

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #_	3895		API No. 15 - 15-107-24294-00-00	
	eld Services, Inc.		Spot Description:	
Address 1: 30805 COL	D WATER RD		NW_SE_SW_SE Sec. 5 Twp. 20 S. R. 2	.3 🗹 East 🗌 West
Address 2:			331 Feet from North /	South Line of Section
City: LOUISBURG	State: KS Zi	o: 66053 + 8108		
Contact Person: Bob E	berhart		Footages Calculated from Nearest Outside Section C	
Phone: (913) 285	-0873		□ne □nw ☑se □sw	
CONTRACTOR: License			County:_Linn	•
		E. Jackson Production Co.	Lease Name: Harvey Wo	ell #:
Wellsite Geologist: N/A			Field Name: LaCygne-Cadmus	
Purchaser: High Sierra	Crude Oil	<u>.</u>	Producing Formation: Peru	
Designate Type of Comple	etion:		Elevation: Ground: 943 Kelly Bushing:	0
New Well	Re-Entry	Workover	Total Depth: 341 Plug Back Total Depth:	
□ Oil □ ws	sw 🗆 swd	 □ slow	Amount of Surface Pipe Set and Cemented at: 20	
Gas D8		☐ sigw	Multiple Stage Cementing Collar Used? Yes 🗸	_
□ og	☐ gsw	Temp. Abd.	If yes, show depth set:	Feet
CM (Coal Bed Meth	ane)		If Alternate II completion, cement circulated from: 33	
Cathodic Dot	her (Core, Expl., etc.):		feet depth to: 0 w/ 50	
If Workover/Re-entry: Old	Well Info as follows:			
Operator:			Drilling Fluid Management Plan	
Well Name:			(Data must be collected from the Reserve Pit)	
Original Comp. Date:	Original To	otal Depth:	Chloride content:ppm Fluid volume	: bbls
Deepening	Re-perf. Conv. to	ENHR Conv. to SWD	Dewatering method used:	
	Conv. to			
_	Plu	-	Location of fluid disposal if hauled offsite:	
☐ Commingled			Operator Name:	
☐ Dual Completion	·		Lease Name: License #:	
☐ SWD ☐ ENHR	•		Quarter Sec TwpS. R	
☐ GSW			County: Permit #:	
10/15/2010	10/28/2010	12/28/2010		
	Date Reached TD	Completion Date or		

AFFIDAVIT

I am the affiant and I hereby certify that 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 the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY	
Letter of Confidentiality Received	
Date:	
Confidential Release Date:	
☑ Wireline Log Received	n
Geologist Report Received	V 7 V
✓ UIC Distribution	W.
ALT I I III Approved by: Deanna Garrison Date: 1	2/29/2010

Side Two



Operator Name: Bobo	<u>cat Oilfield Servi</u>	ces, Inc.	Lease Na	Lease Name: Harvey			Well #: G-4		
Sec. 5 Twp.20	Sec. 5 Twp. 20 S. R. 23 Fast West County: Linn								
time tool open and clos	sed, flowing and shu s if gas to surface te	d base of formations pen- t-in pressures, whether sl st, along with final chart(s well site report.	hut-in pressui	re read	ched static level,	hydrostatic pressu	ires, bottom h	ole tempe	erature, fluid
Drill Stem Tests Taken (Attach Additional St	heets)	Yes No		√ Lo	og Formation	ı (Top), Depth and	Datum	s	ample
Samples Sent to Geolo	ogical Survey	☐ Yes 🗸 No		Name Top Peru 272			D GL	atum	
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	Electronically	✓ Yes No ✓ Yes No ✓ Yes No		eiu		•		GE.	
List All E. Logs Run:									
Gamma Ray/Neutron/Co	CL								
		CASING Report all strings set-c	RECORD	Ne	_	on, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / F		Setting Depth	Type of Cement	# Sacks Used		ind Percent dditives
Surface casing	8.75	6.25	8		20	Portland	5		
Production casing	5.625	2.875	6		339 Portland/Fly		50	60/40 Poz Mix	
		ADDITIONAL	CEMENTING	s / SQL	JEEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks U	# Sacks Used		Type and Percent Additives			
Protect Casing Plug Back TD	_								
Plug Off Zone	-								
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per				cture, Shot, Cement		d	Depth
4	283-292 & 295-3	05 ·			Acid 500 gal	7.5% HCL			
							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
TUBING RECORD:	Size:	Set At:	Packer At:		Liner Run:	Yes No			
Date of First, Resumed F	Production, SWD or EN	HR. Producing Meta	hod:		Gas Lift 0	ther (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wat	er Bt	ols. G	as-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		METHOD OF C	OMPLE	TION:		PRODUCTION	ON INTERV	/Δ1 ·
Vented Sold	Used on Lease		Perf.	Dually	Comp. Com	nmingled	-RODOCIN		
(If vented, Sub	_		(-	Submit ,	ACO-5) (Subr	nit ACO-4)		_	

Legse:	HARVEY	
Owner:	BOBCAT OILFI	ELD SERVICES, INC.
OPR#:	3895	
Contractor:	DALE JACKSON	РРООИСТЮ СО.
OPR#:	4339	A 20
Surface: 20FT, 6IN	Cemented: 5 SACKS	8 3/4
Longstring 339' 2 7/8	Cemented: 50	Hole Size: 5 5/8

Dale Jackson Production Co.

Box 266, Mound City, Ks 66056 (

Cell # 620-363-2683

Office # 913-795-2991

Well #: G-4	
Location: Y-SE-SW-SE, S:5, T: 20,	
S.R.:23	
County: LINN	
FSL: 230 33\	
FEL: 1650 100	
API#: 15-107-24294-00-00	
Started: 10-15-10	
Completed: 10-28-10	

Well Log

SN: Packer: TD: 341'
NONE
Plugged: Bottom Plug:

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
2	2	TOP SOIL	1		
28	30	LIME		 	
2	32	SHALE			
3	35	BLACK SHALE			
23	58	UME			
2	60	SHALE			
3	63	BLACK SHALE			
13	76	UME		l	
1	77	BLACK SHALE			
10	87	SANDY SHALE (LIMEY)	Π.		
25	112	SHALE			
20	132	SANDY SHALE (DRY SAND STK)			
90	222	SHALE	l	I	
1	223	BLACK SHALE			
11	234	SHALE			
4	238	LIME (DRY SANDY STK)			
24	262	SHALE (SOME RED BED)			
8	270	LIME (ODOR) (RAINBOW)			
2	272	LIGHT SANDY SHALE)			
3	275	OIL SAND (SOME SHALE) (WATER) (POOR BLEED)			
3	278	OIL SAND (SHALEY) (POOR BLEED) (WATER)			
2	280	OIL SAND (WATER) (POOR BLEED)			
2	282	OIL SAND (FAIR BLEED) (SOME WATER)			
2	284	OIL SAND (SOME SHALE) (FAIR BLEED)			
4	288	OIL SAND (LIMEY) (GOOD BLEED)			
4	292	OIL SAND (SOME SHALE) (GOOD BLEED)			
1.5	293.5	SANDY SHALE (OIL SAND STK) (POOR BLEED)			
1	294.5	OIL SAND (SHALEY) (GOOD BLEED)			
.5	295	SANDY SHALE (OIL SAND STK) (POOR BLEED)			
3	298	OIL SAND (SOME SHALE) (GOOD BLEED)			
3.5	301.5	SHALE (OIL SAND STK) (FAIR BLEED)	<u> </u>		
3.5	305	OIL SAND (SHALEY) (GOOD BLEED)			
15	320	SHALE	<u> </u>		
4	324	COAL			
5	329	SHALE			
5	334	UME			
TD	342	SHALE (LIMEY)	<u> </u>		
		<u> </u>	1		
			 		
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Dale Jackson Production Co. Box 266, Mound City, Ks 66056 Cell # 620-363-2683 Office # 913-795-2991



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

Core Run <u># 1</u>

Well #: G-4
Location: SE-SW-SE, S:5, T: 20, S.R.:23
County: LINN
E21: 350 33/
FEL: 1650 (de)
API#: 15-107-24294-00-00
Started: 10-15-10
Completed: 10-28-10

FT	Depth	Clock	Time	Formation/Remarks	Depth
0	282				
1	283		1.5		284'
2	284		1	OIL SAND (SOME SHALE) (FAIR BLEED)	
3	285		1.5		
4	286		2.5		
5	287		2	OIL CAND (MADY) (COOD BLEED)	288'
6	288		25	OIL SAND (LIMEY) (GOOD BLEED)	286
7	289		1.5		
8	290		1		
9	291		1.5		
10	292		1.5	OIL SAND (SOME SHALE) (GOOD BLEED)	292'
11	293		1.5	SANDY SHALEY (OIL SAND STK) (POOR BLEED)	293.5
12	294		1	OIL SAND (SHALEY) (GOOD BLEED)	294.5
13	295		2.5	SANDY SHALEY (OIL SAND STK) (POOR BLEED)	295
14	296		1.5		†
15	297		1		1
16	298		1.5	OIL SAND (SOME SHALE) (GOOD BLEED)	298
17	299		1.5		
18	300		1.5		ł
19	301		2	SHALE (OIL SAND STK) (FAIR BLEED)	301.5
20	302		1	OIL CAMP (CIMA DA (COOP DICED)	
				OIL SAND (SHALEY) (GOOD BLEED)	
			ļ		1
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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

TOTAL

\$3851.83

Invoice: 10024773 Page: 1 13:53:41 Special 913 . 837 . 4159 Ship Date: 10/12/10 Instructions Involve Date: 10/14/10 Sale rap #: MAVERY MIKE Due Date: 11/05/10 Balls To: BOBCAT OILFIELD SRVC,INC Ship To: BOBCAT OILFIELD SAVC,INC C/O BOB EBERHART (913) 837-2823 **30806 COLDWATER RD** LOUISBURG, KS 66053 (913) 837-2823 Quatomer#: 3570021 Customer PO: Order By:

ORDER EXTENSION SHIP L U/M ITEM# DESCRIPTION Alt Price/Uom PRICE 245.00 L PORTLAND CEMENT 1987.55 245.00 BAG CPPC 7.8900 BAG 7 8800 1428.00 280.00 280.00 BAG CPPM POST SET FLY ASH 76# 5.1000 BAG 5.1000 EA CPQP QUIKRETE PALLETS 17.0000 EA 17.0000 238.00 14.00 14.00 L OKRE LACYGNE DATE SHIPPED CHECKED BY \$3623.55 Sales total SHIP VIA LINN COUNTY RECEIVED COMPLETE AND IN GOOD CONDITION 3623.55 Taxabie Non-taxabla 0.00 228.28 Tax #

2 - Customer Copy