

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1047877

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
Name: Bobcat Oilfield Services, Inc.	Spot Description:
Address 1: 30805 COLD WATER RD	NE_NW_SW_SE_Sec. 5 Twp. 20 S. R. 23 V East West
Address 2:	995 Feet from North / 🗹 South Line of Section
City: LOUISBURG State: KS Zip: 66053 + 8108	B Feet from ▼ East /  West Line of Section
Contact Person: Bob Eberhart	Footages Calculated from Nearest Outside Section Corner:
Phone: ( 913 ) 285-0873	NE NW ZSE SW
CONTRACTOR: License # 4339	County: Linn
Name:Jackson, Dale E & Sue Ellen dba Dale E. Jackson Production	
Wellsite Geologist: N/A	Field Name: LaCygne-Cadmus
Purchaser: High Sierra Crude Oil	Producing Formation: Peru
Designate Type of Completion:	Elevation: Ground: 944 Kelly Bushing: 0
	Total Depth: 342 Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: 20 Feet
☐ Gas ☐ D&A	Multiple Stage Cementing Collar Used? Yes V No
☐ OG ☐ GSW ☐ Temp. Al	
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:	os dopur to.
Operator:	Delling Flyid Management Blan
Well Name:	Drilling Fluid Management Plan  (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content:ppm Fluid volume:bbls
Deepening Re-perf. Conv. to ENHR Conv. to	
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 #:	License #:
SWD Permit #:	
ENHR Permit #:	
GSW Permit #:	County: Permit #:
10/21/2010 10/22/2010 12/21/2010	
Spud Date or Date Reached TD Completion Date or Recompletion Date  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	
Geologist Report Received	
✓ UIC Distribution	
ALT I II Approved by: Deanna Garrison Date: 12/28/2010	

Side Two



Operator Name: Bob	Lease	Lease Name: Harvey			Well #: <u>C-2</u>				
Sec. 5 Twp. 20	Coun	ty: Linn							
INSTRUCTIONS: Shi time tool open and clo recovery, and flow rate line Logs surveyed. A	sed, flowing and shues if gas to surface te	t-in pressures, whet st, along with final c	her shut-in pre	essure read	ched static level,	hydrostatic pressu	ures, bottom h	nole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional S		☐ Yes 📝 N	lo	<b>√</b> Le	og Formation	n (Top), Depth and	I Datum		Sample
Samples Sent to Geol	logical Survey	_ Yes  ✓ N	lo	Nam Peru	8	5	Тор 272	GI	Datum L
Cores Taken Electric Log Run Electric Log Submitter (If no, Submit Copy	·-	✓ Yes  N ✓ Yes  N ✓ Yes  N	lo				<u>-</u>		
List All E. Logs Run:									
Gamma Ray/Neutron/0	CCL								
			SING RECORE		w Used	on, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)		/eight s. / 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
								].	
		ADDITIO	ONAL CEMEN	TING / SQL	JEEZE RECORD				
Purpose:  —— Perforate	Depth Top Bottom	Type of Cement	# Sac	cks Used	Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone	-			•					
Ting on Zone	-								
Shots Per Foot		ON RECORD - Bridge Footage of Each Interv		e		cture, Shot, Cement mount and Kind of Mat		rd	Depth
4	288-296 & 300-3	05			Acid 500 gal	7.5% HCL			
,			-1						
		· · ·				····			
TUBING RECORD:	Size:	Set At:	Packer	r At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN	HR. Producing	g Method: ng Pum	ping	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wat	er B	bls. G	as-Oil Ratio		Gravity .
DISPOSITI	ON OF GAS:		METHOD (	OF COMPLI	ETION:		PRODUCTI	ON INTER	VAL:
Vented Solo	Used on Lease	Open Hole	Perf.	Dually (Submit		mmingled mit ACO-4)			

Lease :	eliurveys:	
Owner:	Bobcat oilfield	services Inc
OPR#:	3895	
Contractor:	DALE JACKSON	РРООИСТІОН СО.
OPR#:	4339	A
Surface: 20FT, 6IN	Cemented: 5 SACKS	8 3/4
Longstring	Cemented:	Hole Size:

Dale Jackson Production Co.

Box 266, Mound City, Ks 66056

Cell # 620-363-2683

Office # 913-795-2991

		A COMMICKELY CONTRA				
. 4	Well g: C-20	343				
9	L'ocation: NW	SW_SE \$5-T20 R23E				
28 A	County: Linn	*				
MID	FSI: 990 QQ	5				
	(FEE: -2310 2318					
T	API#: 15-107-	24249-00-00				
	Started: 10-21-10					
	Completed: 10	)-22-10				
	TD: 342					

hydrill Well Log

' SN:	Packer:
NONE	
Plugged:	Bottom Plug:

TKN	8TM	Formation	TKN	втм	Formation
	Depth	•		Depth	1010000
1	1	Top soil			
2	3	Clay			Surface 10-21-10
27	30	Lime			
98	38	Black shale			Set time 4:00p.m.
19	57	Lime			Called 1:00p.m. Becky
5	62	Black shale			Called 1:00p.m. Becky
13	75	Lime			i
1	76	Black shale	<u> </u>	<u> </u>	Longstring 338' 2 7/8" hydrill
10	86	Sandy shale (limey	<u> </u>		
30	116	Shale			Catalona 2.20a —
10	126	Sandy shale(dry sand str)			Set time 2:30p.m.
96	222 .	Shale			Called Becky at 1:15p.m.
1	223	Black shale			1
6	229	Shale			TD342' — 10-22-10
7	236	Sandy shale (limey)			
26	262	Shale(some red bed)			
8	270	Lime (odor)			
2	272	Shale (limey)			
4	276	Oil sand (shaley)(poor bleed)(water)			
6	282	Oil sand (poor bleed)(water)			
1	283	Oil sand (water and some oil )(good bleed)			
1	284	Lime (some oil sand streaks)(poor bleed)			
2.5	286.5	Oil sand (some shale)good bleed)			
1	287.5	Sandy shale(limey)(no bleed)			
4	291.5	Oil sand (some shale )(good bleed)			
1	292.5	Sandy shale(some oil sand streak)(fair bleed)			
1.5	294	Oil sand shaley((good bleed)			
1	295	Sandy shale(oil sand str.)(fair bleed)			
2	297	Oil sand (some shale )(good bleed)			,
3	300	Sandy shale (poor bleed )			
1	301	Oil sand (some shale)(good bleed)			
.5	301.5	Shale			
2.5	304	Oil sand (some shale )(good bleed)			
2	306	Shale(oil sand str.)			
14	320	Shale			
2	322	Coal	L.		
7	329	Shale			
5	334	Lime			
TD	342	Shale			
			L		





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.
OPP #	4330

# Core Run #

(WEI) C 214	
Location: NW-SW-SE-S5-720-R23E	
County:Linn	
FSL:990 995	
FELIZ310 2318	
API#:15-107-24249-00-00	
Started: 10-21-10	
Completed: 10-22-10	

PR #:	4339			Completed, 10-22-10	
FT	Depth	Clock	Time	. Formation/Remarks	Depth
0	282			Oil sand (water and some oil) (good bleed)	
1	283		1	On Sairo (water and Some only (good preed)	283
	204		3.5	Lime (some oil sand streaks)(poor bleed)	284
2	284	<del></del>	3.5		-
3	285		2		
4	286		1	Oil sand (some shale)(good bleed)	286.5
5	287	<u> </u>	1.5		287.5
				Sandy shale (limey)(no bleed)	- 207.5
6	288		1.5		
7	289		1	Oil sand (some shale)(good bleed)	291.5
8	290		1		
9	291		1		
10	292		1	Sandy shale(some oil sand str.)(fair bleed)	292.5
11	293		1.5	<u></u>	-
12	294		1	Oil sand (shaley)(good Bleed)	294
1.3	295		1	Sandy shale (oil sand streak)(fair bleed)	295
14	296		1 .		
15	297		1.5	Oil sand (some shate)(good bleed	297
16	298		1.5		
17	299		1	Sandy shale (poor bleed )	300
18	300		1.5		300
19	301		1	Oil sand (some shale)(good bleed)	301
20	302		1	shale	301.5
					-
<u> </u>	<del> </del>			Oil sand (some shale)(good bleed)	

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 10/12/10 Ship Date: Instructions Involve Date: 10/14/10 Sale rap #: MAVERY MIKE Due Date: 11/05/10 Soid To: BOBCAT OILFIELD SRVC,INC Ship To: BOBCAT OILFIELD SAVC,INC C/O BOB EBERHART (913) 837-2823 **30805 COLDWATER RD** LOUISBURG, KS 68053 (913) 837-2823 Quatomer #: 3570021 Customar PO: Order By:

rogmispo, ORDER SHIP L DESCRIPTION EXTENSION U/M **ITEM**# Alt Price/Uom PRICE 245.00 L BAG PORTLAND CEMENT 1957.65 245.00 CPPC 7.8900 BAG 7.0900 1428.00 280.00 280.00 L BAG CPPM POST SET FLY ASH 76# 5.1000 BAG 5.1000 14.00 14.00 L EA CPQP QUIKRETE PALLETS 17.0000 EA 17.0000 238.00 OKRE Maria LACYANK CHECKED BY DATE SHIPPED \$3629.55 Sales total SHIP VIA LINN COUNTY - RECEIVED COMPLETE AND IN GOOD CONDITION 3623.55 Taxable Non-taxable 0.00 Seles tex 228.28 X

2 - Customer Copy