

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1053937

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 #	API No. 15
Name: Bobcat Oilfield Services, Inc.	Spot Description:
Address 1: _ 30805 COLD WATER RD	SW_NE_SW_SE_Sec. 5 Twp. 20 S. R. 23 ▼ East West
Address 2:	845 Feet from North / ✓ South Line of Section  1,988 Feet from ✓ East / West Line of Section
City: LOUISBURG State: KS Zip: 66053 + 8108	rectifoni V Last / West Line of Country
Contact Person: Bob Eberhart , 913 , 285-0873	Footages Calculated from Nearest Outside Section Corner:
Pnone: ()	□ NE □ NW ☑ SE □ SW
CONTRACTOR: License #_4339	County: Linn Harvey Harvey Woll # D-2
Name:Jackson, Dale E & Sue Ellen dba Dale E. Jackson Production Co.	Lease Name:
Wellsite Geologist: N/A	Field Name: LaCygne-Cadmus
Purchaser: High Sierra Crude Oil	Producing Formation: Peru
Designate Type of Completion:	Elevation: Ground: 947 Kelly Bushing: 0
✓ New Well Re-Entry Workover	Total Depth: 340 Plug Back Total Depth:
✓ oil	Amount of Surface Pipe Set and Cemented at: 20 Feet
Gas D&A ENHR SIGW	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: 333
Cathodic Other (Core, Expl., etc.):	feet depth to: 0 w/ 50 sx cmt.
If Workover/Re-entry: Old Well Info as follows:	location with the second secon
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 #:	Quarter Sec TwpS. R East West
ENHR Permit #:	
GSW Permit #:	County: Permit #:
12/21/2010 1/3/2011 4/18/2011	
Spud Date or Pate Reached TD Completion Date or Recompletion Date  Completion Date Reached TD 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 I III Approved by: NAOMI JAMES Date: 04/21/2011		

Side Two



Operator Name: <u>Bob</u>	<u>cat Oilfield Servi</u>	ces, Inc.	Lease Na	ame: 📙	iarvey	\	Well #:D-Z		
Sec. 5 Twp.20	s. r. <u>23</u>	✓ East  West	County:	Linn					
INSTRUCTIONS: Sho time tool open and clos recovery, and flow rate line Logs surveyed. Af	sed, flowing and shu s if gas to surface te	it-in pressures, whethe est, along with final cha	er shut-in pressu	ire reac	hed static level,	hydrostatic pressu	ıres, bottom l	nole tempe	rature, fluid
Drill Stem Tests Taken (Attach Additional S	iheets)	☐ Yes ☑ No		✓Lo	g Formation	n (Top), Depth and			ample
Samples Sent to Geole	ogical Survey	☐ Yes 🗸 No		Name Peru	)	2	Top 280	D GL	atum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)		✓ Yes □ No ✓ Yes □ No ✓ Yes □ No		. 0.0		-			
List All E. Logs Run:									
Gamma Ray/Neutron/C	CL								
		CASI	ING RECORD	Ne	w 🗸 Used				
		Report all strings	r				T	T _	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weigh Lbs. / F		Setting Depth	Type of Cement	# Sacks Used		and Percent Iditives
Surface casing	8.75	6.25	8		20	Portland	5		
Production casing	5.625	2.875	6		333	Portland/Fly Ash	50	60/40 F	Poz Mix
		ADDITIO	NAL CEMENTIN	G / SQU	EEZE RECORD				
Purpose:  —— Perforate	Depth Top Bottom	Type of Cement	# Sacks l	Jsed	Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone	-				and the same and t		nîn		
Shots Per Foot		ION RECORD - Bridge Footage of Each Interval				cture, Shot, Cement mount and Kind of Mat		rd	Depth
3	279-282 & 283-2	89			Acid 500 gal	7.5% HCL			
3	289-297								
3	300-305	•			<u> </u>				,
TUBING RECORD:	Size:	Set At:	Packer At:		Liner Run:	Yes No	:		
Date of First, Resumed	Production, SWD or EN	NHR. Producing Flowing	,,,,,,,,,		Gas Lift 🔲 C	other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wate	er B	bls. G	as-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:	•	METHOD OF	COMPLE	TION:		PRODUCT	ION INTER	/AL:
Vented Sold		Open Hole Other (Specific	Perf.	Dually (Submit A		nmingled mit ACO-4)			

Lease:	HARVEY	
Owner:	BOBCAT OILFII	LD SERVICES, INC
OPR#:	3895	1 / January
Contractor:	DALE JACKSON	PRODUCTION CO.
OPR#:	4339	
Surface: 20FT, 6IN	Cemented: 5 SACKS	Hole Size
Longstring 333' 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 #: D-2 <sub>SW,AHE</sub>
	Location: SE, NW, SW, SE, S:5,T20 SR,
	23, E
1	County: LINN
-	FSU 825 845
3	FEC:-2:145- 1989
9	API#: 15-107-24281-00-00
	Started: 12-21-10
	Completed: 1-3-11

Well Log

SN: 270 Packer: TD: 340'
Plugged: Bottom Plug:

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
2	2	TOPSOIL		7	
27	29	LIME	1.		
4	33	SHALE			SURFACE: 12-21-10
20	57	LIME	1		SET TIME: 4:00 P.M JUDY
4	61	BLACKSHALE			CALLED: 12:45 P.M.
13	74	LIME (GAS)	1		- C-101.
1	75	BLACKSHALE			LONGSTRING: 333' 2 7/8 8RD
10	85	SANDY SHALE	1		TD: 340'
30	115	SHALE			
12	127	SANDY SHALE (DRY SAND STK)	-		SETTIME: 2:00 P.M. 1-3-11
94	221	SHALE	1	T .	CALLED: 12:00 P.MALAN
1	222	COAL	-		· · · · · · · · · · · · · · · · · · ·
9	231	SHALE		1	<b>-</b>
5	236	UME	<del> </del>	1	
22	258	SHALE (SOME RED BED)	1	1	
10	268	LIME	1	1	
2.5	270.5	SHALE (OIL SAND STK FLOW)	1	1	
2	272.5	SANDY SHALE (OIL SAND STK FLOW)			· · · · · · · · · · · · · · · · · · ·
7	279.5	OIL SAND "WATER" (VERY LITTLE OIL)		1	and the second s
3.5	283	OIL SAND (OIL & WATER) (GOOD BLEED)	1		
1	284	LIME	1	<b></b>	
6.5	- 290.5	OIL SAND (GOOD BLEED) (SOME SHALE)	1	1 .	
1 .	291.5	OIL SAND (SHALEY) (GOOD BLEED)			
5	292	SANDY SHALE (SOME OIL SAND STREAKS)(POOR BLEED)			
5	297	OIL SAND (SOME SHALE) ( GOOD BLEED)		1	
3	300	OIL SAND (VERY SHALEY) (FAIR BLEED)	1		
4.5	304.5	OIL SAND (SOME SHALE)(GOOD BLEED)	1		
13.5	318	SHALE	1		
2	320	COAL	1	<b></b>	
5	325	SHALE		1	
10	335	UME	_	<u> </u>	
TD	340	SHALE		<del> </del>	
	<u> </u>		1.		
				i i	
	<del> </del>		7		
,			<b></b>		
	<del>                                     </del>		1		
	1		1		
	l		<del>                                     </del>	<b> </b>	
	<b> </b>	, , , , , , , , , , , , , , , , , , ,	7	1	
			1	†	A CONTRACTOR OF THE CONTRACTOR
		1	1	1	, and the state of
			1	<u> </u>	
			1-	T	
	A	<u> </u>		<u> </u>	<u> </u>



Lease :

Owner: OPR#:

Contractor:

HARVEY

BOBCAT OILFIELD SERVICES, INC.

DALE JACKSON PRODUCTION CO.



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

Core	Run	#1

Well #: D-2 <sub>WV, N</sub> E Location: SE, NW, SW, SE, S:5,T20 S	
Location: SE, NW, SW, SE, S:5,T20 S	R, 23, E
County: LINN	
FSL: 825 845	
FEL: 2,145 1988	
API#: 15-107-24281-00-00	
Started: 12-21-10	
Completed: 1-3-11	

DPR#: 4339			Completed: 1-3-11		
FT	Depth	Clock	Time	Formation/Remarks	Depti
0	272.5				
	272.5				
1	273.5	++	1.5		
2	274.5		1		1
	-				
3	275.5		1	OIL SAND "WATER" (VERY LITTLE OIL)	1.
4	276.5		1.5	•	
······································					
5	277.5		1.		
6	278.5		1.5		
	276.3		1.5		279.5
7	279.5		1.5		
8	280.5	÷	1.5	ÖİL SAND (ÖİL & WATER) (GÖÖD BLEED)	
9	281.5		1.5		
					.
10	282.5		1.5		283
11	283.5		3.5	UME	284
11	203.3	<u></u>	3.3		
12	284.5		1.5		
		2			
13	285.5		1,5	<b>,</b>	
14	286.5		1.5		
				OIL SAND (GOOD BLEED) (SOME SHALE)	
15	287.5	,	1		
16	288.5		1.5		
10	200.3	<u> </u>	1.3		
17	289.5		1.5		
	1				290.5
18	290.5	<del> </del>	1.5	OIL SAND (SHALEY) (GOOD BLEED)	291.5
19	291.5	<del> </del>	1.5	SANDY SHALE SOME OIL SAND STREAKS	292
			1	OIL SAND (SOME SHALE) (GOOD BLEED)	
20	292.5		1		
			<del></del>		
	<del> </del>		<del> </del>		- 1
	1	1 "		1	

\$3851.83

Avery Lumber
P.O. BOX 68
MOUND CITY, KS 66056
[913] 795-2210 FAX [913] 795-2194

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

Page: 1		Involce: 10026836
Special : Instructions :		Time: 15:22:42 Ship Date: 12/10/10 Involce Date: 12/15/10
Sale rep # MAVERY MIKE	Acct rep codé;	Due Date: 01/05/11
BOIS TO: BOBCAT OILFIELD SAVC,INC		OILFIELD SRVC,INC
C/O BOB EBERHART 80805 COLDWATER RD	(918) 837-2823	
LOUISBURG, KS 68063	(918) 837-2829	
Ominger 9570021	Olekson SO.	Oderbin.

popungat ORDER EXTENSION Alt Price/Uom PRICE U/M DESCRIPTION 245.00 245.00 BAG CPPC PORTLAND CEMENT 7.9900 BAG 7.9900 1957.55 280.00 280.00 L BAG CPPM POST SET FLY ASH 75# 5.1000 1428.00 5.1000 BAD 17.0000 14.00 14.00 L EA CPQP QUIKRETE PALLETS 17,0000 EA 238.00 DIRECT SHIPMENT 12.13.10 ORDERED BY TERRY CHECKED BY DATE SHIPPED DRIVER FILLED BY Sales total \$3623.55 LINN COUNTY RECEIVED COMPLETE AND IN GOOD CONDITION 3623.55 Taxable 0.00 Sales tax Non-taxable 228.28 Tax# TOTAL

1 - Merchant Copy