



KANSAS CORPORATION COMMISSION 1049247  
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 #: \_\_\_\_\_

<u>12/14/2010</u>	<u>12/15/2010</u>	<u>1/4/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-107-24243-00-00

Spot Description: \_\_\_\_\_  
SE SE SW SE Sec. 5 Twp. 20 S. R. 23  East  West  
162 Feet from  North /  South Line of Section  
1,512 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Linn

Lease Name: Harvey Well #: H-4

Field Name: LaCygne-Cadmus

Producing Formation: Peru

Elevation: Ground: 942 Kelly Bushing: 0

Total Depth: 350 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: 341

feet depth to: 0 w/ 50 sx cmf.

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: 01/14/2011

*Lead*



1049247

Operator Name: Bobcat Oilfield Services, Inc. Lease Name: Harvey Well #: H-4  
 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 Wire-line 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%; border: none;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Peru</td> <td>279</td> <td>GL</td> </tr> </table>	Name	Top	Datum	Peru	279	GL
Name	Top	Datum					
Peru	279	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	341	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 <i>(Amount and Kind of Material Used)</i>	Depth
3	288-294 & 294-304	Acid 500 gal 7.5% HCL	

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 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) _____	PRODUCTION INTERVAL: _____ _____
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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:
341 2 7/8	50	5 5/8
BRD		
HYDRILL		

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

Well #: H-4
Location: SE, SE, SW, SE, S:5,T20 SR, 23, E
County: LINN
FSL: 165 <i>162</i>
FEL: 1-485 <i>1512</i>
API#: 15-107-24243-00-00
Started: 12-14-10
Completed: 12-15-10

SN: 278'	Packer:	TD: 350
Plugged:	Bottom Plug:	

### Well Log

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
1	1	TOPSOIL	10	343	LIME (SHALEY)
1	2	CLAY	TD	350	SHALE
29	31	LIME			
3	36	SHALE			
3	39	BLACKSHALE			
22	61	LIME			
2	64	SHALE			
9	68	BLACKSHALE			
2	70	LIME			
5	75	SHALE			
4	49	LIME			
1	80	BLACKSHALE			
18	98	SHALE (SANDY)			
24	122	SHALE			
4	126	SANDY (SHALEY) (DRY)			
9	135	SANDY SHALE			
99	224	SHALE			
1	225	BLACKSHALE			
13	238	SHALE			
6	244	LIME			
23	267	SHALE			
8	275	LIME			
4	279	LIGHT SHALE (LIMEY)			
5	284	OIL SAND (SHALEY) (FAIR BLEED) (SOME WATER)			
2	286	OIL SAND (SOME SHALE) (FAIR BLEED) (GAS & WATER) (HARD FLOW)			
5	291	OIL SAND (FAIR BLEED) (SOME WATER)			
3.5	294.5	OIL SAND (OIL & WATER) (GOOD BLEED)			
.5	295	LIME			
3	298	OIL SAND (OIL & WATER) (GOOD BLEED)(SOME LIME STEAKS)			
2	300	OIL SAND (GOOD BLEED)			
1	301	SANDY SHALE			
2.5	303.5	OIL SAND (SOME SHALE)			
1	304.5	OIL SAND (VERY SHALEY)( FAIR BLEED)			
1	305.5	SANDY SHALE			
.5	306	OIL SAND (SHALEY)(GOOD BLEED)			
1	307	SANDY SHALE (SOME OIL SAND STREAKS)			
1	308	OIL SAND (SOME SHALE)(VERY HARD SAND)(SOME COAL FLAKES)			
1	309	SHALE			
.5	309.5	OIL SAND SHALE (FAIR BLEED)			
15.5	325	SHALE			
2	327	COAL			
6	333	SHALE			

**SURFACE: 12-14-10 JUDY**  
**SET TIME: 5:30 P.M.**  
**CALLED: 2:30 P.M.**

**LONGSTRING: 341' 2 7/8 BRD TD 350'**  
**SET TIME: 3:00 P.M.**  
**CALLED: 1:30 P.M. 12-15-10**



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 Box 266, Mound City, Ks 66056  
 Cell # 620-363-2683  
 Office # 913-795-2991

Well #: H-4
Location: SE, SE, SW, SE, S:5,T20 SR, 23, E
County: LINN
FSL: 165 162
FEL: 1,485 15/2
API#: 15-107-24243-00-00
Started: 12-14-10
Completed: 12-15-10

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

## Core Run #1

FT	Depth	Clock	Time	Formation/Remarks	Depth
0	291				
1	292		1		
2	293		1	OIL SAND (OIL & WATER) (GOOD BLEED)	
3	294		1.5		294.5
4	295		2.5	LIME	295
5	296		1.5		
6	297		2.5	OIL SAND (OIL & WATER)(GOOD BLEED)(SOME LIME STREAKS)	
7	298		2		298
8	299		1	OIL SAND (GOOD BLEED)	
9	300		1.5		300
10	301		1.5	SANDY SHALE (VERY LITTLE OIL)	301
11	302		2		
12	303		1	OIL SAND (SOME SHALE) (GOOD BLEED)	303.5
13	304		1.5	OIL SAND (VERY SHALEY) (FAIR BLEED)	304.5
14	305		1.5	SANDY SHALE	305.5
15	306		1.5	OIL SAND (SHALEY) (GOOD BLEED)	306
16	307		1.5	SANDY SHALE (SOME OIL SAND STREAKS)	307
17	308		1.5	OIL SAND (SOME SHALE) (FAIR BLEED) (VERY HARD SAND) (SOME COAL FLAKES)	308
18	309		1.5	SHALE	309
				OIL SAND (SHALEY) (FAIR BLEED)	309.5
19	310		1.5	SHALE	
20	311		2		

**Avery Lumber**  
 P.O. BOX 66  
 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	Invoice: 10026836
Special :	Time: 15:22:42
Instructions :	Ship Date: 12/10/10
	Invoice Date: 12/15/10
Sale rep #: MAVERY MIKE	Due Date: 01/05/11
	Acct rep code:
Sold To: BOBCAT OILFIELD SRVC,INC C/O BOB EBERHART 30806 COLDWATER RD LOUISBURG, KS 68063	Ship To: BOBCAT OILFIELD SRVC,INC (913) 837-2823 (913) 837-2823
Customer #: 3570021	Customer PO: Order By:

ORDER	SHIP	L	U/M	ITEM#	DESCRIPTION	Alt Price/Uom	PRICE	EXTENSION
246.00	245.00	L	BAG	CPPC	PORTLAND CEMENT	7.8900 BAG	7.8900	1957.55
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	CPOP	QUIKRETE PALLETS	17.0000 EA	17.0000	238.00
					DIRECT SHIPMENT 12-13-10 ORDERED BY TERRY Harvey 4-4 12-15			

**INVOICE**

FILLED BY	CHECKED BY	DATE SHIPPED	DRIVER	Sales total	\$3623.55
SHIP VIA LINN COUNTY				Taxable	3623.55
RECEIVED COMPLETE AND IN GOOD CONDITION				Non-taxable	0.00
X				Sales tax	228.28
<b>TOTAL</b>					<b>\$3851.83</b>

1 - Merchant Copy

