ORIGINAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
October 2008
Form Must Be Typed
Rocal From MC
on 11/13/09.

WICHITA, KS

API No. 15 - 15-107-24072-00-00 OPERATOR: License #_3895 Spot Description: NE/4 Bobcat Oilfield Service, Inc. Address 1: 30805 Coldwater Rd. SE_SW_NW_NE_Sec. 8 Twp. 20 S. R. 23 Fast West 4180 4/75 Feet from North / South Line of Section Address 2: ____ 2145 2141 Feet from 🗾 East / 🗌 West Line of Section City: Louisburg State: KS Zip: 66053 + Contact Person: Bob Eberhart Footages Calculated from Nearest Outside Section Corner: Phone: (913) 837-2823 M NE □NW V SE □SW County:_Linn CONTRACTOR: License # 4339 Lease Name: Snyder Name: Dale E. Jackson Production Co. _ Well #: _ O-18 Field Name: LaCygne-Cadmus Wellsite Geologist: _ Purchaser: High Sierra Crude Oil and Marketing, LLC Producing Formation: Peru Elevation: Ground: 889 ____ Kelly Bushing: NA Designate Type of Completion: ✓ New Well Total Depth: 321 Plug Back Total Depth; 6 _____ Re-Entry Amount of Surface Pipe Set and Cemented at: 20.6 _ Oil SWD Gas ✓ ENHR Multiple Stage Cementing Collar Used? ☐ Yes ☑ No _ CM (Coal Bed Methane) __ Temp. Abd. If yes, show depth set: ___ If Alternate II completion, cement circulated from: ____20.6_ (Core, WSW, Expl., Cathodic, etc.) feet depth to: Surface If Workover/Re-entry: Old Well Info as follows: Operator: **Drilling Fluid Management Plan** 12-18-09 (Data must be collected from the Reserve Pit) Well Name: ___ Original Comp. Date: _____ Original Total Depth: ___ Chloride content: 1500-3000 _ppm Fluid volume: 80 bbls Re-perf. _____Conv. to Enhr. _____Conv. to SWD Deepening Dewatering method used: __on lease _____ Plug Back Total Depth __ Plug Back: _ Location of fluid disposal if hauled offsite: __ Commingled Docket No.: ___ Operator Name: _ Dual Completion Docket No.: ____ ____ License No.: ___ _ Other (SWD or Enhr.?) Docket No.: __ 6/3/09 6/4/09 10/1/09 Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells, All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to le best of my k Signature: _ Title: Agent Subscribed and sworn to before me this 6 KANSAS CORPORATION COMMISSION Wireline Log Received 20 D 9 Geologist Report Received Notary Public: 2 NOV **0 9** 2009 **UIC Distribution** Date Commission Expires: 5-8-2012 CONSERVATION DIVISION

Side Two

Operator Name: Bot	ocat Oilfield Service	e, Inc.	Lease	Name: _	Snyder		Well #: _O-1	8
	0 S. R. 23			y: Linn		-		
me tool open and cle ecovery, and flow rat	osed, flowing and shu	d base of formations pen t-in pressures, whether s st, along with final chart(eport.	hut-in pres	ssure read	ched static level,	hydrostatic p	ressures, bottom	hole temperature, fluid
rill Stem Tests Take		☐ Yes 📝 No		✓ L	og Formation	n (Top), Depti	h and Datum	Sample
amples Sent to Geo	ological Survey	☐ Yes 🗹 No		Nam	е		Тор	Datum
ores Taken lectric Log Run (Submit Copy)		✓ Yes No ✓ Yes No						
ist All E. Logs Run:								
GammaRay/	Neutron/CCL							
			RECORD	☐ Ne				
Purpose of String	Size Hole	Report all strings set-o	We	ight	Setting	Type of		Type and Percent
Surface	Drilled 9	Set (In O.D.) 8 3/4"	Lbs	. / Ft.	Depth 20.6	Cement Portland	Used 5	Additives
Completion	5 5/8"	2 7/8"			315	Portland	50	50-50 POZ
		ADDITIONAL	CEMENT	ING / SQL	JEEZE RECORD			
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Type of Cement	#Sacks Used		Type and Percent Additives			
— Plug Back TD — Plug Off Zone								
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per					ment Squeeze Reco	rd Depth
2	272.0-282.0	41 Perfs			Acid Fractu	ure 2	72.0-282.0	
							KANSA	RECEIVED AS CORPORATION COMMIS
								NOV 0 9 2009
TUBING RECORD:	Size:	Set At:	Packer A	At:	Liner Run:	Yes] No CC	NSERVATION DIVISI WICHITA, KS
Date of First, Resumed	Production, SWD or En	nr. Producing Meth		Flowing	g 🔲 Pumpir	ng 🗌 Ga	es Lift Oth	ner (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wat		bls.	Gas-Oil Ratio	Gravity
DISPOSIT	ION OF GAS:		METHOD O	F COMPLE	ETION:		PRODUCT	ON INTERVAL:
Vented Sol	d Used on Lease	Open Hole Other (Specify)	Perf.	☐ Dually	Comp. Con	nmingled		

	09 11:42			ackson Pro Co.						913 7	95 299	91	p.10	
Lea	se:	SNYE			1							Well #: L-18	0-18	
Dw	ner:	BOB	CAT OILFIEL	D SERVICES, ING.								Location: SN-NV		
OPI	OPR #: 3895 Contractor: DALE JACKSON PRODUCTION CO. OPR #: 4339 Surface: Cemented: Hole Size 20FT 6IN 5 SACKS 8 3/4		Dale Ja	Dale Jackson Production Co. Box 266, Mound City, Ks 66056 Cell # 620-363-2683					T:20,S.R.:23, E					
Con									County: LINN					
OPF									FSL: 4180					
Surf			الش						ſ	FEL: 2145				
20F			8 3/4	2011	Office # 913-795-2991					API#: 15-107-24072-00-00				
	gstring:	Cem	ented:	Hole Size:	_	1					Started: 6/3/09			
315	2 7/8	50 S	ACKS	5 5/8							Ţ	Completed: 6/4/	/09	
				-	SN: NONE			Pá	cker:			TD: 321		
		V	Vell Lo	g	Plugged:			В	ottom Plug:					
TKN	BTM Depth		Formation	**************************************		TKN	BTM		Formation					\neg
1	1		TOP SOIL			†	Dep							
10	11		LIME			1.	 							
7	17		SHALE				1							_
2	19		BLACK SHAL	E			<u> </u>							
23	42	1	LIME				<u> </u>		 -					
4	46		SHALE				<u> </u>						·	i
2	48		BLACK SHAL	E										
6	50		LIME									· · · · · · · · · · · · · · · · · · ·		
	56		SHALE											[
4	60		LIME											
4	64		BLACK SHALE											
38	68 106		UME										· · · · · · · · · · · · · · · · · · ·	
15	121		SHALE											
93	214		SANDY SHAU	E				\Box						
2	216		SHALE BLACK SHALE											
3	219		SHALE					$_{\perp}$						\neg
4	223		UME					I						
15	238		SHALE					$oldsymbol{\mathbb{J}}$						
7	245			HOW) (FLOW)				\Box			_	-		\dashv
1	246		SHALE (LOT C											\dashv
11	257		IMF	ir GAGJ										\dashv

2009-06-05 12:52

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23

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260

251

264

265

269

285

291

314

316

317

321

SHALE (HEAVY FLOW)

OIL SAND GOOD BLEED

(OIL SAND SEE CORE)

SHALE

COAL

SHALE

LIME

LIMEY SAND ("HEAVY"FLOW)

OI SAND (HEAVY FLOW) (GOOD OIL BLEED)

OIL SAND (GOOD BLEED) (WATER AND OIL)

SHALE (OIL SAND STR.) (POOR BLEED)

MECEIVED
KANSAS CORPORATION COMMISSION

NOV 0 9 2009

CONSERVATION DIVISION WICHITA, KS



Dale Jackson Production Co. Box 266, Mound City, Ks 66056 Ceil # 620-363-2683 Office # 913-795-2991



Lease :	SNYDER
Owner:	BODCAT OILFIELD SERVICES, INC.
OPR#:	3895
Contractor:	DALE JACKSON PRODUCTION CO.
OPR#:	4339

Core Run <u># 1</u>

Well #: 1-25.	E)-14
Location: SN-NV	V-NE, S:8, T:20,S.R.:23, E
County: LINN	
FSL: 4180	· · · · · · · · · · · · · · · · · · ·
FEL: 2145	
API#: 15-107-240	072-00-00
Started: 6/3/09	
Completed: 6/4/	/09

FT	Donah	Clast	T ==		Completed: 6/4/09				
[]	Depth	Clock	Time	Formation/Remarks					
ļ	267				Depth				
<u> </u>	268		3	OU SAND (COOD BLEED) (OU AND MATTER)	ĺ				
Ĺ	209		3.5	OIL SAND (GOOD BLEED) (OIL AND WATER)	1				
	270		2		269				
	271		3						
	272		3	OII CAND MICHAEL DATE OF THE PROPERTY OF THE P					
<u> </u>	273		2.5	DIL SAND (HEAVY BLEED) (HEAVY SATURATION)					
	274		4						
<u></u>					273.5				
	275		4.5						
	276		5.5	CANDWELLALE NO CU OR VIVI					
	i i			SANDY SHALE NO OIL OR WATER	275.5				
	277		3.5						
	278		3	OIL SAND SHALEY (GOOD BLEED)	270				
	279		2.5		278				
	280		2.5						
	281		3		1				
	282		2	OIL SAND (HEAVY BLEED) (HEAVY SATURATION)	1				
	283		4	OIL SHIP (HEAT PEECO) (HOMAT SATUKATION)	282.5				
	284		4.5		 				
	285		4.5		1				
		1	1.5	SHALE OIL SAND STR. GOOD BLEED	ľ				
ĺ	1				284.5				
	286		45	SHALE OIL SAND STR. POOR BLEED	204.3				
	200		4.5						
					ļ				
					1				
									
	—— 	+							
				272–282 KANSAS CORPORATIO	ED				
				2 2 - KANSAS CORPORATIO	N COMMISSIO				
				NOV 0 9	2009				
				CONSERVATION WICHT	NOISIVIA MC				
				WICHIT	A, KS				
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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: 1	0010653				
Special :		Time:	17:18:47				
Instructions :		Ship Date	: 08/01/09				
:		Invoice D	ate: 08/02/09				
Sale rep #: MAVERY MIKE	Acct	rep code: Due Date	07/05/09				
Sold To: BOBCAT OILFIELD SRVC,INC	Ship To: B	Ship To: BOBCAT OILFIELD SRVC,INC					
C/O BOB EBERHART	(913) 837-2823						
30805 COLDWATER RD		913 837 414	<u>รี</u> ร์				
LOUISBURG, KS 68053	(913) 837-2823		•				
Customer #: 3570021	Customer PO:	Order By:TERRY					

5TH T 26 papimg01 ORDER SHIP IL UM ITEM# DESCRIPTION Alt Price/Uom PRICE **EXTENSION** 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# 1245.60 5.1900 BAG 5,1900 14.00 CPQP 14.00 EA QUIKRETE PALLETS 17,0000 EA 17,0000 238.00 OKRE. Drilling RECEIVED KANSAS CORFORATION COMMISSION **0 9** 2009 NOV CONSERVATION DIVISION WICHITA, KS FILLED BY CHECKED BY DATE SHIPPED DRIVER Sales total \$3720.80 SHIP VIA **LINN COUNTY** RECEIVED COMPLETE AND IN GOOD CONDITION Taxable 3720.80 Non-taxable 0.00 Sales tax 197.20 X Tax#

2 - Customer Copy

\$3918.00

TOTAL



MIDWEST SURVEYS

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

GAMMA RAY / NEUTRON / CCL

File N	10.		D - l-		::I £ : ~	اسا	Canda		Ino				
		Company	Rot	ocat U	ilitie	IU	Servic	es,	IIIC.				
		Well	Sny	der	No	. (D-18						
072		Field	LaCygne - Cadmus										
API # 15-107-24 072	; 	County	Linn State Kan							as			
[0		Location	Othe										
7.)		41	75' FSL	. & 2	141	FEL			Perforate			
#		SE-SW-NW-NE											
۵	•	Sec. 8	Tv	_{vp} 20s		R	ge 23e			Elevation			
		Permanent Date		GL			Eleva	tion	NA	K.B. NA			
		Log Measured From GL							D.F. NA				
		Drilling Measur	ed Fron	n GL						G.L. NA			
Date			6-29-2009										
Run Numb			One										
Depth Dril			321.0						_	<u> </u>			
Depth Log	<u> </u>		313.5 311.5						_	-			
Bottom Lo		val		20.0					RECEIVE	ED			
Top Log Ir			Full			KANSAS CORPORATION COMINISSION							
Fluid Leve				Water		MOV 0 9 5003							
Density / \			NA NA			1404 0 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5							
Salinity - F			NA NA			CONSTRUATION DIVISION							
Max Reco		n	NA NA			ACCHITA KS							
Estimated		·	0.0										
Equipmen		cation	107	Osawat	omie								
Recorded			Steve Windisch										
Witnesse			Bob Eberhart										
RUN	E	BORE-HOLE RE	CORD		CASING RECORD			ECORD	-				
No.	BIT	FROM	TO		SIZ	IZE WGT.			ROM	ТО			
One	8.75"	0.0		20.0	6.0			0.0		20.0			
Two	5.625"	20.0	3	21.0	2.87	'5"	HY-Drill		0.0	315.0			
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