

TOTAL DEPTH:

900

DATE COMPLETED:

4/1/2009

OIL PURCHASER: MACLASKEY

CASING RECORD

PURPOSE	SIZE OF HOLE	SIZE OF CASING	WEIGHT LBS/FT	SETTING DEPTH	TYPE CEMENT	SACKS	TYPE AND % ADDITIVES
SURFACE:	12 1/4	7	19	20.15		10	SERVICE COMPANY
PRODUCTION:	5 5/8	2 7/8	6.5	883	S		SERVICE COMPANY

WELL LOG

CORES:

#1:836-846

RAN:

RECOVERED:

ACTUAL CORING TIME:

FORMATION	TOP	BOTTOM	<u>FORMATION</u>	TOP	воттом
TOP SOIL	. 0	3	LIME	539	545
CLAY	3	8	SHALE	545	547
LIME	8	10	LIME	547	548
SHALE	10	17	SHALE	548	559
LIME	17	28	LIME	559	566
SHALE	28	37	SHALE	566	583
LIME	37	50	LIME	583	588
SHALE	50	58	SAND & SHALE	588	593
LIME	_, 58	72	LIME SHALE SAND	593	607
SHALE	72	99	SHALE	607	630
LIME	99	123.	LIME	630	633
SHALE	123	125	SHALE	633	637
LIME	125	135	LIME	637	639
SHALE	135	139	SHALE	639	686
LIME	139	171	LIME	686	687
SHALE	171	204	SHALE	687	696
LIME	204	215	LIME	696	697
SHALE	215	230	SHALE	697	708
LIME	230	236	LIME	708	709
SAND & SHALE	236	243	SAND & SHALE OIL	709	714
LIME	243	251	SHALE	714	739
SHALE	251	283	LIME	739	743
LIME	283	284	SHALE	743	757
SHALE	284	290	LIME	757	758
LIME	290	305	SHALE	758	804
SHALE	305	308	LIME	804	805
LIME	308	320	SHALE	805	808
SHALE	320	330	LIME	808	809
LIME	330	351	SHALE	809	834
SHALE	351	355	LIME	834	836
LIME	355	358	OIL SAND	836	841
SHALE	358	365	SHALE	841	900 T.D.
LIME	365	372			
SHALE	372	435			
LIME	435	436			
SHALE	436	539			