

KANSAS CORPORATION COMMISSION 1047956  
OIL & GAS CONSERVATION DIVISION

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  
Name: Bobcat Oilfield Services, Inc.  
Address 1: 30805 COLD WATER RD  
Address 2:  
City: LOUISBURG State: KS Zip: 66053 + 8108  
Contact Person: Bob Eberhart  
Phone: ( 913 ) 285-0873  
CONTRACTOR: License # 4339  
Name: Jackson, Dale E & Sue Ellen dba Dale E. Jackson Production Co.  
Wellsite Geologist: N/A  
Purchaser: High Sierra Crude Oil

Designate Type of Completion:

- ☒ New Well ☐ Re-Entry ☐ Workover  
☐ Oil ☐ WSW ☐ SWD ☐ SIOW  
☐ Gas ☐ D&A ☒ ENHR ☐ SIGW  
☐ OG ☐ GSW ☐ Temp. Abd.  
☐ CM (Coal Bed Methane)  
☐ Cathodic ☐ Other (Core, Expl., etc.):

If Workover/Re-entry: Old Well Info as follows:

Operator:  
Well Name:  
Original Comp. Date: Original Total Depth:  
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD  
☐ Conv. to GSW  
☐ Plug Back: Plug Back Total Depth  
☐ Commingled Permit #:  
☐ Dual Completion Permit #:  
☐ SWD Permit #:  
☐ ENHR Permit #:  
☐ GSW Permit #:

10/19/2010 10/20/2010 12/28/2010  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 15-107-24292-00-00  
Spot Description:  
SW SW SE Sec. 5 Twp. 20 S. R. 23 ☒ East ☐ West  
321 Feet from ☐ North / ☒ South Line of Section  
2,325 Feet from ☒ East / ☐ West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
☐ NE ☐ NW ☒ SE ☐ SW  
County: Linn  
Lease Name: Harvey Well #: G-2  
Field Name: LaCygne-Cadmus  
Producing Formation: Peru  
Elevation: Ground: 927 Kelly Bushing: 0  
Total Depth: 342 Plug Back Total Depth:  
Amount of Surface Pipe Set and Cemented at: 20 Feet  
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No  
If yes, show depth set: Feet  
If Alternate II completion, cement circulated from: 338  
feet depth to: 0 w/ 50 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: ppm Fluid volume: bbls  
Dewatering method used:  
Location of fluid disposal if hauled offsite:  
Operator Name:  
Lease Name: License #:  
Quarter Sec. Twp. S. R. ☐ East ☐ West  
County: Permit #:

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 ☐ III Approved by: Deanna Garrison Date: 12/29/2010



1047956

Operator Name: Bobcat Oilfield Services, Inc. Lease Name: Harvey Well #: G-2  
 Sec. 5 Twp. 20 S. R. 23 ☒ East ☐ West County: Linn

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Gamma Ray/Neutron/CCL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width: 100%;"> <tr> <td style="width: 33%;">Name</td> <td style="width: 33%;">Top</td> <td style="width: 33%;">Datum</td> </tr> <tr> <td>Peru</td> <td>264</td> <td>GL</td> </tr> </table>	Name	Top	Datum	Peru	264	GL
Name	Top	Datum					
Peru	264	GL					

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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	338	Portland/Fly Ash	50	60/40 Poz Mix

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	270-280 & 284-294	Acid 500 gal 7.5% HCL	

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.			Producing Method:		
			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Lease :	Harvey.	
Owner:	Bobcat oilfield services Inc.	
OPR #:	3895	
Contractor:	DALE JACKSON PRODUCTION CO.	
OPR #:	4339	
Surface:	Cemented:	Hole Size:
20FT, 6IN	5 SACKS	8 3/4
Longstring	Cemented:	Hole Size:
338 2 7/8	50	5 5/8
HYDRILL		

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



Well #:	G-2
Location:	SW SW SE S5 T20 23E
County:	Linn
FSL:	330 321
FEL:	2310 2325
API#:	15-107-24292-00-00
Started:	10-19-10
Completed:	10-20-10

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

## Well Log

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
1	1	TOP SOIL			
17	18	LIME			
4	22	SHALE			
6	28	BLACK SHALE			
20	48	LIME			
2	50	SHALE			
2	52	BLACK SHALE			
8	60	LIME (SHALEY)			
5	65	LIME			
1	66	BLACK SHALE			
11	77	SHALE (LIMEY)			
29	106	SHALE			
16	122	SANDY SHALE (DRY SAND STK)			
94	216	SHALE			
1	217	BLACK SHALE			
6	223	SHALE			
6	229	LIME (DRY SAND STK)			
21	250	SHALE (SOME RED BED)			
10	260	LIME (ODOR) (SHALEY)			
2	262	SANDY SHALE			
2	264	SANDY SHALE (OIL SAND STK)			
2	266	OIL SAND (SHALEY) (POOR BLEED) (WATER)			
2	268	OIL SAND (FAIR BLEED) (SOME WATER)			
6.5	274.5	OIL SAND (GOOD BLEED)			
7.5	282	OIL SAND (SOME SHALE (GOOD BLEED) (SOME WATER)			
1.5	283.5	SANDY SHALE (SOME OIL SAND STK) (POOR BLEED)			
1	284.5	OIL SAND (SHALEY) (FRACTOR) (GOOD BLEED) (LITTLE WATER)			
2	286.5	OIL SAND (SHOME SHALE) (GOOD BLEED) (A LITTLE WATER)			
1.5	288	SANDY SHALE (OIL SAND STKS) (POOR BLEED)			
.5	288.5	OIL SAND (SHALEY) (GOOD BLEED)			
.5	289	SANDY SHALE (POOR BLEED)			
1.5	290.5	OIL SAND (SHALEY) (GOOD BLEED)			
1	291.5	SHALE			
1.5	293	OIL SAND (SOME SHALE) (GOOD BLEED)			
2	295	OIL SAND (SHALEY) (BLACK SAND STK) (FAIR BLEED)			
2	297	SHALE (OIL SAND STK)			
14	311	SHALE			
3	314	COAL			
6	320	SHALE			
6	326	LIME			
13	339	SHALE (LIMEY)			
TD	342	LIME			

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



Core  
Run # 1

<b>Lease :</b>	<b>Harvey</b>
<b>Owner:</b>	<b>Bobcat oilfield services Inc.</b>
<b>OPR #:</b>	<b>3895</b>
<b>Contractor:</b>	<b>DALE JACKSON PRODUCTION CO.</b>
<b>OPR #:</b>	<b>4339</b>

Well #: G-2 SW
Location: SW SW SE S5 T20 23E
County: Linn
FSL: 330 321
FEL: 2310 2325
API#: 15-107-24292-00-00
Started: 10-19-10
Completed: 10-20-10

[illegible]

**Avery Lumber**P.O. BOX 66  
MOUND CITY, KS 66056  
(913) 795-2210 FAX (913) 795-2194Customer Copy  
**INVOICE**PLEASE REFER TO INVOICE NUMBER  
ON ALL CORRESPONDENCE

Page: 1

Invoice: 10024773

Special :  
Instructions :

913-837-4159

Time: 13:53:41

Ship Date: 10/12/10

Invoice Date: 10/14/10

Due Date: 11/05/10

Sale rep #: MAVERY MIKE

Acct rep code:

Sold To: BOBCAT OILFIELD SRVC, INC

Ship To: BOBCAT OILFIELD SRVC, INC

C/O BOB EBERHART

(913) 837-2823

30805 COLDWATER RD

(913) 837-2823

LOUISBURG, KS 66053

Customer #: 3570021

Customer PO:

Order By:

ORDER	SHIP	L	U/M	ITEM#	DESCRIPTION	Alt Price/Uom	PRICE	EXTENSION
245.00	245.00	L	BAG	CPPC	PORTLAND CEMENT	7.8900 BAG	7.8900	1857.65
280.00	280.00	L	BAG	CPPM	POST SET FLY ASH 75#	5.1000 BAG	5.1000	1428.00
14.00	14.00	L	EA	CPQP	QUIKRETE PALLETS	17.0000 EA	17.0000	238.00
<div>OKRE</div> <div>Harvey</div> <div>G-2</div> <div>DIRECT DELIVERED TO LACYANK</div> <div>ORDERED BY TERRY</div> <div>INVOICE</div> <div>Total 8977.97</div>								
<div>FILLED BY</div> <div>CHECKED BY</div> <div>DATE SHIPPED</div> <div>DRIVER</div> <div>SHIP VIA LINN COUNTY</div> <div>RECEIVED COMPLETE AND IN GOOD CONDITION</div> <div>X</div>						<div>Sales total \$3623.55</div> <div>Taxable 3623.55</div> <div>Non-taxable 0.00</div> <div>Tax #</div> <div>Sales tax 228.28</div>		

2 - Customer Copy

