

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1047705

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 #38	95		API No. 15 - 15-107-24286-00-00
Name: Bobcat Oilfield S			Spot Description:
Address 1: 30805 COLD W	ATER RD		SW_NE_SW_SE_Sec. 5 Twp. 20 S. R. 23 VEast West
Address 2:			
City: LOUISBURG			1,657 Feet from 🗹 East / 🗌 West Line of Section
Contact Person: Bob Eberh	art		Footages Calculated from Nearest Outside Section Corner:
Phone: ()285-087	73		□ NE □ NW ☑ SE □ SW
CONTRACTOR: License #_4	1339		County:_Linn
	Sue Ellen dba Dale E. Ja	ckson Production Co.	Lease Name: Harvey Well #: E-4
Wellsite Geologist: N/A			Field Name: LaCygne-Cadmus
Purchaser: High Sierra Crud	de Oil ,		Producing Formation: Peru
Designate Type of Completion	ı:		Elevation: Ground: 943 Kelly Bushing: 0
✓ New Well	Re-Entry	Workover	Total Depth: 342 Plug Back Total Depth:
Oil wsw	SWD	Siow	Amount of Surface Pipe Set and Cemented at: 20 Feet
Gas D&A	✓ ENHR	∐ SIGW	Multiple Stage Cementing Collar Used?
☐ OG	∐ GSW	Temp. Abd.	If yes, show depth set:Feet
Cothodia Cothor			If Alternate II completion, cement circulated from: 338
Cathodic Other			feet depth to: 0 w/ 50 sx cmt.
If Workover/Re-entry: Old We			
Operator:			Drilling Fluid Management Plan
Well Name:			(Data must be collected from the Reserve Pit)
Original Comp. Date:	Original Total D	Depth:	Chloride content:ppm Fluid volume:bbls
Deepening Re-	<u> </u>	IR Conv. to SWD	Dewatering method used:
_	Conv. to GS\		
<u> </u>	Plug Ba	-	Location of fluid disposal if hauled offsite:
Commingled			Operator Name:
☐ Dual Completion			Lease Name: License #:
SWD			Quarter Sec TwpS. R
☐ ENHR			County: Permit #:
GSW		0/00/0040	
		2/28/2010 empletion Date or	
Recompletion Date		empletion 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	١.
Geologist Report Received	L)
✓ UIC Distribution	_
ALT I I III Approved by: Deanna Garrison Date: 12/28/2010	

Side Two



Operator Name: Bobcat Oilfield Services, Inc.				ne:	larvey		Well #:E-4	ļ			
Sec. 5 Twp. 20	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 pressure	react	hed static level, I	hydrostatic pressi	ures, bottom h	ole temp	erature, fluid		
Drill Stem Tests Taken (Attach Additional S	heets)	☐ Yes 📝 No	ĺ	✓ Log Formation (Top), Depth and Datum			Sample				
Samples Sent to Geole	ogical Survey	Yes 🗹 No		Name eru)	•	Тор 271	(Gi	Datum I		
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	•	✓ Yes No ✓ Yes No ✓ Yes No		o.u			• •		-		
List All E. Logs Run:											
Gamma Ray/Neutron/C	CCL										
		CASING Report all strings set-o	RECORD [Nev		on, etc.					
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used		and Percent		
Surface casing	8.75	6.25	8		20	Portland	5				
Production casing	5.625	2.875	6		338	Portland/Fly Ash	50	60/40	Poz Mix		
		ADDITIONAL	CEMENTING /	/ SQU	EEZE RECORD						
Purpose: —— Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Percent Additives						
Protect Casing Plug Back TD	-										
Plug Off Zone	-										
	PERFORATI	ON RECORD - Bridge Plug	s Set/Tyne		Acid Frac	ture, Shot, Cement	Squeeze Recor	rd .			
Shots Per Foot		Footage of Each Interval Per				nount and Kind of Ma			Depth		
4	284-294 & 300-3	05			Acid 500 gal	7.5% HCL					
			<u>.</u>								
TUBING RECORD:	TUBING RECORD: Size: Set At: Packer At: Liner Run:										
Date of First, Resumed	Production, SWD or EN	IHR. Producing Meth	nod:	 •	Gas Lift 0	ther (Explain)					
Estimated Production Oil Bbls. Gas Mcf Per 24 Hours Gas Mcf				Wate			as-Oil Ratio		Gravity		
DISPOSITIO	ON OF GAS:		METHOD OF CO	MPLE	TION:		PRODUCTION	ON INTER	VAL:		
☐ Vented ☐ Sold	Used on Lease		Perf.		Comp. Com	nmingled nit ACO-4)					
(If vented, Sub	mit ACO-18.)	Other (Specify)	,		, ,	(fr. 1 0 1 1 4 0 0 4 0)					

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

Page: 1 Invoice: 10024773 13:53:41 Special 913 . 837 . 4159 Instructions Ship Date: 10/12/10 Involve Date: 10/14/10 Sale rap #: MAVERY MIKE Dua Date: 11/05/10 6ms To: BOBCAT OILFIELD SRVC,INC Ship To: BOBCAT OILFIELD SRVC,INC C/O BOB EBERHART (813) 837-2823 **30805 COLDWATER RD** LOUISBURG, KS 68053 (913) 837-2823 Customer #: 3570021 Customer PO: Order By:

postmg01 ORDER SHIP L U/M ITEM# DESCRIPTION Alt Price/Uom PRICE EXTENSION 245.00 245.00 L BAG CPPC PORTLAND CEMENT 7.8900 mg 7.9900 1957.55 POST SET FLY ASH 75# 280.00 L СРРМ 280.00 BAG 5.1000 BAG 5.1000 1428.00 14.00 14.00 L ĘΑ CPQP QUIKRETE PALLETS 17.0000 EA 17.0000 238.00 bure LACYANK CHECKED BY DATE SHIPPED \$3623.55 Sales total SHIP VIA LINN COUNTY RECEIVED COMPLETE AND IN GOOD CONDITION 3623.55 Taxable Non-taxable 0.00 228.28 Tax#

2 - Customer Copy



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 #: E-4	
Location - EZ - SW-SE, T: 20, S.R.:23	
County: LINN	
FSL:660 677	
FEL: 1650 1657	
API#: 15-107-24286-00-00	
Started: 10-11-10	
Completed: 10-13-10	

				Completed: 10-13-10	
FT	Depth	Clock	Time	Formation/Remarks	Depth
0	273				
1	274		1		İ
2	275		1.5		
3	276		1		
4	277		1		
5	278		1		
6	279		1.5	·	
7	280		1	OIL SAND (WATER) (SOME SHALE) (VERYLITTLE OIL)	281'
8	281		1.5	I	
9	282		1.5	OIL SAND FRACTOR (WATER) (VERY LITTLE OIL)	281.5'
10	283		1.5	OIL SAND WATER (VERY LITTLE OIL)	283.5'
11	284		1	-	
12	285		1.5		
13	286		1.5		
14	287		1.5		
15	288		1	-	
16	289	<u> </u>	1.5		
17	290		1	OIL SAND (SOME SHALE) (GOOD BLEED) (OIL AND SOME WATER)	291'
18	291		1.5	DIE 24040 (20005 2404E) (2000 BEEED) (DIE WIED 2000E AWIEW)	
19	292		1		
20	293		1.5	NDY SHALE (OIL SAND STK) (FAIR BLEED)	
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řeaze :	HAKVEY			
Owner:	BOBCAT OILFI	ELD SERVICES, INC.	7	
OPR#:	3895		Dale Jackson Produ	uction Co.
Contractor:	DALE JACKSON	PRODUCTION CO.	Box 266, Mound Cit	y, Ks 66056 °
OPR#:	4339	1 1 633	Cell # 620-363	-2683
Surface: 20FT, 6IN	Cemented: 5 SACKS	Hole Size:	Office # 913-79	5-2991
Longstring 338' 2 7/8'	Cemented: 50	Hole Size: 5 5/8		
			₹ CN-	Dackor

ſ	Well #: E-4
I	Location - £2 - SW-SE, T: 20, S.R.:23
١	County: LINN
1	FSL:660 677
I	FEL: 1650 1657
Ī	API#: 15-107-24286-00-00
ĺ	Started: 10-11-10
1	Completed: 10-13-10

Well Log

SN:	Packer:	TD: 342'
NONE		· · · · · · · · · · · · · · · · · · ·
Plugged:	Bottom Plug:	

Name						
26 27 UME	TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
33	1	1	TOP SOIL			
2 33 56 UME 2 58 UME 2 50 UME 3 56 UME 4 50 BLACK SHALE 5 60 BLACK SHALE 7 60 BLACK SHALE 8 73 UME 8 78 SHALE 9 79 SHALE 9 9 SHALE 9 SHALE 9 9 SHALE	26	27	UME	1.		
23 56 UME 2 58 SHALE 2 160 BBLACK SHALE 2 60 CB BLACK SHALE 3	4	31	SHALE			
23 56 UME 2 58 SHALE 2 160 BLACK SHALE 2 60 BLACK SHALE 3	2	33	BLACK SHALE	 		
2 58 SHALE 2 60 BLACK SHALE 3 60 BLACK SHALE 4 66 8 SHALE 5 73 LIME 5 73 LIME 5 72 SANDY SHALE (LIMEY) 5 72 SANDY SHALE (LIMEY) 7 12 SANDY SHALE (LIMEY) 7 12 124 SANDY SHALE (LIMEY) 7 138 SHALE 7 12 220 SHALE 7 12 220 SHALE 7 12 233 SHALE 7 12 233 SHALE 7 12 238 LIME (ORY SAND STK) 7 11 233 SHALE 7 12 259 SHALE 7 10 269 LIME (FLOW) 7 10 269 LIME (FLOW) 7 10 289 LIME (PLOW) 8 21 251 OIL SAND (SHALEY) (POOR BLEED) (WATER) 8 21 01 SAND (WATER) (SOME SHALE) (VERY LITTLE OIL) 9 10 10 10 SAND (SHALETOR) (WATER) (VERY LITTLE OIL) 10 10 10 SAND (SHALE (OIL AND SOME WATER) (COOR BLEED) 10 10 SAND (SHALE) (FLOW) (COOR BLEED) 11 23 S SANDY SHALE (OIL AND SOME WATER) 12 273 OIL SAND (WATER) (SOME SHALE) (VERY LITTLE OIL) 13 28.5 OIL SAND (SAND SHALE) (CIL AND SOME WATER) (COOR BLEED) 14 300 SANDY SHALE (OIL AND STK) 15 317 COAL 16 327 SHALE 17 COAL 18 19 19 19 19 19 19 19 19 19 19 19 19 19				 		
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