

Kansas Corporation Commission Oil & Gas Conservation Division

1049249

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 - 15-107-24242-00-00	
	d Services, Inc.		Spot Description:	
Address 1: 30805 COLD	WATER RD		SW_SE_SW_SE_Sec5 Twp20	_S. R. <u>23</u> ▼ East West
Address 2:			Feet from	orth / 🗹 South Line of Section
City: LOUISBURG	State: KS Z	p: 66053 + 8108 _	Feet from ▼ Ea	ast / West Line of Section
Contact Person: Bob Ebe	erhart		Footages Calculated from Nearest Outside	e Section Corner:
Phone: (913) 285-0	0873		. □ NE □ NW ☑ SE □	sw
CONTRACTOR: License #			County: Linn	
Name:Jackson, Dale E		E. Jackson Production Co.	Lease Name: Harvey	Well #: H-3
Wellsite Geologist: N/A			Field Name: LaCygne-Cadmus	
Purchaser: High Sierra C	rude Oil		Producing Formation: Peru	•
Designate Type of Complet	ion:		Elevation: Ground: 935 Kell	ly Bushing: 0
	Re-Entry	Workover	Total Depth: 340 Plug Back Total De	epth:
✓ Oil WSI		☐ SIOW	Amount of Surface Pipe Set and Cemented	
Gas D&A		☐ sigw	Multiple Stage Cementing Collar Used?	
□ oG	□ GSW	Temp. Abd.	If yes, show depth set:	Fee
CM (Coal Bed Metha	ne)		If Alternate II completion, cement circulate	
Cathodic Othe	er (Core, Expl., etc.):		feet depth to: 0w/s	50 sx cmt
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 T	otal Depth:	Chloride content: ppm FI	uid volume: bbls
Deepening	Re-perf. Conv. to	ENHR Conv. to SWD	Dewatering method used:	
	Conv. t			
Plug Back:	Plu	ug Back Total Depth	Location of fluid disposal if hauled offsite:	
Commingled			Operator Name:	
Dual Completion	Permit #:		Lease Name: L	icense #:
SWD	Permit #:		Quarter Sec Twp	S. R. ☐ East☐ Wes
☐ ENHR	Permit #:		County: Permit	
☐ GSW	Permit #:		County: Permit	#
12/15/2010	12/16/2010	1/4/2011		
Spud Date or D Recompletion Date	ate 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
☐ Geologist Report Received
☐ UIC Distribution
ALT I I III Approved by: Deanna Garrison Date: 01/14/2011

Side Two



Operator Name: Bob	<u>cat Oilfield Servi</u>	ces, Inc.	Lease Nan	_{ne:} Harvey		Well #:H-	3	
Sec. 5 Twp. 20	s. R. <u>23</u>	✓ East West	County: L	inn				
time tool open and clos	sed, flowing and shu s if gas to surface te	nd base of formations pen it-in pressures, whether s est, along with final chart(well site report.	hut-in pressure	e reached static level,	, hydrostatic pressi	ures, bottom l	hole temperature, flui	
Drill Stem Tests Taken (Attach Additional St	heets)	Yes No		✓ Log Formatio	on (Top), Depth and	l Datum	Sample	
Samples Sent to Geological Survey				Name eru		Тор 271	Datum GL	
Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)								
List All E. Logs Run:								
Gamma Ray/Neutron/Co	CL							
			_	New Used	tion, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface casing	8.75	6.25	8	20	Portland	5		
Production casing	5.625	2.875	6	334	Portland/Fly Ash	50	60/40 Poz Mix	
		ADDITIONAL	CEMENTING	/ SQUEEZE RECORD)			
Purpose: —— Perforate	Depth Top Bottom	Type of Cement	# Sacks Us	ed	Type and Percent Additives			
Protect Casing Plug Back TD								
Plug Off Zone	-							
Shots Per Foot	PERFORATI Specify	ON RECORD - Bridge Pluç Footage of Each Interval Per	gs Set/Type forated		acture, Shot, Cement amount and Kind of Mat		ord Depth	
3	277-281, 281-291	1,293-303		Acid 500 ga	1 7.5% HCL			
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TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed F	Production, SWD or EN	NHR. Producing Met	hod:	Gas Lift	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Water E	Bbls. G	ias-Oil Ratio	Gravity	
DISPOSITIO	ON OF GAS:		METHOD OF CO	OMPLETION:		PRODUCT	ION INTERVAL:	
Vented Sold	Used on Lease		✓ Perf.	Dually Comp. Co	mmingled			
(If vented, Sub	mit ACO-18.)	Other (Specify)	(S	ubmit ACO-5) (Sub	bmit ACO-4)			

Lease :	HARVEY		1				/ell #: H-3
Owner:	BOBCAT OILFI	LD SERVICES, INC.	75		do.	Te	ocation: SW, SE, SW, SE, S:5,T20 SR,
OPR#:	3895	7	Da	le Jackson	Production Co.	<u> 2:</u>	3, E
Contractor:	DALE JACKSON	PRODUCTION CO.	Вох	266, Mour	nd City, Ks 66056	2417 -	ounty: LINN
OPR#:	4339	A A II	1	Cell # 620)-363-2683	7 1 11	5L: 165 11do
Surface:	Cemented:	i sciences		Office # 91	3-795-2991		L: 1,845 1837
20FT, 6IN	5 SACKS	8 3/4			•	A	Pi#: 15-107-24242-00-00
Longstring	Cemented:	Hole Size:	1			St	arted: 12-15-10
334' 2 7/8	50	5 5/8				C	ompleted: 12-16-10
8RD HYDRILL			SN:	271'	Packer:		TD: 340'
	Well Lo	g	Plug	ged:	Bottom Plug:	7.	

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TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
2	2	TOPSOIL			
25	27	LIME	1.		1
4	31	SHALE			
3	34	BLACKSHALE			SURFACE: 12-15-10
23	57	UME			SET TIME: 4:30 P.M.
4	61	BLACKSHALE ,			CALLED: 1:30 P.M.
14	75	LIME (SHALEY)			
1	76	BLACKSHALE			LONGSTRING: 334' 2 7/8 8RD TD 340'
12	88	SANDY SHALE (LIMEY)	Π		- SET TIME: 2:30P.M.
30	118	SHALE			CALLED: 1:00 P.M. BECKY 12-16-10
16	134	SANDY SHALE (DRY SAND STK)			CALLED: 1:00 P.IVI. BECKY 12-10-10
91	225	SHALE]
1	226	BLACKSHALE]
6	232	SHALE]
5	237	LIME (SANDY)			
23	260	SHALE			
9	269	UME			
2.5	271.5	SHALE (LOT OF GAS) (RAINBOW)(HEAVY FLOW)			
5	276.5	OIL SAND (VERY SHALEY)(WATER & GAS)			
5.5	282	OIL SAND (GOOD BLEED) (SOME GAS)			
3.5	285.5	OIL SAND (HEAVY BLEED)			
1	286.5	OIL SAND (LIME STEAKS) (FAIR BLEED)(SOME WATER)			·
.5	287	LIME			
3.5	290.5	OIL SAND (GOOD BLEED)(SLIGHT SHOW OF WATER)			
1.5	292	SANDY SHALE (SOME OIL SAND STEAKS)(POOR BLEED)			
2.5	294.5	OIL SAND (SOME SHALE) (GOOD BLEED)			
1	295.5	OIL SAND (SHALEY) (GOOD BLEED)			
1.5	297	SANDY SHALE (SOME OIL SAND STEAKS)			
1	298.5	SANDY SHALE (SOME OIL SAND STEAKS) (POOR BLEED)			
2.5	301	OIL SAND (SHALEY) (GOOD BLEED)		ļ	
5	306	SHALE (OIL SAND STK)		l	
13	319	SHALE			
2	321	COAL			
7	328	SHALE			
9	337	UME			
TD	340	SHALE		<u> </u>	
			<u> </u>		
			1		
				ļ <u> </u>	
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Lease : Owner: OPR#:



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.

Core R	lun	#1
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Well #: H-3	
Location: SW	, SE, SW, SE, S:5,T20 SR, 23, E
County: LINN	İ
FSL:-165	ldo
FEL: 1,845	1837
API#: 15-107	7-24242-00-00
Started: 12-1	5-10
Completed: 1	12-16-10

PR#: 4339		Completed: 12-16-10					
FT	Depth	Clock	Time		Formation/Rema	rks	Depth
0	279.5						
]		•	
1	280.5		1	OIL SAND (GC	OOD BLEED)		
2	281.5		1	1			İ
-	201.5		<u> </u>	1			282
3	282.5		1				- 202
				1			ĺ
4	283.5		1.5	OIL SAND (HE	AVY BLEED)	•	l
5	284.5		1				
-	284.3		ļ <u>.</u>				
6	285.5		1				285.5
7	286.5		1.5		ME STREAKS) (FAIR BLEED) (SOME WATER)		286.5
8	287.5		2	LIME			287
	207.3		-			•	
9	288.5		1				
				OIL SAND (GC	OOD BLEED) (SLIGHT SHOW OF WATER)		
10	289.5		1.5		•		
	700 5				•		200 5
11	290.5		1				290.5
12	291.5		1.5	SANDY SHALE	(SOME OIL SAND STREAKS) (POOR BLEED)		•
				1			202
13	292.5		1.5				292
	1232.5						ŀ
14	293.5		1	OIL SAND (SO	ME SHALE) (GOOD BLEED)		
] .			j
15	294.5		1.5				294.5
16	295.5		1.5	OIL SAND ISH	ALEY) (GOOD BLEED)		295.5
10	253.5	····	 	0.20.000 (0/1		<u>, , , , , , , , , , , , , , , , , , , </u>	
17	296.5		2	SANDY SHALE	(SOME OIL SAND STREAK) (POOR BLEED)	•	ł
							297
18	297.5		2	OIL SAND (SH	ALEY) (GOOD BLEED)		297.5
19	298.5	,	2		(SOME OIL SAND STREAKS) (POOR BLEED)		298.5
				OIL SAND (SH	ALEY) (GOOD BLEED)		
20	299.5		1.5	-			
	+			1			
	1		ļ	1			

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!

Involce: 10026836 Page: 1 15:22:42 Special 12/10/10 Ship Date: instructions Invoice Date: 12/15/10 Due Date: 01/05/11 Sale rep #: MAVERY MIKE Appl rsp code: BOID TO: BOBCAT OILFIELD SAVC,INC SHID TO: BOBCAT OILFIELD SRVC,INC C/O BOB EBERHART (915) 637-2823 80805 COLDWATER RD LOUISBURG, KS 66053 (813) 837-2823 Customer #: 3570021 Customer PO: Order By:

EXTENSION PRICE ORDER SHIP L U/M ITEM# DESCRIPTION Alt Price/Uom 1957.55 245.00 245.00 BAG CPPC PORTLAND CEMENT 7.9900 BAG 7.9900 5.1000 280.00 280.00 BAG CPPM POST SET FLY ASH 75# 5.1000 BAD 17.0000 14.00 14.00 EΑ CPOP QUIKRETE PALLETS 17.0000 EA

1428.00 238.00 DIRECT SHIPMENT 12.13.10 DEDECTO BY TERRY FILLED 8Y CHECKED BY DATE SHIPPED Sales total \$3623.55 SHIP VIA LINN COUNTY RECEIVED COMPLETE AND IN GOOD CONDITION 3623.55 Taxable 0.00 Sales tax Non-taxable 228.28 Tex# X \$3851.83 TOTAL

1 - Merchant Copy