

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1049255

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 # 389	15		API No. 15 - 15-107-24233-00-00
Name: Bobcat Oilfield S			Spot Description:
Address 1: 30805 COLD WA	TER RD		NE_SW_SW_SE_Sec. 5 Twp. 20 S. R. 23 ▼ East West
Address 2:			504 Feet from North / South Line of Section
City: LOUISBURG		. 66053 _ 8108	2,154 Feet from ▼ East / □ West Line of Section
Contact Person: Bob Eberha			Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 285-087			□ NE □ NW ☑ SE □ SW
CONTRACTOR: License #_4	 339		County: Linn
Name:Jackson, Dale E & S		Jackson Production Co.	Lease Name: Harvey Well #: F-2
	30 Elloll 330 Elloll	. addition / rouddien co.	Field Name: LaCygne-Cadmus vveii #:
Wellsite Geologist: N/A	- Oil		
Purchaser: High Sierra Crud	e Oii		Producing Formation: Peru
Designate Type of Completion:			Elevation: Ground: 934 Kelly Bushing: 0
✓ New Well	Re-Entry [	Workover	Total Depth: 330 Plug Back Total Depth:
☑ oil ☐ wsw	SWD	SIOW	Amount of Surface Pipe Set and Cemented at: 20 Fee
☐ Gas ☐ D&A	☐ ENHR	. □ sigw	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
☐ OG	☐ GSW	Temp. Abd.	If yes, show depth set: Feel
CM (Coal Bed Methane)		•	If Alternate II completion, cement circulated from: 326
Cathodic Other (	Core, Expl., etc.):		feet depth to: 0 w/ 50 sx cmt
If Workover/Re-entry: Old Well	Info as follows:		W SA ONN
Operator:			
Well Name:			Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date:			
Deepening Re-p		ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
	Conv. to	<del></del>	Dewatering method used:
Plug Back:		Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled	_		O
☐ Dual Completion	Permit #:		Operator Name:
SWD			Lease Name: License #:
ENHR			Quarter Sec TwpS. R East West
☐ gsw	Permit #:		County: Permit #:
12/20/2010 12/2	1/2010	1/4/2011	
Spud Date or Date	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	010
Geologist Report Received	(Vico
UIC Distribution	
ALT I II III Approved by: Deanne Garrison Date	te: 01/14/2011

Side Two



Lease Name: Harvey \_Well #: \_\_F-2 Operator Name: Bobcat Oilfield Services, Inc. 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. Sample **V** Log Formation (Top), Depth and Datum Yes **✓** No **Drill Stem Tests Taken** (Attach Additional Sheets) Top Datum Name **✓** No Samples Sent to Geological Survey Yes GL 267 Peru ✓ Yes □ No Cores Taken ✓ Yes ☐ No Electric Log Run ✓ Yes No Electric Log Submitted Electronically (If no, Submit Copy) List All E. Logs Run: Gamma Ray/Neutron/CCL CASING RECORD New **✓** Used Report all strings set-conductor, surface, intermediate, production, etc. Type and Percent Size Casing Setting # Sacks Size Hole Weight Type of Purpose of String Drilled Lbs. / Ft. Used Additives Set (In O.D.) Depth Cement Surface casing 8.75 6.25 8 20 Portland 60/40 Poz Mix Production casing 5.625 2.875 6 326 Portland/Fly Ash 50 ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom . Perforate Protect Casing Plug Back TD Plug Off Zone Acid, Fracture, Shot, Cement Squeeze Record PERFORATION RECORD - Bridge Plugs Set/Type Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth Acid 500 gal 7.5% HCL 4 273-283, 284-286, 289-294 TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes □ No Producing Method: Date of First, Resumed Production, SWD or ENHR. Flowing Pumping Gas Lift Other (Explain) **Estimated Production** Oil Bbls. Mc1 Water Bbls Gas-Oil Ratio Gravity Per 24 Hours DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL: Open Hole Dually Comp. Commingled ✓ Perf. Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

Lease :	HARVEY	
Owner:	BOBCAT OILFI	ELD SERVICES, INC.
OPR#:	3895	
Contractor:	DALE JACKSON	PRODUCTION CO.
OPR#:	4339	
Surface: 20FT, 6IN	Cemented: 5 SACKS	Holesness and Adda
Longstring 326' 2 5/8	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

ì	Well #: F-2
i	/Location:
1	NE,SW,SW,SE,S:5,T:20,SR:23,E
	County: LINN
	FSL: 495 504
1	FEL: 2,145 2154
ĺ	API#: 15-107-24233-00-00
I	Started: 12-20-10
ı	Completed: 12-21-10

Well Log

SN: 263 Packer: TD: 330
Plugged: Bottom Plug:

TKN	8TM Depth	Formation	TKN	BTM	Formation
2	Depth 2	TOPSOIL	<del>                                     </del>	Depth	
20	22	LIME	ļ		-
3	25	SHALE			-
3	28	BLACKSHALE ·	<b></b>	<del> </del>	
21	49	LIME	-	<del> </del>	SURFACE: 12-20-10
4	53	BLACKSHALE	ļ	ļ	SET TIME: 3:30 P.M.
				<b> </b>	CALLED: 11:15 A.M JUDY
14	67	LIME (SHALEY)(GAS)		ļ	CALLED: 11:15 A.W JUDY
1	68	BLACKSHALE	<u> </u>	<b> </b> -	
5	,,	SANDY SHALE			LONGSTRING: 326' 2 7/8 8RD TD: 330'
.37	110	SHALE	ļ		SET TIME: 2:30 P.M.
16	126	SANDY SHALE (DRY SAND STK)	<u> </u>		CALLED: 12:45 P.M.
90	216	SHALE			12-21-10- JUDY
1	217	BLACKSHALE			
6	223	SHALE			
6	229	LIME (SANDY)			
24	253	SHALE			
8.5	261.5	LIME			·
2	263.5	SHALE			
3	266.5	SANDY SHALE (OIL SAND STK) (WATER)			
5.5	272	OIL SAND (FAIR BLEED)(WATER & OIL)			
1	273	LIME			
1	274	OIL SAND (OIL & WATER)(GOOD BLEED)			
.5	274.5	LIME			
4	278.5	OIL SAND (HEAVY BLEED)			
6	284.5	OIL SAND (GOOD BLEED)(OIL & SOME WATER)			
.5	285	SANDY SHALE			
1.5	286.5	OIL SAND (SOME SHALE) (GOOD BLEED)			
2	288.5	SANDY SHALE (SOME OIL SAND STREAKS)(POOR BLEED)			
.5	289	OIL SAND (SHALEY)(GOOD BLEED)			
.5	289.5	SANDY SHALE (SOME OIL SAND STREAKS)(POOR BLEED)			
2	291.5	OIL SAND (SHALEY)(GOOD BLEED)			
2	293.5	OIL SAND (GOOD BLEED)			
2	295.5	SHALE (OIL SAND STK)			
17.5	313	SHALE			
2	315	COAL		-	,
5	320	SHALE			
TD	330	LIME (SHALEY)	<b>—</b>		
			<b>-</b>		
			<del> </del>		
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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.
OPR#:	4339

Core	Run	#1

Well #: F-2	
Location: NE,SW,SW,SE,S:5,T:20,S	R:23,E
County: LINN	
FSL: 495 504	
FEL: 2,145- 2154	
API#: 15-107-24233-00-00	
Started: 12-20-10	
Completed: 12-21-10	

FT	Depth	Clock	Time	Formation/Remarks	Depth
0	271.5		<u> </u>	OIL SAND (OIL & WATER)(FAIR BLEED)	272
	272.5	•	1.5	IME	
1	272.5		1.5	LINE	273
2	273.5		3		1
	274.5		1	OIL SAND (OIL & WATER) (GOOD BLEED)	274
3	274.5		2.5		
4	275.5		1	·	
				OIL SAND (HEAVY BLEED)	
5	276.5		1		
6	277.5		1.5		
				•	278.5
7	278.5		1		276.3
8	279.5		1.5		
				·	
9	280.5		1		
10	281.5		1.5	OIL SAND (GOOD BLEED) (OIL & SOME WATER)	
				,	
11	282.5		1		
12	283.5	.,	1.5		
13	284.5		1	SANDY SHALE	289.5 285
14	285.5		1.5	SAIDT STALE	1203
				OIL SAND(SOME SHALE) (GOOD BLEED)	286.5
15	286.5		1		200.3
16	287.5		2		
				SANDY SHALE (SOME OIL SAND STREAKS) (POOR BLEED)	288.5
17	288.5		1.5	OIL SAND (SHALEY) (GOOD BLEED)	289
18	289.5		2	SANDY SHALE SOME OIL SAND STREAKS POOR BLEED	289.5
<u> </u>	1		†		1
19	290.5		2		
20	291.5		2	OIL SAND (SHALEY) (GOOD BLEED)	
20	231.3		-		
	I		1	<u> </u>	1

\$3851.83

TOTAL

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!

Invoice: 10026836 Page: 1 Soecial 12/10/10 Ship Date: Involce Date: 12/15/10 Sale rep # MAVERY MIKE 01/05/11 Oue Oate: Acci no code: Sold To: BOBCAT OILFIELD SRVC,INC Ship To: BOBCAT CILFIELD SRVC,INC C/O BOB EBERHART (913) 637-2823 **80805 COLDWATER RD** LOUISBURG, KS 66053 (913) 837-2823

Customer #: 3570021 Customer PO: Order By: poolmo01 **EXTENSION** ORDER DESCRIPTION Alt Price/Uom PRICE SHIP L U/M ITEM# 7.9900 245.00 CPPC PORTLAND CEMENT 7.9900 BAG 245.00 BAG 1428.00 280.00 280.00 BAG CPPM POST SET FLY ASH 75# 5.1000 BAG 5.1000 238.00 14.00 14.00 L EA CPQP QUIKRETE PALLETS 17.0000 EA 17.0000 DIRECT SHIPMENT 12.13.10 ORDERED BY TERRY \$3823.55 CHECKED BY DATE SHIPPED Seles total SHIP VIA LINN COUNTY RECEIVED COMPLETE AND IN GOOD CONDITION 3623.55 Taxable 0.00 Sales tax Non-taxable 228.28 Tax#

1 - Merchant Copy