KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33640	API No. 15 - 059-25178-0000
Name: Haas Petroleum, L.L.C.	County: Franklin
Address: 800 S. 47th Street, Suite # 409	NENE_SW_SESec. 4 Twp. 16 S. R. 21 7 East West
City/State/Zip: Kansas City, Missouri 64112	1255 feet from S N (circle one) Line of Section
Purchaser: Plains Marketing	1485 feet from E W (circle one) Line of Section
Operator Contact Person: Mark L. Haas	Footages Calculated from Nearest Outside Section Corner:
Phone: (816) 531-922	(circle one) NE SE NW SW
Contractor: Name: Skyy Drilling	Lease Name: E-Lidikay Well #: 49-HP
License: 33557	Field Name: Paola-Rantoul
Wellsite Geologist:	Producing Formation: Squirrel
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 741 Plug Back Total Depth:
✓ Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 20 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth to 741 w/ 100 sx cmt, Alt 2-Dlg - 2/1-
Well Name:	\mathcal{O}^{-1}
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	Chloride content ppm Fluid volume bbls
Plug BackPlug 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.:
October 20, 2006 October 25, 2006 October 30, 2006 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
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 ells. 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	KCC Office Use ONLY
Title: Operator Date: November 27, 20	006 Letter of Confidentiality Received
Subscribed and sworn to before me this 2010 day of November	If Denied, Yes Date:
	Wireline Log Received
20 06 .	Geologist Report Received
Notary Public: Mary & Welser mary L. L.	UIC Distribution RECEIVED
Date Commission Expires: May 22.2008	DEC 0 8 2006
MARY L. WEBER Notary Public - State of Kansas	·
My Appt. Expires May 22, 2008	KCC WICHITA

Side Two

Operator Name: Ha	aas Petroleum, L.L	C.	Lease Name:	E-Lidikay		. Well #: 49-h	IP
	16 S. R. 21	County: Fran	klin				
tested, time tool ope temperature, fluid re	en and closed, flowing ecovery, and flow rates	and base of formations p g and shut-in pressures, s if gas to surface test, a inal geological well site	whether shut-in pa along with final cha	essure reached	static level, hydros	static pressure	es, bottom hole
Drill Stem Tests Tak (Attach Additiona		Yes You		Log Formation	on (Top), Depth ar	nd Datum 🧃	Sample
Samples Sent to Ge	eological Survey	☐ Yes 🔀No 🚶	Nar	nè		Top)	(Datum)
Cores Taken	· · · · · · · · · · · · · · · · · · ·	Yes No					
Electric Log Run (Submit Copy)	1	Yes No?	1111	-		,	
List All E. Logs Run	: 4						a .
		CASING	RECORD N	lew Used		,,	
	,	Report all strings set-		77. 22. 7	1,7,7,1,1,1		
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
SURFA	er 927	65	17+	DO F			NA
CASEIN.	5%	27	4.5		RESUM		ns
		ADDITIONAL	CEMENTING / SQ	HEEZE BECORD			
Purpose:	Depth	Type of Cement	#Sacks Used	- TEOONB		rcent Additives	
Perforate Protect Casing Plug Back TD	Top Bottom	type of Centerit	"Oddico Oddo				-
Plug Off Zone						-	
Shots Per Foot		ON RECORD - Bridge Plug cootage of Each Interval Per			ture, Shot, Cement S nount and Kind of Mate		Depth
	21 @ 2 Per Foot	- 625 to 685					
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
TUBING RECORD /	Size ;	Set At 🗡	Packer At ;	Liner Run			
/	See Tay	TO	(<u></u> ,)		Yes No		
Date of First, Resumer	rd Production, SWD or Er	nhr./ Producing Meth	nod ⁱ Flowi <u>n</u>	g Pumpin	g Gas Lift	Other	r (Explain)
Estimated Production Per 24 Hours		Bbls.] Gas	Mcf / Wat	1		s-Oil Ratio	Gravity
Disposition of Gas	METHOD OF CO	OMPLETION		Production Interv	val		v
. Vented Sold	Used on Lease	Open Hole		Dually Comp.	Commingled		
(If vented, St	ubmit ACO-18.)	Other (Speci	fy)		· <u></u>	į.	RECEIVED

DEC 0.8 2000 KCC WICHITA

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 # 33640	API No. 15 - 059-25178-0000
Name: Haas Petroleum, L.L.C.	County: Franklin
Address: 800 S. 47th Street, Suite # 409	NENE SW_SESec. 4 Twp. 16 S. R. 21 7 East West
City/State/Zip: Kansas City, Missouri 64112	1255 feet from S) N (circle one) Line of Section
Purchaser: Plains Marketing	1485 feet from E W (circle one) Line of Section
Operator Contact Person: Mark L. Haas	Footages Calculated from Nearest Outside Section Corner:
Phone: (816) 531-922	(circle one) NE SE NW SW
Contractor: Name: Skyy Drilling	Lease Name: E-Lidikay Well #: 49-HP
License: _33557	Field Name: Paola-Rantoul
Wellsite Geologist:	Producing Formation: Squirrel
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 741 Plug Back Total Depth:
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 20 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth to 741 w/ 100 sx cmt.
Well Name:	SX CITE.
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)
Plug Back Plug Back Total Depth	Chloride content ppm Fluid volume bbls
,	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No	Lease Name: License No.:
October 20, 2006 October 25, 2006 October 30, 2006	
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec. Twp. S. R. East West
	County: Docket No.:
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 1	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. In 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.	ate the oil and gas industry have been fully complied with and the statements
Signature	KCC Office Use ONLY RECEIVED
Title: Operator Date: November 27, 200	6 Letter of Confidentiality Recians Corporation COMMISSIO
Subscribed and sworn to before me this 2010 day of November	If Denied, Yes Date: JAN 1 2007 Wireline Log Received
2006	Geologist Report Received CONSERVATION DIVISION
Notary Public: Mary & We else mary we	WICHITA KS
Date Commission Expires: May 22.2008	
MARY L. WEBER	DEC 11 & 200.00
Notary Public - State of Kansas My Appt. Expires May 22, 2008	KCC WICHITA
	1 W W 7 W



REMIT TO

Consolidated Oil Well Services, Inc. Dept. 1228 Denver, CO 80256

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

INVOICE

1nvoice #

210209

Invoice Date:

10/31/2006

Terms:

Page

1

HAAS, MARK

800 W. 47TH ST. SUITE 409

KANSAS CITY MO 64112

(913) 402 - 0998

E LIDIKAY #49 HP

4-16-21

8921

10/30/06

			========		=======
Part 1124 11188 1107 4402	Number	Description 50/50 POZ CEMENT MIX PREMIUM GEL / BENTONITE FLO-SEAL (25#) 2 1/2" RUBBER PLUG	Qty 100.00 300.00 25.00 1.00	.1400	Total 885.00 42.00 45.00 20.00
164 164 237 370	Description CEMENT PUMP EQUIPMENT MILE MIN. BULK DELI 80 BBL VACUUM	VERY	Hours 1.00 20.00 1.00 2.00	Unit Price 800.00 3.15 275.00 90.00	Total 800.00 63.00 275.00 180.00

Parts:

992.00 Freight:

.00 Tax:

67.46 AR

Labor:

.00 Misc:

.00 Total:

2377.46

.00 Supplies:

2377.46

.00 Change:

.00

RECEIVED

Signed_

Date_

DEC 6 8 2006

CONSOLIDATED OIL WELL SERVICES, INC. P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

TICKET NUMBER	08921
LOCATION Office	um KS
FOREMAN Fred	Mader

TREATMENT REPORT & FIFI D TICKET

				CEMEN	T			•
DATE	CUSTOMER#	1	ELL NAME & NUN		SECTION	TOWNSHIP	RANGE	COUNTY
10-30/06	3451	E. Lidi	kay # 45	HP	4	16	21	FR
CUSTOMER	Petroleu	_			TRUCK#	DRIVER	TRUCK#	
MAILING ADDRI	ESS) A A A		-	506	Fremad	TRUCK#	DRIVER
800 v	474h st	. (+ u)	^ 9		164			
CITY	J 712 31	STATE	ZIP CODE	-	237	RicAyb Rod Bas	<u> </u>	
Kansa	s C.Yu	mo	64112		370	Marwil		
OB TYPE LO		HOLE SIZE	61	_ HOLE DEPTH		CASING SIZE & W	EIGHT 278	EVE
ASING DEPTH	7	DRILL PIPE					OTHER	
	IT	SLURRY VOL		_		CEMENT LEFT in		lug
ISPLACEMENT	r	DISPLACEME	NT PSI			RATE - 4BPN		
		_				tablish C		
- 4	-Pump					- Pump 1		
^	nix Com					Course		
Flus	sh oumo					Rubber ale		
, ,	w/ 4.26		•			650 M 08		}
	stys.					,		
	8					Fr. Om	2 Dec	
						/ wex 14.		
		······································						
ACCOUNT CODE	QUANTITY	or UNITS	Di	ESCRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
5401		1	PUMP CHARG	E Com	nt Punes	164		80000
5406		20 4	MII FAGE		There is	14.4		1-09

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	<u> </u>	PUMP CHARGE Comput Pump 164		80000
540,6	20 mi	MILEAGE Pump Truck 164		4309
5407	Minimum	Ton Mileage 237		2750
55020	2 hvs	80 BBL Vac Fruck 370		1800
1124	100 sks	50/50 Pormix Cement		885-99
11183	3∞ ≠	Premion Gel		420
1107	25 ₺	Flo. Seal		45-00
4402	1	Flo: Seal 22 Rubber Plug		2009
		¥		
		Sub Total		231000
		Tax @ 6.8%	RECEIVE	67.46
			RECEIVE	<u>U</u>
			DEC 0 8 200) (6
		K	CC WICH	ATH
			ESTIMATED	- ///



MIDWEST SURVEYS

LOGGING • PERFORATING • CONSULTING • M.I.T. SERVICES
P.O. Box 68 • Osawatomie, KS 66064
Phone 913-755-2128 • Fax 913-755-6533

Perforation Record

Company:	Haas Pet	roleum, LLC	
Lease/Field:	East Lidik	ay Lease	
Well:	# 49-HP		
County, State:	Franklin Co	unty, Kansas	
Service Order #:	17729		
Purchase Order #:_	N/A		· <u> </u>
Date:	11/09/200	6	
Perforated @:	675.0 to	685.0	
Type of Jet, Gun or Charge:	2" DML RTG	180 Degree Phase	
Number of Jets, Guns or Charges:	Twenty One	2 (21)	
Casing Size:	2 7/8"	1:1	

RECEIVED KANSAS CORPORATION COMMISSION JAN 1 1 2007

CONSERVATION DIVISION WICHITA, KS

17729



MIDWEST SURVEYS

LOGGING . PERFORATING . M.I.T. SERVICES

P. O. Box 68 Osawatomie, KS 66064 913 / 755-2128

			Date . !!	109/06
services order,	CONDITIONS: Midwest Surveys is ered hereon or as verbally directed which I have read and understand a	under the terms and coind which I accept as C	onditions printed on the ustomer or as Customer	reverse side 's Authorized
Service and/or	Equipment Ordered Gamma .!	Pay / New from /	cel a Perf	ovate
	EGOMMENGEMENT OF WORK			to any company against the second space of the first
Customer's Na	ame Haus Petroleum.	LLC	By	ed Representative
Charge to	Haas Petroleum	· LLC	Custome Order No.	J. Haal
Mailing Addre	ss			
-	Tast Lichtey Count	Franklin	State Kansa	
QUANTITY	DESCRIPTION	F SERVICE OR MATERIA	AL -	PRICE
Ja	Gamma Rey / Neu	tran Icci		8 325-a
21 er	2" DML RTG 180° 1	hose	·	
	Two (2) Perfore from			
	Minimum Charge	Ten (10) Pe	forations	\$ 525.w
	12 lever (11) Addetio			187-as
		" 	Carlo and the same of the same	
				
		:		-
	Perforated At	325.0 10 60	45-0	
				ECEIVED PORATION COMMISSION
	·		IA	V 1 1 2007
		,	CONSE	VATION DIVISION
				ICHITA, KS
			Total	1037.00
		hereby accepted a	ped service and/or material has ind approved for payment.	cum IC
Serviced by:	5-Windesch	By	uuthorized Representative	Date (Clos lo

Customer's Authorized Representative

Canary — Accounting



LEIS OIL SERVICES

111 East Mary • Yates Center, Kansas 66783 • (620) 625-3676



Operator License #: 33640		API: 059-25178-0000	
Operator: Haas Petroleum, LLC		Lease Name: E. Lidikay	
Address: 800 W. 47 th , Suite 409		Well #: 49-HP	
Phone #: (816) 531-5922	1	Spud Date: 10.20.06 Completed: 10	.25.06
Contractor License #: 32079		Location: NWNW-SE-SE of 4.16.21	E
T.D.: 741 T.D.: of Pipe: 734	-:	1255 Ft from South	Line
Surface Pipe Size: 7" Depth: 22'	. 14.	1485 Ft from East	Line
Kind of Well (Oil, Gas, Water, Dry): Oil		County: Franklin	

LOG

5 Clay and Soil 0 5 4 Lime 541 545 13 Lime 5 18 2 Shale 545 547 9 Dark Shale 18 27 3 Lime 547 550 10 Lime 27 37 65 Shale 550 615 22 Grey Shale 37 59 14 Lime 615 629 4 Lime 59 63 15 Sandy Shale 629 644 38 Shale 63 101 2 Black Shale 624 646 24 Lime 101 125 7 Lime 646 653 68 Shale 125 193 2 Black Shale 655 658 24 Lime 193 217 3 Lime 655 658 21 Shale 217 238 4 Grey Shale 6		<u></u>			, 				
13 Lime 5 18 2 Shale 545 547 9 Dark Shale 18 27 3 Lime 547 550 10 Lime 27 37 65 Shale 550 615 22 Grey Shale 37 59 14 Lime 615 629 4 Lime 59 63 15 Sandy Shale 629 644 38 Shale 63 101 2 Black Shale 644 646 24 Lime 101 125 7 Lime 646 653 68 Shale 125 193 2 Black Shale 653 655 24 Lime 193 217 3 Lime 655 658 24 Lime 193 217 3 Lime 655 658 21 Shale 217 238 4 Grey Shale 662 </th <th>Thickness</th> <th>Strata</th> <th>From</th> <th>То</th> <th>Thickness</th> <th></th> <th>Strata</th> <th>From</th> <th>То</th>	Thickness	Strata	From	То	Thickness		Strata	From	То
9 Dark Shale 18 27 3 Lime 547 550 10 Lime 27 37 65 Shale 550 615 22 Grey Shale 37 59 14 Lime 615 629 4 Lime 59 63 15 Sandy Shale 629 644 38 Shale 63 101 2 Black Shale 644 646 24 Lime 101 125 7 Lime 646 653 68 Shale 125 193 2 Black Shale 653 655 24 Lime 193 217 3 Lime 653 655 24 Lime 193 217 3 Lime 655 658 21 Shale 217 238 4 Grey Shale 658 662 11 Lime 238 249 10 White Mucky Shale		Clay and Soil	0	5	4		Lime	541	545
10 Lime 27 37 65 Shale 550 615 22 Grey Shale 37 59 14 Lime 615 629 4 Lime 59 63 15 Sandy Shale 629 644 38 Shale 63 101 2 Black Shale 644 646 24 Lime 101 125 7 Lime 646 653 68 Shale 125 193 2 Black Shale 653 655 24 Lime 193 217 3 Lime 653 655 24 Lime 193 217 3 Lime 653 655 24 Lime 193 217 3 Lime 655 658 21 Shale 217 238 4 Grey Shale 658 662 11 Lime 238 249 10 White Mucky Shale	13	Lime	5	18	2		Shale	545	547
22 Grey Shale 37 59 14 Lime 615 629 4 Lime 59 63 15 Sandy Shale 629 644 38 Shale 63 101 2 Black Shale 644 646 24 Lime 101 125 7 Lime 646 653 68 Shale 125 193 2 Black Shale 653 655 24 Lime 193 217 3 Lime 655 658 21 Shale 217 238 4 Grey Shale 658 662 11 Lime 238 249 10 White Mucky Shale 662 672 2 Red Shale 249 251 14 Oii Sand- Core 672 686 18 Green Shale 251 269 55 Shale 686 741 3 Red Shale 272 275 2 <td></td> <td>Dark Shale</td> <td>18</td> <td>27</td> <td>3</td> <td></td> <td>Lime</td> <td>547</td> <td>550</td>		Dark Shale	18	27	3		Lime	547	550
4 Lime 59 63 15 Sandy Shale 629 644 38 Shale 63 101 2 Black Shale 644 646 24 Lime 101 125 7 Lime 646 653 68 Shale 125 193 2 Black Shale 653 655 24 Lime 193 217 3 Lime 655 658 21 Shale 217 238 4 Grey Shale 658 662 11 Lime 238 249 10 White Mucky Shale 662 672 2 Red Shale 249 251 14 Oil Sand- Core 672 686 18 Green Shale 251 269 55 Shale 686 741 3 Red Shale 269 272 275 2 2 Lime 308 333 333 347 344 344	10	Lime	27	37	65		Shale	550	615
38 Shale 63 101 2 Black Shale 644 646 24 Lime 101 125 7 Lime 646 653 68 Shale 125 193 2 Black Shale 655 655 24 Lime 193 217 3 Lime 655 658 21 Shale 217 238 4 Grey Shale 658 662 11 Lime 238 249 10 White Mucky Shale 662 672 2 Red Shale 249 251 14 Oil Sand- Core 672 686 18 Green Shale 251 269 55 Shale 686 741 3 Red Shale 269 272 275 277 275 277 331 Shale 277 308 333 347 341 441 442 443 444 444 444 444 444 <td>22</td> <td>Grey Shale</td> <td>37</td> <td>59</td> <td>14</td> <td></td> <td>Lime</td> <td>615</td> <td>629</td>	22	Grey Shale	37	59	14		Lime	615	629
24 Lime 101 125 7 Lime 646 653 68 Shale 125 193 2 Black Shale 655 655 24 Lime 193 217 3 Lime 655 658 21 Shale 217 238 4 Grey Shale 658 662 11 Lime 238 249 10 White Mucky Shale 662 672 2 Red Shale 249 251 14 Oil Sand- Core 672 686 18 Green Shale 251 269 55 Shale 686 741 3 Red Shale 269 272 3 3 3 3 4 3 3 4 4 3 4		Lime	59	63	15		Sandy Shale	629	644
68 Shale 125 193 2 Black Shale 655 655 24 Lime 193 217 3 Lime 655 658 21 Shale 217 238 4 Grey Shale 658 662 11 Lime 238 249 10 White Mucky Shale 662 672 2 Red Shale 249 251 14 Oil Sand- Core 672 686 18 Green Shale 251 269 55 Shale 686 741 3 Red Shale 269 272 275 277 31 Shale 272 275 277 31 Shale 277 308 333 347 359 341 4 Coal 333 347 349 347 359 341 341 342 343 343 343 343 343 343 343 344 344 344 344 344	38	Shale	63	101	2		Black Shale	644	646
24 Lime 193 217 3 Lime 655 658 21 Shale 217 238 4 Grey Shale 658 662 11 Lime 238 249 10 White Mucky Shale 662 672 2 Red Shale 249 251 14 Oil Sand- Core 672 686 18 Green Shale 251 269 55 Shale 686 741 3 Red Shale 269 272 3 3 Shale 686 741 3 Shale 272 275 3 3 3 4 3 4 3 4	24	Lime	101	125	7		Lime	646	653
21 Shale 217 238 4 Grey Shale 658 662 11 Lime 238 249 10 White Mucky Shale 662 672 2 Red Shale 249 251 14 Oil Sand- Core 672 686 18 Green Shale 251 269 55 Shale 686 741 3 Red Shale 269 272 3 35ale		Shale	125	193	2		Black Shale	653	655
11 Lime 238 249 10 White Mucky Shale 662 672 2 Red Shale 249 251 14 Oil Sand- Core 672 686 18 Green Shale 251 269 55 Shale 686 741 3 Red Shale 269 272 308 308 308 741 3 Shale 272 275 308 <	24	Lime	193	217	3		Lime	655	658
2 Red Shale 249 251 14 Oil Sand-Core 672 686 18 Green Shale 251 269 55 Shale 686 741 3 Red Shale 269 272 3		Shale	217	238	4		Grey Shale	658	662
2 Red Shale 249 251 14 Oil Sand-Core 672 686 18 Green Shale 251 269 55 Shale 686 741 3 Red Shale 269 272 275 277 275 277		Lime	238	249	10	W	hite Mucky Shale	662	672
3 Red Shale 269 272 3 Shale 272 275 2 Lime 275 277 31 Shale 277 308 25 Lime 308 333 14 Coal 333 347 12 Lime 347 359 6 Black Shale 359 365 16 Lime 365 381 T.D. 741 144 Big Shale 381 525 T.D. of pipe 734 2 Black Shale 525 527 T.D. of pipe 734		Red Shale	249	251	14			672	686
3 Shale 272 275 2 Lime 275 277 31 Shale 277 308 25 Lime 308 333 14 Coal 333 347 12 Lime 347 359 6 Black Shale 359 365 16 Lime 365 381 T.D. 741 144 Big Shale 381 525 T.D. of pipe 734 2 Black Shale 525 527 T.D. of pipe 734			251	269	55		Shale	686	741
2 Lime 275 277 31 Shale 277 308 25 Lime 308 333 14 Coal 333 347 12 Lime 347 359 6 Black Shale 359 365 16 Lime 365 381 T.D. 741 144 Big Shale 381 525 T.D. of pipe 734 2 Black Shale 525 527 T.D. of pipe 734		Red Shale	269	272					
31 Shale 277 308 25 Lime 308 333 14 Coal 333 347 12 Lime 347 359 6 Black Shale 359 365 16 Lime 365 381 T.D. 741 144 Big Shale 381 525 T.D. of pipe 734 2 Black Shale 525 527 T.D. of pipe 734		Shale	272	275					
25 Lime 308 333 14 Coal 333 347 12 Lime 347 359 6 Black Shale 359 365 16 Lime 365 381 T.D. 741 144 Big Shale 381 525 T.D. of pipe 734 2 Black Shale 525 527 T.D. of pipe 734	2	Lime	275	277					·
14 Coal 333 347 12 Lime 347 359 6 Black Shale 359 365 16 Lime 365 381 T.D. 741 144 Big Shale 381 525 T.D. of pipe 734 2 Black Shale 525 527 T.D. of pipe 734		Shale	277	308					
12 Lime 347 359 6 Black Shale 359 365 16 Lime 365 381 T.D. 741 144 Big Shale 381 525 T.D. of pipe 734 2 Black Shale 525 527 T.D. of pipe 734	25	Lime	308	333		7			
6 Black Shale 359 365 16 Lime 365 381 T.D. 741 144 Big Shale 381 525 T.D. of pipe 734 2 Black Shale 525 527 T.D. of pipe 734	14	Coal	333	347					
16 Lime 365 381 T.D. 741 144 Big Shale 381 525 T.D. of pipe 734 2 Black Shale 525 527 T.D. of pipe 734	12	Lime	347	359		T	·		
144 Big Shale 381 525 T.D. of pipe 734 2 Black Shale 525 527	6	Black Shale	359	365					
144 Big Shale 381 525 T.D. of pipe 734 2 Black Shale 525 527 T.D. of pipe 734	16	Lime	365	381			T.D.		741
2 Black Shale 525 527	144	Big Shale	381	525		1			
	2	Black Shale	525	527					
THE SAILUY STIALE SZI S41	14	Sandy Shale	527	541		_			

RECEIVED KANSAS CORPORATION COMMISSION

JAN 1 1 2007

CONSERVATION DIVISION WICHITA, KS



LEIS OIL SERVICES

111 East Mary • Yates Center, Kansas 66783 • (620) 625-3676



II +
API: 059-25178-0000
Lease Name: E. Lidikay
Well #: 49-HP
Spud Date: 10.20.06 Completed: 10.25.06
Location: NWNW-SE-SE of 4.16.21E
1255 Ft from South Line
1485 Ft from East Line
County: Franklin

LOG

Time	Strata	From	То	Time		Strata	From	To
2:55	Core	673	674		-			
3:20		674	675					
3:45		675	676					
3:35		676	677					
2:25		677	678		_			
3:35		678	679					
2:00		679	680			· · · · · · · · · · · · · · · · · · ·		·
1:45		680	681					
1:30		681	682					
1:35		682	683					
1:50		683	684					
1:45		684	685				 	
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RECEIVED KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION WICHITA, KS