

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
October 2008

Form Must Be Typed

Rec'd from UIC  
on 11/13/09.

OPERATOR: License # 3895  
Name: Bobcat Oilfield Services, Inc.  
Address 1: 30805 Coldwater Rd.  
Address 2: \_\_\_\_\_  
City: Louisburg State: KS Zip: 66053 + \_\_\_\_\_  
Contact Person: Bob Eberhart  
Phone: ( 913 ) 837-2823  
CONTRACTOR: License # 4339  
Name: Dale E. Jackson Production, Inc.  
Wellsite Geologist: \_\_\_\_\_  
Purchaser: High Sierra Crude Oil and Marketing, LLC

Designate Type of Completion:  
 New Well    \_\_\_\_\_ Re-Entry    \_\_\_\_\_ Workover  
\_\_\_\_\_ Oil    \_\_\_\_\_ SWD    \_\_\_\_\_ SIOW  
\_\_\_\_\_ Gas     ENHR    \_\_\_\_\_ SIGW  
\_\_\_\_\_ CM (Coal Bed Methane)    \_\_\_\_\_ Temp. Abd.  
\_\_\_\_\_ Dry    \_\_\_\_\_ Other \_\_\_\_\_  
*(Core, WSW, Expl., Cathodic, etc.)*

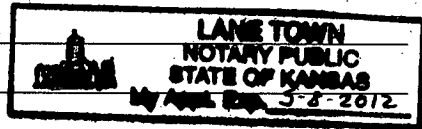
If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
\_\_\_\_\_ Deepening    \_\_\_\_\_ Re-perf.    \_\_\_\_\_ Conv. to Enhr.    \_\_\_\_\_ Conv. to SWD  
\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth  
\_\_\_\_\_ Commingled    Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Dual Completion    Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?)    Docket No.: \_\_\_\_\_  
6/01/09                      6/02/09                      10/01/09  
Spud Date or                      Date Reached TD                      Completion Date or  
Recompletion Date                                                                Recompletion Date

API No. 15 - 15-107-24063-00-00  
Spot Description: NE/4  
SE NE E2 E2 NW NE Sec. 8 Twp. 20 S. R. 23  East  West  
4620 4648 Feet from  North /  South Line of Section  
1895 1415 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Linn  
Lease Name: Snyder Well #: S-16  
Field Name: LaCygne-Cadmus  
Producing Formation: Peru  
Elevation: Ground: 939 Kelly Bushing: N/A  
Total Depth: 341 Plug Back Total Depth: 4'  
Amount of Surface Pipe Set and Cemented at: 20.6 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 20.6  
feet depth to: Surface w/ 5 sx cmt.

Drilling Fluid Management Plan AH II NCR 12-15-09  
*(Data must be collected from the Reserve Pit)*  
Chloride content: 1500-3000 ppm Fluid volume: 80 bbls  
Dewatering method used: on lease  
Location of fluid disposal if hauled offsite:  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.  
Signature: [Signature]  
Title: Agent Date: \_\_\_\_\_  
Subscribed and sworn to before me this 6<sup>th</sup> day of November,  
20 09.  
Notary Public: [Signature]  
Date Commission Expires: 5-8-2012



KCC Office Use ONLY *(Alr. assign. to JTC on 11/10/09)*  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
RECEIVED  
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UIC Distribution  
NOV 09 2009

Operator Name: Bobcat Oilfield Services, Inc. Lease Name: Snyder Well #: S-16  
 Sec. 8 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 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 <i>(Submit Copy)</i>  List All E. Logs Run: <b>GammaRay/Neutron/CCL</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input checked="" type="checkbox"/> New <input 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	9	8 3/4"		20.6	Portland	5	
Completion	5 5/8"	2 7/8"		<b>337</b>	Portland	50	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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
2	287.0 - 297.0 41 Perfs	Acid Fracture 287.0 - 297.0	

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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 _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Lease:	DNTDEK	
Owner:	BOBCAT OILFIELD SERVICES, INC	
OPR #:	3895	
Contractor:	DALE JACKSON PRODUCTION CO.	
OPR #:	4339	
Surface:	Cemented:	Hole Size:
20 FT 6IN	5 SACKS	8 3/4
Longstring:	Cemented:	Hole Size:
337' 2 7/8	50 SACKS	5 5/8

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

Well #: Q-16
Location: E2-NW-NE, S:8, T:20, S.R.:23, E
County: LINN
FSL: 4620
FEL: 1395
API#: 15-107-24063-00-00
Started: 6/1/09
Completed: 6/2/09
TD: 341

SN: NONE	Packer:
Plugged:	Bottom Plug:

### Well Log

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
2	2	TOP SOIL			
25	27	LIME			
5	32	SHALE			
3	35	BLACK SHALE			
20	55	LIME			
2	57	SHALE			
2	59	BLACK SHALE			
3	62	LIME			
5	67	SHALE			
5	72	LIME			
1	73	BLACK SHALE			
37	110	SHALE			
31	141	SANDY SHALE			
90	231	SHALE			
2	233	BLACK SHALE			
4	237	LIME			
24	261	SHALE			
8	269	LIME (OIL SHOW)			
4	273	OIL SAND (SHALEY) (POOR BLEED) (FLOW)			
4	277	OIL SAND (FAIR BLEED) (SOME WATER)			
19.5	296.5	OIL SAND (SEE CORE)			
2.5	299	OIL SAND (SHALEY) (FAIR BLEED)			
2	301	SHALE (OIL STR)			
6	307	OIL SAND (SHALEY) (FAIR BLEED)			
11	318	SHALE			
1	319	COAL			
6	325	SHALE			
9	334	LIME			
TD	341	SHALE			

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



S-16

Lease :	SNYDER
Owner:	BOBCAT OILFIELD SERVICES, INC
OPR #:	3895
Contractor:	DALE JACKSON PRODUCTION CO.
OPR #:	4339

# Core Run # 1

Well #:	Q-16
Location:	E2-NW-NE, S:8, T:20, S.R.:23, E
County:	LINN
FSL:	4620
FEL:	1395
API#:	15-107-24063-00-00
Started:	6/1/09
Completed:	6/2/09

FT	Depth	Clock	Time	Formation/Remarks	Depth
	277				
	278		5	OIL SAND (SHALEY) (POOR BLEED) (WATER)	
	279		4		278.2
	280		3	OIL SAND (GOOD BLEED) (WATER)	
	281		3	OIL SAND (POOR BLEED) (WATER)	280.2
ADDED	JOINT				281.4
	282		2	OIL SAND (GOOD BLEED)	282.9
	283		4		
	284		3		
	285		3.5		
	286		3.5	LIME	286.8
	287		4.5		
	288		5.5	OIL SAND (GOOD BLEED) (SHALEY)	287.8
	289		3		
	290		2	OIL SAND (HEAVY BLEED)	289.2
	291		3	OIL SAND (FAIR BLEED)	290.9
	292		2.5	OIL SAND (SAHLEY) (POOR BLEED)	292
	293		4.5	OIL SAND (FAIR BLEED)	294.2
	294		2		
	295		2.5		
	296		3		
	297		4	OIL SAND (SHALEY) (GOOD BLEED)	295.8
				OIL SAND (SHALEY) (FAIR BLEED)	296.4

287-297

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# 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

Page: 1		Invoice: <b>10009309</b>
Special :		Time: 18:25:04
Instructions :		Ship Date: 05/18/09
		Invoice Date: 05/20/09
Sale rep #: <b>MAVERY MIKE</b>	Acct rep code:	Due Date: 06/05/09
Sold To: <b>BOBCAT OILFIELD SRVC,INC</b> <b>C/O BOB EBERHART</b> <b>30805 COLDWATER RD</b> <b>LOUISBURG, KS 66053</b>		Ship To: <b>BOBCAT OILFIELD SRVC,INC</b> (913) 837-2823  (913) 837-2823
Customer #: <b>3570021</b>	Customer PO:	Order By: <b>BOB EBERHEART</b>

**REPRINT**

ORDER	SHIP	L	U/M	ITEM#	DESCRIPTION	Alt Price/Uom	PRICE	EXTENSION
210.00	210.00	L	BAG	CPPC	PORTLAND CEMENT	7.9900 BAG	7.9800	1677.90
320.00	320.00	L	BAG	CPPM	POST SET FLY ASH 75#	5.1900 BAG	5.1800	1660.80
4.00	4.00	L	EA	CPQP	QUIKRETE PALLETS	17.0000 EA	17.0000	68.00
					SHIPPED 14 PALLETS WITH LOAD RETURNED 10 PALLETS FROM PREVIOUS LOAD ONLY CHARGED FOR 4 PALLETS			

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DUPLICATE

	FILLED BY _____ CHECKED BY _____ DATE SHIPPED _____ DRIVER _____ SHIP VIA LINN COUNTY RECEIVED COMPLETE AND IN GOOD CONDITION _____ X	Taxable 3406.70 Non-taxable 0.00 Tax #.	Sales total \$3406.70  Sales tax 180.56
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**TOTAL \$3587.26**

**2 - Customer Copy**



**MIDWEST SURVEYS**  
 LOGGING - PERFORATING - CONSULTING SERVICES  
 P.O. Box 68, Osawatomie, KS 66064  
 913 / 755 - 2128

**GAMMA RAY / NEUTRON / CCL**

File No.

API # 15-107-24.063

Company **Bobcat Oilfield Services, Inc.**  
 Well **Snyder No. S-16**  
 Field **LaCygne - Cadmus**  
 County **Linn** State **Kansas**

Location

**4645' FSL & 1415' FEL  
 E/2-E/2-NW-NE**

Sec. **8** Twp. **20s** Rge. **23e**  
 Permanent Datum **GL** Elevation **NA**  
 Log Measured From **GL**  
 Drilling Measured From **GL**

Other Services

Perforate

Elevation

K.B. NA  
 D.F. NA  
 G.L. NA

Date	6-29-2009
Run Number	One
Depth Driller	341.0
Depth Logger	336.0
Bottom Logged Interval	334.0
Top Log Interval	20.0
Fluid Level	Full
Type Fluid	Water
Density / Viscosity	NA
Salinity - PPM Cl	NA
Max Recorded Temp	NA
Estimated Cement Top	0.0
Equipment No.	107
Location	Osawatomie
Recorded By	Steve Windisch
Witnessed By	Bob Eberhart

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BORE-HOLE RECORD				CASING RECORD			
RUN	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	8.75"	0.0	20.0	6.00"		0.0	20.0
Two	5.625"	20.0	341.0	2.875"	HY-Drill	0.0	337.0

^^^ Fold Here ^^^