KANSAS CORPORATION COMMISSION GIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1 September 1999

September 1999
Form Must Be Typed

Rec'd from UIC 6n U(13/09.

Operator: License # 3895	API No. 15 - 15-107-24074-00-00
Name: Bobcat Oilfield Service, Inc.	County: Linn
Address: 30805 Cold Water Rd.	N2 - NW - NE Sec. 8 Twp. 20 S. R. 23 V East West
City/State/Zip: Louisburg, KS. 66053	5/25 5/88 feet from 5) N (circle one) Line of Section
Purchaser: Pacer Energy	1980 feet from Ey W (circle one) Line of Section
Operator Contact Person: Bob Eberhart	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) _837-2823	(circle one) NE (SE), NW SW
Contractor: Name: Dale Jackson Production Co.	Lease Name: Snyder Well #: P-13
License: 4339	Field Name: LaCygne-Cadmus
Wellsite Geologist:	Producing Formation: Peru
Designate Type of Completion:	Elevation: Ground: 919 Kelly Bushing: NA
New Well Re-Entry Workover	Total Depth: 341' Plug Back Total Depth: 6'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 20.6" Feet
Gas ENHR SIGW	
Dry Other (Core, WSW, Expl., Cathodic, etc)	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 20.6
Operator:	feet depth to surface w/ 5 sx cmt.
Well Name:	SX CITI.
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AH II NOR 12-18-09
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)
Plug Back Plug Back Total Depth	Chloride content 1500-3000 ppm Fluid volume 80 bbls
Commingled Docket No.	Dewatering method used on lease
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
	Lease Name: License No.:
6/15/09 6/17/09 10/1/09 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, work information of side two of this form will be held confidential for a period of the state of the state of the spud date, recompletion, work information of side two of this form will be held confidential for a period of the state of the st	with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, cover 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-pgs and geologist well report shall be attached with this form. ALL CEMENTING sells. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to reg	gulate the oil and gas industry have been fully complied with and the statements
nerein are complete and correct to the bast of my knowledge.	(10 N
Signature: Son Luskell	KCC Office Use ONLY (TO SAGE)
_	1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1
Title: Agent Date: 1-6.09	Letter of Confidentiality Received 2/1909
Subscribed and sworn to before me this <u>6 13</u> day of <u>//erem b</u>	If Denied, Yes Date:
20 09	Wireline Log Received RECEIVED
	Geologist Report Received Composation Commission
	UIC Distribution
Date Commission Expires: 5-8-20/2 NOTATY	NOV 0 9 20 09
My Appt. Exp.	CONSERVATION DIVISION WICHITA, KS

Side Two

Operator Name: Bobcat Oilfield Service, Inc.					Lease Name: Snyder Well #: F				3	
Sec8 Twp2	²⁰ S. R. ²³	✓ Eas	t 🗌 West		nty: Linn	**				
INSTRUCTIONS: S tested, time tool ope temperature, fluid re Electric Wireline Log	in and closed, flowing covery, and flow rate	g and shut s if gas to	i-in pressures, surface test, a	whether long with	shut-in pro	essure reached	static level, hydro	ostatic pressur	ests giving interval es, bottom hole ed. Attach copy of all	
Drill Stem Tests Take		Y	es √ No		ZL	og Formati	on (Top), Depth a	and Datum	Sample	
Samples Sent to Ge	ological Survey	□ Y	es 🗹 No		Nam	е		Тор	Datum	
Cores Taken Electric Log Run		✓ Y	_							
(Submit Copy)		<u>.</u> .								
List All E. Logs Run:										
GammaRay/N	Neutron/CCL									
		Repo	CASING		_	ew Used ermediate, product	tion, etc.			
Purpose of String	Size Hole Drilled	Siz	re Casing t (In O.D.)	W	/eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	9	8 3/4"				20.6	Portland	5	ridanivos	
Completion	5 5/8"	2 7/8"	2 7/8"			335'	Portland	50	50/50 POZ	
Purpose:	Dooth			CEMEN	TING / SQI	JEEZE RECORD)			
Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sac	ks Used		Type and F	Percent Additives	3	
Shots Per Foot	0 1		RD - Bridge Plug Each Interval Per		ре		cture, Shot, Cemen		rd Depth	
2	286.0-296.0 41 F	erfs	7911			Acid Fracture 286.0-296.0				
						-11.00		F	IEGEIVED	
								KANSAS CORI	PORATION COMMISSION	
								NOV	0 9 2009	
TUBING RECORD	Size	Set At		Packer	r At	Liner Run	Yes No	VA/	VATION DIVISION ICHITA, KS	
Date of First, Resumer	d Production, SWD or E	inhr.	Producing Meth	hod	Flowin	g Pumpir	ng 🔲 Gas Lii	ft 🔲 Oth	er <i>(Explain)</i>	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls. C	Bas-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF C	OMPLETIC	DN .		<u> </u>	Production Inter	val			
Vented Sold	Used on Lease ubmit ACO-18.)		Open Hole Other (Speci	P∈	erf. 🔲 [Dually Comp.	Commingled _			

Lease:	SNYDER				Well #: M-13 -
Owner:	BOBCAT OILFI	ELD SERVICES, INC.	⊒		Location: N2-NW-NE, S:8, T:20,
OPR#:	3895	A CONTRACTOR	Dale Jackson	Production Co.	S.R.:23, E
			_	nd City, Ks 66056	County: LINN
OPR#: 4339		i		FSL: 5125	
		41	0-363-2683	FEL: 1980	
Surface: 20FT, 6IN	Cemented: 5 SACKS	Hule Size:	Office # 9	13-795-2991	API#: 15-107-24074-00-00
Longstring: Cemented: Hole Size:		~		Started: 6-15-09	
335 2 7/8	50 SACKS	5 5/8			Completed: 6-17-09
		***************************************	SN:	Packer:	TD: 341

SN: NONE
Plugged: Bottom Plug:

		wen rog	riuggeu.		"	loctom Plug:
TKN	BTM Depth	Formation		TKN	8TM Depth	Formation
1	1	TOP SOIL				
2	3	RED CLAY				
24	27	LIME				
5	32	SHALE				
2	34	BLACK SHALE			 	
2	36	SHALE			•	
20	56	TIME				
4	60	SHALE				
1	61	BLACK SHALE				
3	64	LIME				
5	69	SHALE				
5	74	UME				
1	75	BLACK SHALE .				
41	116	SHALE				
111	127	SAND (DRY)		-		
7	134	SANDY SHALE				
94	228	SHALE		$\neg \neg$		
1	229 ·	COAL				
4	233	SHALE				
5	238	LIME				i
27	265	SHALE				
7	272	UME				
1	273	OIL SAND (SHALEY) (POOR BLEED) (WAT	ER)	一		KANISAS CORDOS
2	275	OIL SAND (POOR BLEED) (WATER)				KANSAS CORPORATION COMMISSION
2	277	OIL SAND (FAIR BLEED) (WATER)				
2	279	OIL SAND (SHALEY) (FAIR BLEED) (WATE	R)			NOV 0 9 2009
2	281	OIL SAND (SHALEY) (GOOD BLEED) (WAT (FLOW)	ER)			
19.5	300.5	OIL SAND (SEE CORE)				CONSERVATION DIVISION WICHITA, KS
4.5	305	SHALE (OIL STREAKS)				, NS
16	321	SHALE				
2	323	COAL				
7	330	SHALE				
8	338	LIME				
TD	341	SHALE				
				一十		
						
I						
				\dashv		
				$\neg +$		
				\dashv		
				_		
						

Lease:

Owner:

OPR #: Contractor:

OPR#:

SNYDER

4339

BOBCAT OILFIELD SERVICES, INC.

DALE JACKSON PRODUCTION CO.



Dale Jackson Production Co.

Box 266, Mound City, Ks 66056 (

Cell # 620-363-2683

Office # 913-795-2991

Co	re	
Run	<u>#</u>	1



Well #:M-13	
Location: N2-NW-NE, S:8, T:20, S.R.:23,	E
County: LINN	_
FSL: 5125	_
FEL: 1980	_
API#: 15-107-24074-00-00	
Started: 6-15-09	_
	

	10		T	Completed: 6-17-09					
FT	Depth	Clock	Time	Formation/Remarks	Depth				
	281	ļ			-				
	282 283		4.5	 	i				
	284		4	-					
 -	285		3						
	203		4.5	Oil SAND (POOR BLEED)	284.2				
	286		 	CUME	284.4				
	287		5						
					l l				
	ļ			OIL SAND (FAIR BLEED)	287				
	288 289		3						
	203		*	Oil SAND (SHALEY) (FAIR BLEED)	!				
		_			288.6				
	290		4.5	LIME \$					
				LIME					
					289.6				
	291	•	3						
	292		2						
	1			OIL SAND (POOR BLEED) (WATER)	291.8				
	293		2.5		121.0				
	294		3.5		ŀ				
	295		3]				
	296			OIL SAND (SHALEY) (FAIR BLEED)	294.7				
•	296		2.5	OIL SAND (FAIR BLEED)	295.7				
	297		7.5						
			<i>'</i>	SHALE (OIL STREAKS)					
					297.2				
	299		7.5						
	300		S	OIL SAND (SHALEY) (FAIR BLEED)	1				
				OLESAND (SHALET) (PAIR BLEED)					
					299.5				
	301		7.5		ļ .				
				SHALE (OIL STREAKS)] }				
					300.5				
				RECEIVED KANSAS CORPORATION COMMISSION					
				NOV 0 0 0000] ;				
				NOV 0 9 2009					
			——	CONSERVATION DIVISION					
				WICHITA, KS					
		<u></u> L							

Avery Lumber

MOUND CITY, KS 66056 {913} 795-2210 FAX {913} 795-2194

Customer Copy INVOICE

PLEASE REFER TO INVOICE NUMBER ON ALL CORRESPONDENCE

Page: 1		Invoice: 10010	653
Special :			18:47
Instructions :		Ship Date: 08/	01/09
;		Invoice Date: 08/	02/09
Sais rep #: MAVERY MIKE	Acct re	p code: Due Date: 07/	05/09
Sold To: BOBCAT OILFIELD SRVC,INC	Ship To: BO	BCAT OILFIELD SRVC,INC	
C/O BOB EBERHART 30805 COLDWATER RD	(913) 837-2823	913 837 4159	,
LOUISBURG, KS 65053	(913) 837-2823	4,31	
Oustomer #: 3570021	Customer PO:	Order By:TERRY	

popling@1 ORDER SHIP L U/M ITEM# DESCRIPTION PRICE **EXTENSION** Alt Price/Uom 280.00 280.00 BAG CPPC **PORTLAND CEMENT** 7.9900 BAG 7.9900 2237.20 240.00 240.00 BAG CPPM POST SET FLY ASH 75# 5,1900 1245.60 5.1900 BAG 14.00 14.00 EA CPQP QUIKRETE PALLETS 17,0000 238.00 17.0000 EA RECEIVED KANSAS CORPORATION COMMISSION NOV 0 9 20b9 OKRE. Deilling CONSERVATION DIVISION WICHITA, KS FILLED BY CHECKED BY DATE SHIPPED DRIVER \$3720.80 Sales total SHIP VIA LINN COUNTY RECEIVED COMPLETE AND IN GOOD CONDITION 3720.80 Taxable Non-taxable 0.00 Sales tax 197.20 X Tax #

2 - Customer Copy

TOTAL \$3918.00





MIDWEST SURVEYS

LOGGING - PERFORATING - CONSULTING SERVICES P.O. Box 68, Osawatomie, KS 66064 913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No	. (Company					ervice	s, Ind	С.		
	1	Well	Sny	der	No.	Ρ.	-13				
74		Field	LaCygne - Cadmus								
24.0		County	Linn				State	Ka	nsas		
27-	-	Location							0	ther Services	
API # 15-107-24,074				8' FSL N/2-N/2						Perforate	
#		0					_{e.} 23e			Elevation	
A		Sec. 8 Twp 20s Rge 23e Elevation NA Permanent Datum GL Elevation NA Log Measured From GL Drilling Measured From GL).F. NA		
 Date				29-2009							
Run Numbe	 er		One								
Depth Drille			341.0					CEIVED			
Depth Logg			334.0				KANSAS CORPO	DRATION CO	MMISSIO	N	
Bottom Log		val	332.0				MOV	0 9 20	10		
Top Log Int	terval		20.0				NUV	0 3 20	<u> </u>		
Fluid Level				Full CONSERVATION				ATION D	IVISION		
Type Fluid			Water			WICHITA, KS					
Density / V			ļ	NA NA							
Salinity - P				NA NA							
Max Recor			 	0.0							
Estimated			107	Osawat	omie						
Equipment	1 1 1	cation		ve Windis							
Recorded				b Eberha							
Witnessed	ВУ	BORE-HOLE F					CAS	ING RE	CORD		
RUN	BIT	FROM	<u> </u>	TO	SIZ	Έ	WGT.	FRO	M	TO	
No.	8.75"	0.0	_	20.0	6.0	0"		0.		20.0	
One	5.625"	20.0		341.0	2.8	75"	HY-Drill	0.	0	335.0	
Two	5.025	+									
		 			1		ļ — — !				



MIDWEST SURVEYS

LOGGING - PERFORATING - CONSULTING SERVICES P.O. Box 68, Osawatomie, KS 66064 913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL											
	API # 15-107-24,074 o	Company Well Field County Location	Sr La Lir	Bobcat Oilfield Services, Inc. Snyder No. 14.13 P-13 LaCygne - Cadmus Linn State Kansas 5125' FSL & 1980' FEL N/2-N/2-NW-NE Twp. 20s Rge 23e Elevation							
		Permanent Da Log Measured	Permanent Datum GL Elevation NA Log Measured From GL Drilling Measured From GL								
Date				6-29-2009)					<u> </u>	
Run Nun			One								
Depth Di				341.0				OH			
Depth Lo			334.0				WESAS CO				
	ogged Inte	rval	332.0				WESTS				
Top Log			20.0								
Fluid Lev			Full					SION			
Type Flu			Water				CONSERVATION DIVISION CONSERVATION KS				
	Viscosity			NA NA				MICE			
Salinity -	orded Tem			NA NA					<u> </u>		
	d Cement 1	<u> </u>		NA NA							
Equipmen		cation	107	0.0 Osawat	omi-	<u></u>			- -		
Recorded		Cation		ve Windis							
Witnesse									-		
RUN		BORE-HOLE RE	Bob Eberhart				CASING RECORD				
No.	BIT	FROM		TO	SIZ	 F	WGT.		OM	TO 20.0 335.0	
One	8.75"	0.0	 	20.0	6.00		•••	VVGI. FR		20.0	
Two	5.625"	20.0	ļ	341.0	2.87		HY-Drill		.0	335.0	
			 				J			300.0	
	l		 		 						