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 # 31302	API No. 15 - 019-26,658-0000
Name: Jones & Buck Development	County: Chautauqua
Address: P.O. Box 68	SE _NW _NW _NW Sec. 10 Twp. 34 S. R. 11
City/State/Zip: Sedan, KS 67361	350 feet from S / (circle one) Line of Section
Purchaser: Coffeyville Resources	350 feet from E / (circle one) Line of Section
Operator Contact Person: P. J. Buck	Footages Calculated from Nearest Outside Section Corner:
Phone: (_620) _725-3636	(circle one) NE SE (NW) SW
Contractor: Name: MOKAT Drilling	Lease Name: Pape Well #: JBD #10-1
License: 5831	Field Name: Peru-Sedan Oil & Gas
Wellsite Geologist: Thomas H. Oast	Producing Formation: Mississippi Chat
Designate Type of Completion:	Elevation: Ground: 845' Kelly Bushing: N/A
✓ New Well Re-Entry Workover	Total Depth: 1816' Plug Back Total Depth: 1790'
	Amount of Surface Pipe Set and Cemented at 80 Feet
OII SND Temp. Add. Gas ENHR SIGW 1 200	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)NIC	Thes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1790'
Operator:	feet depth to surface w/ 220 sx cmt.
Well Name:	1 - 5 .
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) 7-17-07
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
	Lease Name: License No.:
March 30, 2005 April 4, 2005 April 20, 2005 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
ν.	
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs of TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. All requirements of the statutes, rules and regulations promulgated to regulations are complete and correct to the best of my provided.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.	OAT KCC Office Use ONLY
Signature: Monas H. C	///s RCC Office use ONLY
Title: Geologist Date: October 19, 2005	Letter of Confidentiality Received
Subscribed and sworn to before me this 19th day of October	If Denied, Yes Date:
2005	Wireline Log Received
NOTARY PUBLIC, S	
Notary Public: TIM DO My Appt. Exp. 4	TY UIC Distribution
/ My Appt. Exp/	<u> </u>

☐ Open Hole - ☑ Perf. ☐ Dually Comp.

Other (Specify) _

Commingled _

(If vented, Submit ACO-18.)

Operator Name: Joi	nes & Buck Deve	lopment		Lease Name: Pape			Well #: JBD #10-1				
Sec. 10 Twp.			t		y: Chau			······································		 	
INSTRUCTIONS: Stested, time tool operature, fluid re Electric Wireline Log	en and closed, flowin covery, and flow rate	g and shu s if gas to	t-in pressures, surface test, a	whether st long with f	hut-in pre	essure reached	static level, hydro	static pressur	es, botto	m hole	
Drill Stem Tests Take		Y	es √ No	4	□ L	og Formati	on (Top), Depth a	nd Datum	V	Sample	
Samples Sent to Ge	ological Survey	□ Y	es 🗹 No		Nam	e on Sandstone	.	Тор 709		Datum +136	
Cores Taken		□ Y	es 🔽 No		_	n Limestone	•	910		-65	
Electric Log Run (Submit Copy)		✓ Y	es No	,	Altaı	nont Limesto	ne	1183		-338	
List All E. Logs Run:	:				Miss	sissippi Chat		1747	-	-902	
Gamma Ray/	Neutron/Ceme	ent Bon	iding				RECEIV	ED			
•			J				OCT 2 1 2	005			
							KCC WIC	HITA	······································		
		Repo		RECORD conductor, su		ew Used ermediate, produc					
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)	Wei		Setting Depth	Type of Cement	# Sacks Used		and Percent	
Surface	11"	8.625"		23		80	Portland	16	None		
Production	6.75"	4.50"		9.5		1790.8	50/50 Poz	220	See ti	icket	
D		T	ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD	<u> </u>				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sacks	Used		Type and P	ercent Additives			
Shots Per Foot	PERFORAT	ION RECOF	RD - Bridge Plug	ıs Set/Type		Acid, Fra	cture, Shot, Cement	Squeeze Reco	rd		
Shots Fel 1 bot	Specify	Footage of	Each Interval Per	forated		· · · · · · · · · · · · · · · · · · ·	nount and Kind of Ma	terial Used)		Depth	
3	1750-1754					300 gallon 1	5% HCL			same	
TURNO PEGASE	Cia	6.4		D							
TUBING RECORD 2.	Size 375	Set At 1700		Packer A	M	Liner Run	Yes ✓ No				
Date of First, Resume April 20, 2005	rd Production, SWD or E	Enhr.	Producing Met	hod [Flowing	g 📝 Pumpir	ng Gas Lift	Oth	er <i>(Explair</i>)	
Estimated Production Oil Bbls. On Per 24 Hours .2 .2 .15				Mcf	Wate	Water Bbls. Gas-Oil Ratio Grav					
Disposition of Gas	METHOD OF (COMPLETIC	L			Production Inter	val				
Vented ✓ Sold ⟨If vented, S	Used on Lease		Open Hole	✓ Perf.	. [] t	Oually Comp.	Commingled				

ACKARMAN HARDWARE and LUMBER CO 160 EAST MAIN STREET SEDAN, KS 67361

PHONE: (620) 725-3103

THANKS FOR YOUR SUSIMESSII

JBD-10-1

ust No Job No	Purchase Order	Reference	Terms	Clerk	Date	Time
253636		PAPE LEASE	NET 10TH	sc	3/30/05	4:02
Sold To:		Ship To:	1			
JONES & BUCK	DEVELOPMENT		ł	,	DOC#	107483
P. O. BOX 68			ļ		**DUPL	CATE
		1 1	l		• INVO	OICE .
SEDAN	KS 67361	l L			*****	*****
			TAX :	001 KANSAS SALES TAX		

LANS SKIPPED ORDERED UM SPU DESCRIPTION SUGGEST PARTICIPAL INTERESTOR

1 16 EN RM44416 PORTLAND CIRCUIT 944

RECEIVED

OCT 2 1 2005

CCC WICHITA

** AMOUNT CHARGED TO STORE ACCOUNT **

TAX AMOUNT 8.98 TOTAL AMOUNT 140.98

Received By

NON-TAXABLE

SUBTOTAL

132.00

132.00

0.00

140.98 TAXABLE

- LIDA	TED OIL WELL SERVICES,	■ 1			ER J	1 styles
	STREET, CHANUTE, KS 66					Committee all
ALA27-0210	าได้ ค.ศ. สากาสสารสุดสุด ปี เยียงโกล	as agreement	set forth-in-		Trio Wake	1CAL
Mary Yar A	ATture thereon, crising no.	EATMENT DEDO	<u> 1 </u>	<u>Triningly as miles</u>	AC 16575, AU 1262	
	normed by COWS has amied	50 (4 a fe) [50 (1) (4 (2) a c		O San Day of	TO SHIP OF LA	
DATE	CUSTOMER #:: \	CEM	THO OF COOKING		isto a to make	
	CUSTOMER,##		SECTION	LOMNSHIP, 11	RANGET	COUNTY
1-5-05	(424) Y 10 P Vindsii	7009	10	345	11E	COM C
رخ RAMOTRU (ie, well), or	7 /) N		TOUGISHUR		Withing and	
	รรามอยุรยาท และบบชะเลเลย		TRUCK#	DRIVER	TRUCK#	DRIVER
ith the usu	of or the any way connected w	• •	00.7	Te:		e kite ja
<u>deplayence.</u> TY			22 de mortin	No Some	<u></u>	
, to spribuon	since of COVA	***	107.411 WG	Druck	removale is t	Albert
·	<u> </u>	7//	427 19 01 X		- Kick,	TP
B TYPE - C	HOLE SIZE 6	HOLE DE	PTH 10 3(nooths 9	CASING SIZE & W	EIGHT Y/A	11,60
SING DEPTH	Jan DRILL RIPE	<u> </u>			OTHER LOCKE IN	general transfer
URRY WEIGH	IT <i>/3,5-14,5</i> ::SLURRY:VOL <u>er</u>	<u>ามภาคโลงกลา</u> ้อา WATER g	jal/sk	CEMENT LEFT in	CASING	
SPLACEMENT		T PSI <u>700</u> MIX PSI^	O =1000 (28) 1.	RATE 43	a large terminal	*1 1 1 1 1 1 1
MARKS: E	52 Cula l'un	Kan 45x	6£(10/	mills K	un 180	3x
2/50 0	the contraction to again a configuration of a particular particular to	10 sx OWC (w/ bulls 100	asted be	Was D	41
mineral		1 0	er malacto	int of 2% is and	nno mudano x	
mand seat	dysis, job recomme late			or all services p		
#10 J. (D. 1	SOMO COMO DESCRIPTION	iumished by		Starti Figure	3110 - We 1971	· 3 ₁ · . · . ·
	() () () () () () () () () ()		RF	CEIVED		
arcu	arck cernent		2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	<u> </u>
<u> </u>	in for statemac, in our firm Limit	SCHWOOD BY FOR THE SECOND		[2 1 7005	N 77 W. W	
	a 2 th and your says or a longer or get	transport mening on				
des a series	Agricum and source loss and			· vangenta.	or and the second second	
ପୁର୍ବାଚ ପ୍ର କ ମଧ୍ୟଟିତ ହେଉ	e er		KC	WICHITA	tu. 19 23 3 1 mile.	
รณ์ได้รับ วิชาก	The society partition as	A TURY OF BODY			al over the	- 1200 A.C.
ACCOUNT,	* · · · · · · · · · · · · · · · · · · ·	A TURY OF BODY	N of SERVICES of PRO			TOTAL
ACCOUNT:	JENA QUANITY OF UNITS	FRASHADESCRIPTIO	N of SERVICES of PRO	poúcť liav pili i	UNIT PRICE	TOTAL
ACCOUNT + CODE	MENAL QUANITY OF UNITS	PUMP CHARGE LOA	N of SERVICES of PRO		UNIT PRICE	TOTAL
ACCOUNT TOODE	JERNI QUANITY OF UNITS! - 23	PUMP CHARGE LON	N of SERVICES OF PRO	DDÚCT HOUT ON THE	UNIT PRICE	TOTAL 50,00
ACCOUNT TOODE	MENAL QUANITY OF UNITS	PUMP CHARGE LON	N of SERVICES OF PRO	poúcť liav pili i	UNIT PRICE	TOTAL 50,00
ACCOUNT: TOOLS 406	JEE J GANTY OF UNITS J GASTELLE DOS 11 MIN X 2 TRUCKS	PUMP CHARGE LON MILEAGE	N of SERVICES OF PRO	DDÚCT HOUT ON THE	UNIT PRICE	TOTAL 50,00
ACCOUNT CODE SYOL	JERNI, QUANITY OF UNITS J Galariem and	PUMP CHARGE LON MILEAGES TO MILEAGES TO MI	N of SERVICES OF PRO	ODÚCT HOU ON I MA LONE LOS A MACLOS TO A	UNIT PRICEY 10 10 10 10 10 10 10 10 10 10 10 10 10 1	TOTAL 1/2 , 72 470, 00
ACCOUNT: CODE	MEND QUANTY OF UNITS 1—23 A part and fent to a resident t	PUMP CHARGE LON MILEAGES TO MILEAGES TO MI	N of SERVICES OF PRO	ODÚCT HOU ON I MA LONE LOS A MACLOS TO A	UNIT PRICEY 10 10 10 10 10 10 10 10 10 10 10 10 10 1	TOTAL 1/2, 72 470,00 286,88
ACCOUNT CODE S 406	MENT QUANTY OF UNITS A CONTROL OF UNITS A CO	PUMP CHARGE LOCAMILEAGES MILEAGES FOOTAGE HTAIGEMUIL 50/50 Poz CE	N of SERVICES OF PRO	ODÚCT HANG A SHI S MAG A GARAGA MAG A GARA	UNIT PRICEY OF THE MENTE OF THE MENTE OF THE MENTE OF THE MENTE THE MENTE OF THE MENTE THE MENTE OF THE MENTE THE MENTE OF THE MENTE	TOTAL 1/2, 72 470, 00 286,88
ACCOUNT: CODE 5406 70 7 10 10 10 10 10 10 10 10 10 10 10 10 10	MENT QUANTY OF UNITS A MAN AND AND AND AND AND AND AND AND AND A	PUMP CHARGE LON MILEAGEN BULK De live FOOTAGE HTAIGEMMI 50/50 POZ CE OWC. CEME	N of SERVICES OF PRO	ODÚCT HOU ON I MA LONE LOS A MACLOS TO A	UNIT PRICEY 10 10 10 10 10 10 10 10 10 10 10 10 10 1	TOTAL 1/2, 72 470,00 286,88 1332.0 508,00
ACCOUNT CODE 5406 5406 5402 78000 7/24	HEROLOUANITY OF UNITS! 23 American political by the political pol	PUMP CHARGE LONG MILEAGE MILEAGE TAIGEMMI SO/SO POZ CE DUC CEME	N of SERVICES OF PRO OF S	ODÚCT HANG A SHI S MAG A GARAGA MAG A GARA	UNIT PRICEY 10 MARINE 10 MARINE	TOTAL 1/2, 72 470, 00 286, 88 1332.0 508, 00 14, 30
ACCOUNT CODE 5406 5406 5402 724 724 726 707	MENT QUANTY OF UNITS A MAN AND AND AND AND AND AND AND AND AND A	PUMP CHARGE LON MILEAGEN BULK De live FOOTAGE HTAIGEMMI 50/50 POZ CE OWC. CEME	N of SERVICES OF PRO	DOUCT Have a State of the state	UNIT PRICEY 10 MARINE 10 MARINE	TOTAL 1/2, 72 470, 00 286, 88 1332.0 508, 00 14,30
ACCOUNT: CODE	MENAL QUANITY OF UNITS A SENT QUANITY OF UNIT	PUMP CHARGE LON MILEAGEN Se live FOOTAGE HTAIGENMIN SO/SO POZ CE DUSC CEME Hulls	N of SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF S	DOUCT HAVE A STATE OF THE PROPERTY OF THE PROP	CONIT PRICES	1/2, 70 1/2, 70 470,00 286,88 1332.0 508,00 14,30 126,00 385,2
ACCOUNT CODE 5406 5406 5402 724 724 726 7707	MENAL QUANITY OF UNITS A SENT PURISH DO NOT THE	PUMP CHARGE LON MILEAGE BUIL De live FOOTAGE HTAIGEMINI 50/50 POZ CE DUSC CEME HUISS FOSCAL GALSONIA	N of SERVICES OF PROPERTY OF SERVICES OF S	Principle of the princi	CUNIT PRICES CONTROLL CO	TOTAL 1/2, 70 1/2, 70 470, 00 286, 88 1332.0 508, 00 14,30 126,00 385,20
ACCOUNT CODE 5406 5406 5402 724 724 726 7707	MENAL QUANITY OF UNITS A SENT QUANITY OF UNIT	PUMP CHARGE LON MILEAGE BULK De l'UN FOOTA OL SO/SO POZ CE OUC CEME HUISS FOSCAL	N of SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF S	DOUCT Have and a second of the	CUNIT PRICES CONTROLL CO	TOTAL 1/2, 70 1/2, 70 470, 00 286, 88 1332.0 508, 00 14,30 126,00 385,20
ACCOUNT CODE 5406 5406 5402 724 724 726 7707	MENAL QUANITY OF UNITS A SENT PURISH DO NOT THE	PUMP CHARGE LON MILEAGE BULK De l'UN FOOTA OL SO/SO POZ CE OUC CEME HUISS FOSCAL	N of SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF S	Principle of the princi	CUNIT PRICES CONTROLL CO	101AL 1/2, 70 1/2, 70 470, 00 286, 88 1332.0 508, 00 14,30 126,00 121,50
ACCOUNT, CODE 6406 6407 6407 6407 6407 6407 6407 6407	ABOO 361 SEND OURNITY OF UNITS ABOUT OF UNITS ABOUT SEND BOTTON ABOOT SEND BOTTON ABOUT SEND BOTTON AB	PUMP CHARGE LON MILEAGE BULK Se l'VI FOOTA 91 HAIGEMUI 50/50 POZ CE OWC. CEME HUISS FOSCA LA USON/AL	N of SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF S	DOUCT Have and the control of the co	CUNIT PRICES CONTROLL CO	101AL 1/2.70 1/2.70 470.00 286.88 1332.0 508.00 14.30 126.00 121.50 101.00 70.18
ACCOUNT CODE 5406 5406 5402 724 724 726 7105 7106 7106 71100 71100 71100	ABOUT STANDER OF THE	PUMP CHARGE LON MILEAGE MILEAGE FOOTA OL TAIGEMUNI 50/50 POZ CE OWC. CEME HULLS FOSCAL LAISON/KE SALTEN LAIS	N of SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF S	VIA CASE CASE VIA CASE V	CONT PRICES CONTROL CONTROL CON	101AL 1/2, 70 1/2, 70 470, 00 286, 88 1332.0 508, 00 14,30 126,00 385,20 121,50 104,00 70.18
ACCOUNT, CODE 5406 5406 5406 5406 5406 5406 5406 5406	Application of the second of t	PUMP CHARGE LON MILEAGE FOOTA 91 HTAIGHMUIL 50/50 POZ CE OUC CEME HUISS FOSEA LAUSON FE SALTER 4/24/Rubber CHY Water	N of SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF PROPERTY OF SERVICES OF S	DOUCT Have and the control of the co	CONIT PRICEY CONTROL STATE CONTROL	1332.00 1/2, 72 470.00 286, 88 1332.00 508, 00 14,30 126,00 185,20 121,50 70.18
ACCOUNT, CODE 5406 5406 5406 5406 5406 5406 5406 5406	ABOUT STANDER OF THE	PUMP CHARGE LON MILEAGE FOOTA OL SO/SO FOR CEME HUISS FOSEAL LALISON FRE CHY Water HISTORY ONE CHY WATER ONE CHY WATER ONE CHY WATER ONE CHY WATER ONE CHY ONE CHY WATER ONE CHY ONE CHY WATER ONE CHY ONE CH	Nof SERVICES OF PROPERTY OF SERVICES OF SE	According to the property of t	CONIT PRICEY CONTROLL CO	1332.00 1/2, 72 470.00 286, 88 1332.00 508, 00 14,30 126,00 185,20 121,50 70.18
ACCOUNT, CODE 5406 5406 5406 5406 5406 5406 5406 5406	HEIOL QUANTY OF UNITS! - 23 A proposed of the	PUMP CHARGE LON MILEAGE FOOTA OL SO/SO POZ CE OUC CEME HUISS FTOSEA LA LISON FL SALTER CHY WATER CHY WATER ONE CHY W	And the services of PRO	A control of the cont	CONT PRICEY TO THE PRICEY TO THE PRICEY TO THE PRICEY TO THE PRICE PRICE TO THE P	1011.00 1/2.70 470.00 286,88 1332.00 508,00 14,30 121,50 121,50 70.18 37.00
ACCOUNT CODE 5406 5406 5407 5407 6407 6407 6407 6407 6407 6407 6407 6	A PRIOR AND TO THAT I SHE I SHOW I SHE I SHOW I SHE I SHOW	PUMP CHARGE LON MILEAGE FOOTA OL HTAIGHMUIL 50/50 POZ CE OUC CEME HUISS FOSEA LAUSON FR SALTER ON RUBBER ON RUB	And the services of PRO	A COLOR OF TO	CONIT PRICEY CONIT PRICEY CONIT CONTROL CONTR	101AL 1/2, 70 1/2, 70 1/2, 70 286, 88 1332, 00 508, 00 14, 30 121, 50 121, 50 121, 50 121, 50 121, 50 121, 50
ACCOUNT: CODE 5406 5407 1/24 1/26 1/105	HEIOL QUANTY OF UNITS! - 23 A proposed of the	PUMP CHARGE LON MILEAGE FOOTA OL SO/SO POZ CE OUC CEME HUISS FTOSEA LA LISON FL SALTER CHY WATER CHY WATER ONE CHY W	And the services of PRO	A COLOR OF TO	CONIT PRICEY CONIT PRICEY CONTROL CONTROL CONTROL CONTROL CONT	1011,00 1/2,70 470,00 286,88 1332.00 508,00 14,30 121,50 121,50 101,00 101,00 280.00
ACCOUNT CODE SYOL SYOL SYOL SYOL SYOL SYOL SYOL SYOL	A PRIOR AND TO THAT I SHE I SHOW I SHE I SHOW I SHE I SHOW	PUMP CHARGE LON MILEAGE FOOTA OL HTAIGHMUIL 50/50 POZ CE OUC CEME HUISS FOSEA LAUSON FR SALTER ON RUBBER ON RUB	And the services of PRO	A COLOR OF TO	OCEST CO SETE TO SELECTION OCEST CO SETE TO SET TO S	1011,00 1/2,70 470,00 286,88 1332.00 508,00 14,30 121,50 121,50 101,00 101,00 280.00
ACCOUNT CODE SYOL SYOL SYOL SYOL SYOL SYOL SYOL SYOL	MENDING PRINCIPAL AND	PUMP CHARGE LON MILEAGE FOOTA OL HTAIGHMUIL 50/50 POZ CE OUC CEME HUISS FOSEA LAUSON FR SALTER ON RUBBER ON RUB	According to the property of t	Douct Hay and the common and the com	CONIT PRICEY CONIT PRICEY CONTROL CONTROL CONTROL CONTROL CONT	1011,00 1/2,70 470,00 286,88 1332.00 508,00 14,30 121,50 121,50 101,00 101,00 280.00



M.O.K.A.T. DRILLING Office Phone: (620) 879-5377



P.O. Box 590 Caney, KS 67333

Oli and Gas	AACIIO															
Operator -	TONES & DITIO	W DEVIZI ODMENT	Well No.		Lease		Loc.		1/4 1	4	1/4	Se	c. 10	Twp.	34	Rge,
	JONES & BUC	K DEVELOPMENT	JBD#10	-1	PAPE											
			County		State		Type/Well		Depth		Hours	Da	te Starte	ed	Date	Complete
			CHAUTA	UQUA		KS			1816			Ī	3-30-0	5		
Job No.		Casing Used		T	В	it Record	d			Coring Record						•
		, -	8 5/8"	Bit No.	Туре	size	From	То	Bit No.	ty	ре	Size	From		То	% Rec.
Driller		Cement Used			-		太	8	74							
	DAVE		16			6 3/4"	\square	C	卫				<u> </u>			
Driller		Rig No.						2	洲	İ						
	JERALD		1						Z							
Driller		Hammer No.			ļ		11 17	2 1005								
								7 5								
							76						-			

Formation Record

From	To	Formation	From	То	Formation	From	То	Formation	From	То	Formation
0	2	OVERBURDEN	414	425	SHALE & SAND	928	944	SAND			BLACK SHALE
2	30	RED SAND	425	446	LIMEY SHALE & SHALE	944		SANDY SHALE			SAND
	44	GRAY SAND & SANDY SHALE	446	452		951	952	COAL	1347	1385	SANDY SHALE
	48	SANDY SHALE	452	462	SHALE & SANDY SHALE			SAND & SANDY SHALE	1385		LIME
		SAND (WATER)	462	476_	SAND	975		LIME	1414	1420	BLACK SHALE
	60	BLACK SHALE & COAL	476	477	COAL	977		SAND	1420	1443	LIME
	69	SAND	477	480	LIMEY SAND	983		SANDY SHALE	1443		BLACK SHALE
	78	GRAY SAND	480	485	LIMEY SAND	990	1007	SAND & SANDY SHALE	1449	1455	LIME
	80	LIME	485	502	SAND & SHALE	1007		SHALE	1455	1470	LIMEY SHALE
	95	LIMEY SAND	502	506	LIME	1085	1096	LIMEY SHALE		1485	SHALE
95	105	SANDY SHALE	506	523	SHALE & SANDY SHALE	1096	1097	BLACK SHALE	1485	1487	LIME
105	112	SAND & LIMEY SHALE	523	536	SAND	1097	1103	LIMEY SHALE	1487	1488_	COAL
112	113	LIME	536	587	SANDY SHALE	1103	1104	BLACK SHALE	1488	1496	SHALE
113	136	SANDS HALE	587	599	SHALE	1104	1108	LIME	1496	1505	SAND
136	142	SAND	599	602	LIME	1108		COAL	1505	1512	SHALE & SANDY SHALE
142		SANDY SHALE	602	603	SHALE	1109		SANDY SHALE & SAND	1512	1513	COAL
180	189	SHALE	603	606	LIME	1111	1119	LIME			GRAY SHALE
189	205	SANDY SHALE	606	614	BLACK SHALE	1119	1124	SAND	1520		RED & GRAY SHALE
205	212	SHALE	614	702	LIMEY SHALE	1124		LIMEY SAND	1545	1610	SANDY SHALE
212	220	SAND	702	734	SAND	1126	1149	SAND & SANDY SHALE	1610	1625	RED & GREEN SHALE
220	236	SANDY SHALE	734	739	SHALE & SANDY SHALE	1127		OIL SHOW	1625	1657	GRAY SHALE
236	270	SAND	739	782	SAND	1149	1177	SANDY SHALE	1657	1658	LIME
250	2.0	WENT TO WATER	782	783	COAL	1177	1182	SHALE	1658	1665	GRAY SHALE
270	289	SANDY SHALE	783	785	SANDY & GRAY SHALE	1182		LIME	1665		BLACK SHALE
289	290	COAL	785	788	LIME	1210	1217	SANDY SHALE	1670		RED & GREEN SHALE
290	310	SAND	788	800	SHALE	1217	1222	SAND	1700	1721	GRAY SHALE
310	315	LIME	800	855	SAND	1222	1238	SHALE	1721	1722	COAL
315	320	LIMEY SHALE	855	856	COAL	1238	1302	SAND & SANDY SHALE	1722	1726	GRAY SHALE
320	378	SANDY SHALE	856	908	SHALE	1302	1331	LIME	1726	1727	COAL
378	413	SAND & SANDY SHALE	908	924	LIME	1331		BLACK SHALE	1727	1740	SHALE
413	414	LIME	924	928	SANDY SHALE	1335	1336	COAL	1740	1758	CHAT LIME (MISSISSIPP



M.O.K.A.T. DRILLING Office Phone: (620) 879-5377



P.O. Box 590 Caney, KS 67333

Oli alla Gas Mens																		
Operator		Well No.		Lease		Loc.		1/4 1/4		1/4	Sec. Twp		vp.	Rge,				
		County	<u> </u>	State	<u>.</u>	Type/Well		Depth		Hours	Date	Started	Dat	e Completed				
Job No.	Casing Used			E	Bit Reco	rd		1,		С	 oring F	Record						
			Bit No.	Type	size	From	То	Bit No.	typ	oe S	ize	From	То	% Rec.				
Driller	Cement Used								:									
Driller	Rig No.	·			1													
Driller	Hammer No.																	
					-4: D		1			\			- 1					

Formation Record

	Formation Record											
From	Τo	Formation	From	То	Formation	From	То	Formation	From	То	Formation	
1758	1765	LIME										
1765	1778	CHAT & SOFT LIME										
1778	11804	LIME			,							
1804	1816	CHAT & CHERT										
		1						E			<u> </u>	
	I	T.D. 1816'										
		:										
						X		\mathcal{D}				
						Q	DC.					
							1	C			· · · · · · · · · · · · · · · · · · ·	
							, Z					
						2	7	V				
						2	2005 ~1.11					
	<u> </u>					-) -					
							7					
						-	A STATE OF THE STA					
			_				-					
	Ļ											
	<u> </u>											
	<u> </u>											
				<u> </u>		ļ	···					
		<u> </u>										
<u> </u>	 		 	ļ								
<u> </u>	-			 								
	 	ļ	 	 								
	 		 	ļ								
	 					_						
	+		+						-			
	┼		+	 	<u> </u>		-					
		<u> </u>		<u></u>	<u> </u>		ļ,	<u> </u>	L			