

Kansas Corporation Commission Oil & Gas Conservation Division

1047702

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 - 15-107-24285-00-00
Name: Bobcat Oilfield Services, Inc.	Spot Description:
Address 1: _ 30805 COLD WATER RD	SW_NE_SW_SE_Sec. 5 Twp. 20 S. R. 23 FEast West
Address 2:	Feet from □ North / ☑ South Line of Section
City: LOUISBURG State: KS Zip: 66053 + 8108	1,982 Feet from 🗹 East / 🗌 West Line of Section
Contact Person: Bob Eberhart	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 285-0873	□ NE □ NW Ø SE □ SW
CONTRACTOR: License #_4339	County: Linn
Name:Jackson, Dale E & Sue Ellen dba Dale E. Jackson Production Co.	Lease Name: Harvey Well #: E-3
Wellsite Geologist: N/A	Field Name: LaCygne-Cadmus
Purchaser: High Sierra Crude Oil	Producing Formation: Peru
Designate Type of Completion:	Elevation: Ground: 942 Kelly Bushing: 0
✓ New Well Re-Entry Workover	Total Depth: 342 Plug Back Total Depth:
<u> </u>	Amount of Surface Pipe Set and Cemented at: 20 Feet
☐ Oil ☐ WSW ☐ SWD ☐ SIOW ☐ Gas ☐ D&A	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
OG GSW Temp. Abd.	If yes, show depth set:Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from: 338
Cathodic Other (Core, Expl., etc.):	feet depth to: 0 w/ 50 sx cmt.
If Workover/Re-entry: Old Well Info as follows:	reet depth to: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content:ppm Fluid volume:bbls
Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	
ENHR Permit #:	QuarterSecTwpS. R Bast West
GSW Permit #:	County: Permit #:
10/11/2010 10/12/2010 12/28/2010	
Spud Date or Date Reached TD Completion Date or Recompletion Date	

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	l.
Geologist Report Received	y
✓ UIC Distribution	
ALT I I III Approved by: Deanna Garrison Date: 12/16/2010	

Side Two



Operator Name: Bobo	cat Oilfield Servi	ces, Inc.	 	Lease	Name:	нагчеу		Well #: E- .	<u> </u>	
Sec. <u>5</u> Twp. <u>20</u> S. R. <u>23</u>									 	
INSTRUCTIONS: Show time tool open and clos recovery, and flow rates line Logs surveyed. Att	ed, flowing and shu if gas to surface te	ıt-in pressı est, along v	ires, whether si vith final chart(s	hut-in pres	sure read	thed static level,	hydrostatic pressu	ires, bottom h	nole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional Sh	neets)	□ Ye	es 🗸 No		✓ Log Formation (Top), Dep			pth and Datum		Sample
Samples Sent to Geolo	gical Survey	☐ Y6	es 🗸 No		Nam Peru	e	2	Тор 264	(G	Datum L
Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)			es		reid		·			-
List All E. Logs Run:										
Gamma Ray/Neutron/C0	CL									
			CASING	RECORD		w Vused	•••••			
		1				ermediate, producti		# Sada	T	and Dansont
Purpose of String	Size Hole Drilled		e Casing t (In O.D.)	Wei Lbs.		Setting Depth	Type of Cement	# Sacks Used		and Percent Additives
Surface casing	8.75	6.25		8		20	Portland	5		
Production casing	5.625	2.875		6		338	Portland/Fly Ash	y Ash 50 60/40 Poz Mix		Poz Mix
									<u> </u>	
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks		JEEZE RECORD	Type and Pe	ercent Additives	<u></u>	
Perforate Protect Casing	- Top Bottom							· · · · · · · · · · · · · · · · · · ·		
Plug Back TD Plug Off Zone										
		l								
Shots Per Foot			RD - Bridge Plug Each Interval Per				cture, Shot, Cement mount and Kind of Mat		ď	Depth
4	280-290 & 292-2	97	****			Acid 500 gal	7.5% HCL			
TUBING RECORD:	Size:	Set At:		Packer A	ıt;	Liner Run:	Yes No			
Date of First, Resumed P	roduction, SWD or EN	IHR.	Producing Meth	nod:	ıg 🗌	Gas Lift 🔲 O	other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bl	bls. G	as-Oil Ratio		Gravity
DISPOSITION	N OF GAS:			METHOD OF	COMPLE	TION:		PRODUCTION	ON INTER	VAL:
Vented Sold	Used on Lease			Perf.	Dually	Comp. Con	nmingled			
(If vented Subm	_				(Submit A	ICO-5) (Subr	nit ACO-4)			·

Avery Lumber
P.O. BOX 66
MOUND CITY, KS 66056
{913} 795-2210 FAX {913} 795-2194

Merchant Copy INVOICE THIS COPY MUST REMAIN AT MERCHANT AT ALL TIMES!

TOTAL

\$4012.67

Invoice: 10024372 Page: 1 13:03:51 Specia) 913.25 09/28/10 Ship Date: Instructions : Invoice Date: 10/04/10 Dus Date: 11/05/10 Sale rep #: MAVERY MIKE Acct rep code: Ship To: BOBCAT OILFIELD SRVC,INC Sold To: BOBCAT OILFIELD SRVC,INC C/O BOB EBERHART (913) 837-2823 30805 COLDWATER RD LOUISBURG, KS 86053 (913) 837-2823 Customer #: 3570021 Customer PO: Order By:TERRY

		_		····							r0gmiqoq	7 27
ORDER	SHIP	L	U/M	ITEM#	D	ESCRIPTION			Alt Pric	e/Uom	PRICE	EXTENSION
315.00 200.00 14.00	315.00 200.00 14.00	L	BAG	CPPC CPPM CPQP	PORTLAND (POST SET PI QUIKRETE P	LY ASH 75#			5.1	1900 BAG 1000 BAG 1000 EA	7.9900 5,1000 17.0000	2516.85 1020.00 238.00
				OK V				36				
				FILLED BY	CHECKED BY	DATE SHIPPED	DRIVER				Salas total	\$3774.85
				SHIP VIA	LINN COUNTY DEVED COMPLETE A	AND EN GOOD CONDITION		Taxable Non-taxa Tax#		3774.85 0.00	Sales tax	237.62

1 - Merchant Copy



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



HARVEY
BOBCAT OILFIELD SERVICES, INC.
3895
DALE JACKSON PRODUCTION CO.
4339

Core Run <u># 1</u>

Well#: E-3	
Location SW-SE, T: 20, S.R.:23	
County: UNN	
FSL: 560 675	
FEL: 1980 1982	
API#: 15-107-24285-00-00	
Started: 10-11-10	
Completed: 10-12-10	

				Completed: 10-12-10			
FT	Depth	Clock	Time	Formation/Remarks	Depth		
0	266		1				
1	267		1				
2	268		1				
3	269		1				
4	270		1.5				
5	271		1		. j		
6	272		1.5				
7	273		1.5	OIL SAND SOME SHALE (POOR BLEED) (WATER)	273'		
8	274		1.5	OIL SAND (LIMEY) (FAIR BLEED)	274'		
9	275		2	UME	275'		
10	276		2				
11	277		1.5		:		
12	278		1.5	OIL SAND (SOME SHALE) (FAIR BLEED)	•		
13	279		2	OIL SAND (SOME SHALE) (PAIR BLEED)	279'		
14	280		3	UME	280'		
15	281	<u> </u>	2				
ADD	JOINT						
16	282		1.5		Į		
17	283		1.5	DIL SAND (SOME SHALE) (FAIR BLEED)			
18	284		1.5	OIL SAND (VERY SHALEY) (FAIR BLEED)	283' 284_5'		
10	1						
19	285		1.5	OIL SAND (SHALEY) (FAIR BLEED)	285.5'		
20	286	<u> </u>	1.5	-	i .		
20	200		1.3	SANDY SHALE (OIL SAND STK.) (POOR BLEED)			
				1			
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Lease:	HARVEY					
Owner:	BOBCAT OILFIELD SERVICES, INC.					
OPR#:	3895	li-				
Contractor:	DALE JACKSON	PRODUCTION CO.				
OPR#:	4339					
Surface: 20FT, 6IN	Cemented: 5 SACKS	Hole Size: 8 3/4				
Longstring 338' 2 7/8'	Cemented: 50	Hole Size: 5 5/8				

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

Well #: E-3
Location SW-SE, T: 20, S.R.:23
County: LINN
FSL: 660 675
FEL: 1980 1982
API#: 15-107-24285-00-00
Started: 10-11-10
Completed: 10.13.10

Well Log

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

TKN	втм	Formation	TKN	втм	Formation
17.74	Depth	remedell		Depth	
1	1	TOP SOIL			
20	21	UME	· -		
9	30	BLACK SHALE	_		
20	50	UME			
3	53	SHALE	, , , , , , , , , , , , , , , , , , ,		
2	55	BLACK SHALE			
2	57	UME	-		
5	62	SHALE (LIMEY)			
6	68	LIME (OIL SHOW) (FLOW)			
4	72	SHALE			
4	75	SANDY SHALE (LIMEY)			,
35	111	SHALE	-		
16	127	SANDY SHALE (LIMEY)			
69	196	SHALE			
11	217	SHALE (UMEY)	 		
1	218	BLACK SHALE	-		
7	225	SHALE		-	
5	230	LIME (DRY SAND STK)			
24	254	SHALE			
8	262	LIME (FLOW) (OIL SHOW)			
	264	SANDY SHALE (LIMEY) (STRONG ODOR)			
2					
2	266	OIL SAND (SHALEY) (POR BLEED)			
7	273	OIL SAND (SOME SHALE) (POOR BLEED) (WATER)			
1	274	OIL SAND (UMEY) (FAIR BLEED)			
1	275	UME			
4	279	OIL (SAND) (SOME SHALE) (FAIR BLEED) UME			
1	280		<u> </u>	ļ	
3	283	OIL SAND (SOME SHALE) (FAIR BLEED)	ļ		
1.5	284.5	OIL SAND (VERY SHALEY) (FAIR BLEED)			
1	285.5	OIL SNAD (SHALEY) (FAIR BLEED)	<u> </u>		
1.5	287	SNADY SHALE (OIL SAND STK) (POOR BLEED)	<u> </u>		
2	289	OIL SAND (FARI BLEED) (SOME SHALE)			
1	290	OIL SAND (SHALEY) (FAIR BLEED)			
3	293	SANDY SHALE (OIL SAND STK) (WATER)	ļ		
4	297	OIL SAND (SOME SHALE) (POOR BLEED)			
2	299	SHALE (OIL SAND STK)	<u> </u>		
15	314	SHALE	<u> </u>		
3	317	COAL			
4	321	SHALE	L		
6	327	UME			
13	340	SHALE			
TD	342	UME			
]					