KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33741	API No. 15 - 059- 25268-0000					
Name: Enerjex Kansas, Inc.(formerly Midwest Energy, Inc.)	County: Franklin					
Address: Commerce Plaza 1 Center, 7300 W. 110th Street, 7th Floor	NE _NW - NW - Sec. 17 Twp. 18 S. R. 21 ✓ East West					
City/State/Zip: Overland Park, KS 66210	185 feet from S /(N) (circle one) Line of Section					
Purchaser: Plains Marketing, L.P.	feet from E / (W) (circle one) Line of Section					
Operator Contact Person: Marcia Littell	Footages Calculated from Nearest Outside Section Corner:					
Phone: (913) 693-4608	(circle one) NE SE (NW) SW					
Contractor: Name: Birk Petroleum	Lease Name: Needham Well #: 31					
License: 31280	Field Name: Rantoul					
Wellsite Geologist:	Producing Formation: Squirrel					
Designate Type of Completion:	Elevation: Ground: N/A Kelly Bushing:					
New Well Re-Entry Workover	Total Depth: 740' Plug Back Total Depth: 720'					
✓ Oil SWD Temp. Abd.	Amount of Surface Pipe Set and Cemented at 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 720					
Operator:	feet depth to surface w/ 111 sx cmt					
Well Name:	A1+2-Da-12609					
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 Back Plug Back Total Depth	Chloride content ppm Fluid volume bbls					
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.:					
11/27/07	Quarter Sec TwpS. R 🔲 East 🗌 West					
Recompletion Date Recompletion Date	County: Docket No.:					
Kansas 67202, within 120 days of the spud date, recompletion, worko Information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-132 and geologist well report shall be attached with this form. ALL CEMENTING Is. Submit CP-111 form with all temporarily abandoned wells.					
All requirements of the statutes, rules and regulations promulgated to regulate are complete and correct to the best of my knowledge. $0 \sim 0$	ulate the oil and gas industry have been fully complied with and the statements					
Signature: Ylarcia Littell	KCC Office Use ONLY					
Title: Compliance Coordinator Date: 01/17/08	Letter of Confidentiality Received					
	If Denied, Yes Date:					
Subscribed and sworn to before me this 17th day of JANUAR	Wireline Log Received					
2008.						
Notary Public: Thameen Clan	Geologist Report Beceived RECEIVED KANSAS CORPORATION COMMISSIO					
Date Commission Expires: 9/18/2010	Maureer Effor Notary Public state of Kansas JAN 2 3 2008 My Appt Expires 4/18/50/0					
1	CONSERVATION DIVISION WICHITA, KS					

Side Two

	erjex Kansas, Inc.(forr	merly Midwest Energy, I		Name: Need	lham		Well #: 31		
NSTRUCTIONS: S ested, time tool ope emperature, fluid re	how important tops a in and closed, flowing covery, and flow rate:	✓ East	penetrated. , whether shalong with f	Detail all core	reached st	tatic level, hydro	ostatic pressure	s, bottom hole	
rill Stem Tests Take		Yes No		Log	Formation	n (Top), Depth a	and Datum	Sample	
amples Sent to Ge	ological Survey	☐ Yes 🗸 No		Name			Тор	Datum	
ores Taken	,								
lectric Log Run (Submit Copy)		✓ Yes No							
ist All E. Logs Run:		•							
		tial Temperature, on/Hi-Resolution D		✓ New	Used				
		Report all strings set			_	on, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	9 7/8"	7"	23.0#		21'	Portland	8	· · · · · · · · · · · · · · · · · · ·	
Production	6"	2 7/8"	5.8#		720'	O.W.C.	111		
		ADDITIONA	L CEMENTI	NG / SQUEEZ	E RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cement	#Sacks	Used	Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone					, g, , a, a, a, a, a, a				
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
4 SPF	687-695'	-				Spot 75 gal. 15% HCL 687-6			
			. 4444			131 bbls. city H2O w KCL, 3sks 20/40, 3sks 12/20			
TUBING RECORD	Size	Set At	Packer /	At Lin	er Run	Yes No	0		
Date of First, Resume	rd Production, SWD or E	Enhr. Producing Mo	ethod	Flowing	Pumpin	g 🔲 Gas L	ift Othe	ιτ (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Water	Bb	ıls.	Gas-Oil Ratio	Gravity	
Disease(4) = = -4.0==	METHOD OF (COMPLETION		Pro	duction Interv	al			
Disposition of Gas								RECEIVED	

CONSERVATION DIVISION WICHITA, KS

B & B COOPERATIVE VENTURES 900 South 4th **Burlington, Ks 66839** 620-364-1311

6203642745

DATE: 11/27-11/30/07	Lease: NEEDHAM				
Operator: Midwest Energy	Well: #31				
7300 W. 110 th St, 7 th Floor	API: 15-059-25268-0000				
Overland Park, Ks 66210	Description: 17-18-21				
Spud: 11/27/07 T.D.: 11/30/07	County: Franklin				

Formations	From	To	Formations	From	То
Top Soil/Clay	0	4	Shale	309	314
Clay	4	6	Lime	314	326
Lime	6	21	Shale	326	486
Shale	21	24	Lime	486	500
Lime	24	25	Shale	500	547
Shale	25	29	Lime	547	550
Lime	29	48	Shale	550	568
Shale	48	141	Lime	568	572
Lime	141	158	Shale	572	619
Shale	158	180	Oil sand	619	635
Lime	180	184	Core 619-635'		
Shale	184	225	Shale	636	685
Lime	225	242	Oil Sand	685	693
Shale	242	256	Shale	693	740
Lime	256	265	T.D.	740	
Shale	265	267			
Lime	267	280			
Shale	280	287			
Lime	287	294	·		
Shale	294	299			
Lime	299	309			

Cement: 8 sx - Portland Surface bit: 97/8" Length: 21' Size: 7" Return to Surface Drill bit: 6" T.D.: 740' Pipe set: 720'

> RECEIVED KANSAS CORPORATION COMMISSION

> > JAN 23 2008

CONSOLIDATED OIL WELL SERVICES, INC. P.O. BOX 884, CHANUTE, KS 66720

15910 TICKET NUMBER____ LOCATION DHAMER KS FOREMAN Fred Mader

DATE CUSTOMER WELL NAME & NUMBER SECTION TOWNSHIP RANGE COUNTY # 300 5460 Need ham \$ 3/ 17 18 21 FR DISTOMER DISTOMER TRUCK # DRIVER TRUCK # DRIVER TRUCK # DRIV	520-431-9210 C	JK 8UV-467-80	TRE	ATMENT	REPORT 8		KET		
ACCOUNT CODE AC			VAICT!	NIANAE O NILIN	CEMENT		TOWNSHIP	RANGE	COUNTY
MISTOMER MORK MISTOMER MORK MISTOMER MORK MISTOMER MORK MISTOMER MORK MISTOMER MORK MORK MISTOMER MORK MORK MISTOMER MORK		4						21	FR
MILLING ADDRESS MALING ADDRESS TRUCK# DRIVER INJURY TRUCK# DRIVER INJURY TRUCK# DRIVER INJURY STATE ZIP CODE STATE STATE STATE SIP CODE D'AY LONG PAY K KS 66210 D'EN LONG PAY K HOLE SIZE 6" HOLE DEPTH 740" CASING SIZE & WEIGHT 28 EVE ASING DEPTH 7360" DRILL PIPE TUBING SURRY WEIGHT SLURRY VOL WATER gail'SK CEMENT LEFT IN CASING 28 Plug SURRY WEIGHT SLURRY VOL WATER gail'SK CEMENT LEFT IN CASING 28 Plug SURRY WEIGHT SLURRY VOL WATER gail'SK CEMENT LEFT IN CASING 28 Plug SURRY WEIGHT HOLE SIZE 6" HOLE DEPTH 740" CASING 28 Plug MIX PSI RATE 4 B/M ARTE		3460	Nerdh	am	3/				
THE NAME OF THE STATE ST	m: J.	act Ener	ay Inc			TRUCK #	 	TRUCK#	DRIVER
STATE STATE SPOODE DVer land Park ICS 66210 DVer land Park ICS 66210 DVER Langstride HOLE SIZE 6 HOLE DEPTH 740' CASING SIZE & WEIGHT 24 EVE LASING DEPTH 7260 DISPLACEMENT PSI TUBING OTHER SLURRY WEIGHT SLURRY VOL WATER gallsk CEMENT LEFT IN CASING 24 Plug SURRY WEIGHT SLURRY VOL WATER gallsk CEMENT LEFT IN CASING 24 Plug REMARKS: Chicle Casing depth w/ wive line. Mixt Pump 10 BBCS ESA-41 (soop) Flush to clean hale. Mix Pump 111 sks DWC Comunt. Comunt to Surface Flush pump 111 sks Claan. Displace 25" Rubber Plug to casing To w/ 42BBC Fresh water Pressure to 2000 PS1. Shat in Casing ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL STOL 1 PUMP CHARGE Annut Pump 495 STOL 20 mi MILEAGE Pump Truck 495 STOL 2550 LIZE 111 Sks Owc Comunt LISE N/A - Premium Ael LICA 2600 LICE 112 SCALL CASING AU LICE 2600 LICE 2	MAILING ADDRES	S	7			-506	Fred		
DYEN and Park ICS 66210 DYEN and Park ICS 66210 DOBTYPE LONG STRIPE HOLE SIZE 6" HOLE DEPTH 740' CASING SIZE & WEIGHT 27 EVE DOBTYPE LONG STRIPE HOLE SIZE 6" HOLE DEPTH 740' CASING SIZE & WEIGHT 27 EVE SALIRRY WEIGHT DRILL PIPE TUBING OTHER SILIRRY WOL WATER gailsk CEMENT LEFT IN CASING 2½ Plug SISPLACEMENT 4.2 BBL DISPLACEMENT PSI MIX PSI RATE 4 B/M REMARKS: Chick Casing depth w/ wireline. Mixt Pump 10 BBLS ESA-41 (Soap) Flush to Clean hale. Mix Pump 111 SKS DUC Comunt. Communt to Suntace. Flush pump 1 Mass Clean. Displace 2½" Rubber Plug to casing TO W/ 12 BBC Fresh water Pressure to 700 PSI. Shat in Casing ACCOUNT CODE ACCOUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL STOC 1 PUMP CHARGE Pump Truck 495 CG2 STOC 12 PUMP CHARGE Pump Truck 495 CG2 STOC 1/2 Transport Sas/706 /505 1/26 /113k3 OWC Comunt 1/20 20 1/26 /113k3 OWC Comunt 2/20 1/26 /113k3 OWC Comunt 2/20 1/27 Rubber Plug 20 3545	7300	·W 11	oth st		_	495	Casen		
DVEN JOHNS FORM BOTHE LOWESTING HOLE SIZE 6" HOLE DEPTH 740" CASING SIZE & WEIGHT 21 EVE LASING DEPTH 726" DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY VOL WATER gallsk CEMENT LEFT in CASING 21/2 Plug SEDENCE MENT 4.2 BBL DISPLACEMENT PSI MIX PSI RATE 4 BPM REMARKS: PLUCK COS THE GEORGY W/ WITE LITTLE. MIX + PUMP 1/1 SKS FSA41 (SOOD) Flush to Clean hale. Mix + PUMP 1/1 SKS DWC Commit. Commit to Surface. Flush pump 1/1 SKS Clean. DISPLACE 21/2" Rubber Plug to Casing TO W/ 4.2 BBL Fresh weter Pressure to 700 PS/. Shat M (asing ACCOUNT CODE ACCOUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SYO! , PUMP CHARGE COMMIT PUMP 495 84000 SYO DOM: MILEAGE PUMP Truck 495 CCC. SYO DOM: MILEAGE PUMP Truck 495 CCC. SYO MILEAGE PUMP Truck 495 CCC. SYO MILEAGE PUMP Truck 495 /50000 JIBB N/A - Premium Asl JIBB N/A - Premium Asl JIBB N/A - Premium Asl JICAL 20000 BS 4.50000 JUCC 20000 J	CITY		STATE			505/nd	Mark		
HOLE SIZE 6 HOLE DEPTH 740 CASING SIZE WHELE STATE AND DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY VOL WATER GAILS RATE 48/M	Drev Jan	d Park	1CS			226	Gary	274	
DRILL PIPE TUBING OTHER SLURRY WEIGHT SLURRY VOL WATER gallsk CEMENT LEFT IN CASING 2/2 Plug SURRY WEIGHT SLURRY VOL MIX PSI RATE 4 B/M REMARKS: Chick Casing depth w/ wiveline. Mix + Pump 111 sks FSA41 (soop) Flush to clean hale. Mix + Pump 111 sks BWC Coment. Comment to Surface. Flush pump 4 lines Clean. Displace 2/2" Rubber Plug to casing TO w/ 42BBC Fresh water Pressure to 700 PSI. Shat in Casing ACCOUNT QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SYOI PUMP CHARGE Comment Pump 495 840° SYO Do mi MILEAGE Pump Truck 495 CCC SYO7 Minimum Tom Mileage SSOIC 1/2 Transport Sos/706 1/50° 1126 111 sks Owe Comment Pump 400 1/50° 1126 111 sks Owe Comment Pump 400 1/50° 1126 1/1 sks Owe Comment Pump 400 1/50° 1127 1/1 sks Owe Comment Pump 400 1/50° 1127 1/1 sks Owe Comment Pump 400 1/50° 1128 1/1 sks			HOLE SIZE	6"	HOLE DEPTH_	740'	CASING SIZE & WE	EIGHT	.VE
ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL STOLE ACCOUNT OUR PUMP CHARGE CHARMY PUMP 195 STOLE ACCOUNT OUR MILEAGE PUMP Truck 495 STOLE STOLE ACCOUNT MILEAGE PUMP Truck 495 STOLE		m	DRILL PIPE						01
REMARKS: Chick costing depth of wiveline. Mixt fump 111 skr ESA-41 (soap) Flush to clean hale. Mix fump 111 skr DWC Comunt. Comunt to surface. Flush pump times Clean. Displace 2/2" Rubber Plug to casing TO of 4.288c Fresh water. Pressure to 700 PSI. Shot in casing Account code quantity or units description of services or product unit price total Stol 1 pump charge amount fump 495 Stol 20 mi Mileage Pump Truck 495 Stol 1/2 Transport Sostro 1/5005 1/26 /11 sks Owc Comunt / 1/505 1/27 /11 sks Owc Comunt / 1/505 1/28 /11 sks Owc Comunt / 1/505 1/29 /11 sks Owc Comunt / 1/505 1/20 /11 sks Owc Comunt / 1/505 1/2									riug
ESA-41 (Soop) Flush to clean hole. Mix fump 111 525 DWC Comunt. Comment to Surface. Flush pump + imas Clean. Displace 2/2" Rubber Plug to casing TO w/ 42BBC Fresh water Pressure to 700° PSI. Shat in Casing B+B Well Service ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SYO! Jump Charge Comment Pump 495 SYO'S SYO'	DISPLACEMENT_	4.2 BBL	DISPLACEMENT	PSI	_ MIX PSI		RATE 4871	71	
ESA-41 (Soop) Flush to clean hole. Mix fump 111 525 DWC Comunt. Comment to Surface. Flush pump + imas Clean. Displace 2/2" Rubber Plug to casing TO w/ 42BBC Fresh water Pressure to 700° PSI. Shat in Casing B+B Well Service ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SYO! Jump Charge Comment Pump 495 SYO'S SYO'	REMARKS:	heck cas	ma des	the w/	wireline	. Mix+	Pump 📂		
Clean. Displace 2/2" Rubber Plus to casing TO ul 4.2BBL Fresh water Pressure to 700 PSI. Shat in Casing Lead Made B+B Well Service ACCOUNT QUANTITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL SYOI PUMP CHARGE Consult Pump 495 84000 5401 Jomin MILEAGE Pump Truck 495 C600 5407 Minimum Ton Mileage 2850 55012 1/2 Transport Sas/706 15000 1126 111 sks Owe Comment 11163 N/A - Premium Ael N/C 1402 126 Rubber Plus 2000 15402 1650 Rubber Plus 35400 155044 1650 Rubber Plus 35400			and Flu	sh to	clean	10/e, - N	11x + Pum		
Clean. Displace 2/2" Rubber Plus to casine To uf 92BBE Fresh weter Pressure to 700° PSI. Shot in Casing B+B Well Service ACCOUNT QUANTITY or UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SYOI PUMP CHARGE Print Pump 495 840° 540° 150° 150° 150° 150° 150° 150° 150° 15	Du	C Carre	· *	Come	x to s	orface.	Flushp	1 + gmu	300
Fresh water Pressure to 700 PSI. Shot in Casing B+B Well Service ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SYOI 5401 1 PUMP CHARGE Amount Pump 495 5407 MILEAGE Pump Truck 495 5407 Minimum Ton Mileage 5501C 1/2 Transport Sas/706 1/209 1/209 1/200 1/	Cla	an. Di	soloce	2/2"	2ubber 1	Plus to	casing T	O(ii)	LABBL
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Stole 1 PUMP CHARGE Pump 495 840 = 540 540 100	BtB	well S.	ervice		<u></u>				·
5401 JOM: MILEAGE PUMP Truck 495 5407 Minimum Ton Mileage 5501C 1/2 1/26 1/13k3 OWC Cement 1/16B N/A - Premium Gel 4402 1/202 1/		QUANTIT	f or UNITS		DESCRIPTION of	SERVICES or PF	ODUCT	UNIT PRICE	TOTAL
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5707 Minimum Ton Mileage 5501C 1/2 Transport 505/706 15005 1126 111sks Owe Commt 1709 4 11188 N/A - Premium Ael N/C 4402 1 2/2 Rubber Plus 15545			722 111			Truck			669
5501C 1/2 Transport 505/706 150°5 1126 1113k3 OWC Cement 1709 4 11168 N/A - Premium ael N/C 4402 1 212 Rubber Plus 150°5 35°46		<u> </u>	Jo M.	IVIICEAGE					28500
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100 ECA-41 (sand) 35-		· · · · · · · · · · · · · · · · · · ·	1	26	Rubbe	y Plus		<u> </u>	0.0
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								M L'A	

Bob Ficher AUTHORIZATION_

-- CONSERVATION DIVISH ESTIMATED