ORIGINAL

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1 September 1999 Form Must Be Typed

Reid from UC on U(13/09.

Operator: License # 3895	API No. 15 - 15-107-24078-00-00
Name: Bobcat Oilfield Service, Inc.	County: Linn
Address: 30805 Cold Water Rd.	NW NE NE Sec. 8 Twp. 20 S. R. 23  East West
City/State/Zip: Louisburg, KS. 66053	5/25 5-2/2 feet from S)/ N (circle one) Line of Section
Purchaser: Pacer Energy	1665 1689 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 #: Q-13
License: 4339	Field Name: LaCygne-Cadmus
Wellsite Geologist:	Producing Formation: Peru
Designate Type of Completion:	Elevation: Ground: 927' Kelly Bushing: NA
New Well Re-Entry Workover	Total Depth: 341' Plug Back Total Depth: 4'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 20.6" 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 20.6
Operator:	feet depth to surface w/ 5 sx cmt.
Well Name:	Dallia Field Manager
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AI+ IL NUK 12-18-09 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 1500-3000 ppm Fluid volume 80 bbls
Plug Back Plug Back Total Depth	Dewatering method used_on lease
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	·
Other (SWD or Enhr.?) Docket No	Operator Name:
6/11/09 6/15/09 10/1/09	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec Twp S. R East West
Noonpolen Sale	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover 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 a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	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
All requirements of the statutes, rules and regulations promulgated to regu	KCC Office Use ONLY Assign
Title: Agent Date: 1-U-04	Letter of Confidentiality Received 4/14/09
Subscribed and sworn to before me this 6 day of //oven be	If Denied, Yes Date:
20.09	Wireline Log Received RECEIVED KANSAS CORPORATION COMMISSION
Notary Public: A LANE TOW	UIC Distribution
Date Commission Expires: 5-8-20/2 STATE OF KAN	INOV V 9 Z009

#### Side Two

perator Name: Bobcat	Cliffeld Service,	inc.		Leas	e Name: -	snyaer		Well #: _ <del>Q-1</del>	3	<del>-</del>
ec8 Twp20			West		ty: Linn					,
STRUCTIONS: Show sted, time tool open a mperature, fluid recov ectric Wireline Logs s	nd closed, flowing ery, and flow rate:	and shut if gas to	-in pressures, v surface test, al	whether song with	shut-in pre	ssure reached	static level, hydi	ostatic pressur	res, bottom	hole
rill Stem Tests Taken (Attach Additional Sho	eets)	Y	es <b>√</b> No		<b>V</b> L	og Forma	tion (Top), Depth	and Datum	□s	ample
amples Sent to Geolog	gical Survey	□ Y	es 🗹 No		Nam	е		Тор	D	atum
ores Taken ectric Log Run <i>(Submit Copy)</i>		<b>∠</b> Y								
st All E. Logs Run:										
GammaRay/Ne	utron/CCL									
		Pone	CASING F		✓ Ne	<del></del>	-4:4-			
Purpose of String	Size Hole Drilled	Siz	e Casing	We	eight	Setting	Type of	# Sacks		nd Percent
Surface	9	8 3/4"	(In O.D.)	LOS	. / Ft.	20.6	Portland	Used 5	Ad	ditives
Completion	5 5/8"	2 7/8"				337'	Portland	50	50/50 P	DZ .
			ADDITIONAL	CEMENT	ING / SQL	JEEZE RECOR	D			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sack	s Used		Type and	Percent Additives	S	
Shots Per Foot	PERFORATI	ON RECOF	D - Bridge Plugs	s Set/Type	9		acture, Shot, Ceme Amount and Kind of N		rd	Depth
29	90.0-300.0 41 P	erfs				Acid Fracture	e 290.0-300.0			
					-11-20				REC	EIVED
			<u> </u>					KAN	SAS CORPOR	IATION COMM
TUBING RECORD	Size	Set At		Packer	At	Liner Run	Yes N	0	NOA (	<b>9</b> 2009
Date of First, Resumerd P	roduction, SWD or E	nhr.	Producing Meth	nod	Flowin	g Pump	oing Gas L	.ift 🔲 Oth	ONSERVA	TION DIVIS
Estimated Production Per 24 Hours	Oil	Bbis.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF C	OMPLETIC	ON			Production Inte	erval			
Vented Sold Sold (If vented, Subm	Used on Lease		Open Hole Other (Specif	Pe	rf. 🔲 (	Dually Comp.	Commingled	····		

Jui	n 19 09 12:4	13p Dale	Jackson Pro Co.			913 795 29	991 ८२।%	p.5
1	Lease :	SNYDER		1			Well #: 0-13	
,	Owner:	BOBCAT OILFIE	LD SERVICES-INC:	1		*	Location: N2-NV	/-NE, S:8, T:20,
	OPR#:	3895	A 30 00 00	Dale Jackson i	Production Co.		S.R.:23, E	
	Contractor:	DALE JACKSON	PRODUCTION CO.	Box 266, Moun		•	County: LINN	
	OPR#:	4339		Cell # 620	**		FSL: 5125	
							FEL: 1685	
	Surface: 20FT, 6IN	Cemented: 5 SACKS	Hele 35-1	Office # 91	3-795-2991		API#: 15-107-240	78-00-00
	Longstring:	Cemented:	Hole Size:	-			Started: 6-11-09	
	337 2 7/8	50 SACKS	2 7/8				Completed: 6-15	-09
				SN: NONE	Packer:		TD: 341	
		Well L	Ωg	Plugged:	Bottom Plug:		•	

		\A/=!! /	Plugged:		_	ottom Plug:	·
	Well Log		· saffen.			ottom <b>riug</b> ;	
TKN	BTM Depth	Formation		TION	BTM Depth	Formation	
2	2	TOP SOIL		1		<del>                                     </del>	
3	5	CLAY	***	†.		<del>                                     </del>	
23	28	LIME		†			
4	32	SHALE	****	+	<del> </del>		
3	25	BLACK SHALE		<del> </del>	<u> </u>		
20	55	UME		<del> </del>			- · · · · · · · · · · · · · · · · · · ·
6	61	SHALE		<del>1</del>			
1	62	BLACK SHALE	<del></del>	<del> </del>			
3	65	LIME		<b>!</b>			
5	70	SHALE		<del>                                     </del>			
5	75	LIME		<del> </del>			
1	76	BLACK SHALE		<del>                                     </del>		<del> </del>	
42	118	SHALE		<del> </del>			
9	127	SAND (DRY)		<del>                                     </del>	<del></del>	<del></del>	
24	141	SNADY SHALE		<del> </del>		·	·
87	228	SHALE					
1	229	COAL		-	-	<del></del>	
4	233	SHALE				<u> </u>	
5	238	LIME					
27	265	SHALE					
1	266	SHALE (FLOW)					
8	274	LIME (FLOW)					
4	278	LIGHT SHALE					
5	283	OIL SAND (SHALEY) (POOR BLEED) (	MATER		<del></del>		RECEIVED KANSAS CORPORATION COMMISSION
4	287	OIL SAND (POOR BLEED) (WATER)	· · · · · · · · · · · · · · · · · · ·	<del>                                     </del>			MICEAS CORPURATION COMMISSION
17.5	304.5 ·	OIL SAND (SEE CORE)		<del>  </del>			10110
2.5	307	SHALE (OIL STREAKS)		<del>  </del>			NOV 0 9 2009
13	320	SHALE	<del></del> -	-		ļ	
1	321	COAL					CONSERVATION DIVISION
8	329	SHALE		<del>                                     </del>			WECHITA, KS
4	333	LIME					
то	341	SHALE		<del>  </del>			
			····				
					<del></del>		
	**						
				-			
				$\overline{}$		<u> </u>	· · · · · · · · · · · · · · · · · · ·
	••••						
				-+			
					~	·	
$\neg \neg$				+			
				<del></del>			
			<del></del>				
				L			

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

Core
Run #1



Well #: 0-13	
Location: N2-NW-NE, S:8, T:20, S.R.:23, E	_
County: LINN	_
FSL: 5125	_
FEL: 1685	_
API#: 15-107-24078-00-00	_
Started: 6-11-09	_
Completed: 6-15-09	_

FT Depth Clock Time			Formation/Remarks Depth					
Depth	Clock	Time	Formation/Remarks					
287								
288		3	OIL SAND (POOR BLEED) (WATER)	288				
289	<del></del>	4		200				
290		4		İ				
291	<del></del>	2						
292		4						
293		2.5	OIL SAND (FAIR BLEED) (SOME WATER)	293.8				
294		2.5		233.0				
295		4.5						
296		5						
297		3	SHALE (OIL STREAKS) (FAIR BLEED)	296.1				
298		3						
299								
			OIL SAND (GOOD BLEED)	298.5				
300		8	SHALE (OIL STREAKS) (FAIR BLEED)	300.2				
301		5		300.2				
THIOL				1				
302		5.5	OIL SAND (GOOD BLEED)	301.2				
303	-	4.5						
305	-	5.5	SHALE (MIL STREAMS)	İ				
306		5	STING (OLSTROAG)	304.7				
307								
			SHALE (OIL STREAKS)					
			·	<u>.</u>				
			RECEIVED	· .				
			KANSAS CORPORATION CO	AMISSION				
			NOV <b>0 9</b> 200	9				
			COMBETVATION D	VISION .				
			WICHITA, KS	}				
			·					
				ļ				
			* · · · · · · · · · · · · · · · · · · ·	٠.				
				i '				
	288 289 290 291 292 293 294 295 296 297 298 299 300 301 JOINT 302 303 304 305	287 288 289 290 291 292 293 294 295 296 297  298 299 300 301 JOINT 302 303 304 305 306	287	287				

# Avery Lumber P.O. BOX 66 MOUND CITY, KS 66056

{913} 795-2210 FAX {913} 795-2194

### **Customer Copy** INVOICE

PLEASE REFER TO INVOICE NUMBER ON ALL CORRESPONDENCE

Page: 1			Involce: 10	010653
Speciai :			Time:	17:18:47
Instructions :			Ship Date:	08/01/09
:			Involce Date	: 08/02/09
Sale rep #: MAVERY MIKE	Acc	t rep code:	Due Date:	07/05/09
Sold To: BOBCAT OILFIELD SRVC,INC	Ship Ta:	BOBCAT OILFIE	ELD SRVC,INC	
C/O BOB EBERHART 30805 COLDWATER RD	(913) 837-2823	913	837 415	f
LOUISBURG, KS 65053	(913) 837-2823			•
Customer #: 3570021	Guntomer PO:	On	der By:TERRY	

popling@1 ORDER SHIP L U/M ITEM# DESCRIPTION **EXTENSION** Alt Price/Uom PRICE 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 BAG 5.1900 1245.60 14.00 14.00 EA CPQP QUIKRETE PALLETS 17.0000 EA 17.0000 238.00 RECEIVED KANSAS CORPORATION COMMISSION OKRE. Deilling NOV 0 9 2009 COMSERVATION DIVISION WICHITA, KS FILLED BY CHECKED BY DATE SHIPPED Sales total \$3720.80 SHIP VIA LINN COUNTY RECEIVED COMPLETE AND IN GOOD CONDITION 3720.80 Taxable Non-taxable 0.00 Sales tex 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 Well Field	Bobcat C Snyder LaCygne	No.	Q	-13 nus		
24	County	Linn			State	Kans	as
07-	Location						Other Services
API # 15-107-24,078		5212' FSI NW-N					Perforate
<u>a</u>	Sec 8		<b>.</b>	Ra	e 23e		Elevation
∢	Permanent Dar Log Measured Drilling Measu	tum GL From GL red From GL			Elevati	on NA	K.B. NA D.F. NA G.L. NA
 Date		6-29-2009					
Run Number		One					<u></u>
Depth Driller		341.0					
Depth Logger		335.0					
Bottom Logged Int	erval	333.0					
Top Log Interval		20.0					
Fluid Level		Full				RECENT	5D
Type Fluid		Water NA			KAN	SAS CORPORATIO	N COMPLISSION
Density / Viscosity		NA NA				<del></del> -	
Salinity - PPM CI		NA NA				MOV 0 9	2009
Max Recorded Te		0.0					
Estimated Cemen	c rop Location	107 Osawa	tomie			CONSERVATION WICHITA	N KS
	Location	Steve Wind		<u> </u>			4.10
Recorded By Witnessed By		Bob Eberh					
RUN	RECORD	T		CAS	ING RECORE		
No. BIT	FROM	ТО	SIZ	E	WGT.	FROM	ТО
,,,,		20.0	6.0	0"		0.0	20.0
One 8.75"	0.0	} 20.0	1 0.0				337.0