

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1083328

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 #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ( )	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: Fee
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
☐ OG	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled     Permit #:	Organization Normal
Dual Completion Permit #:	Operator Name:
SWD     Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date         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
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Side Two	<b>                                    </b>
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	

**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 (Attach Additional She	eets)	Yes N	ю	Lo	-	n (Top), Depth and	d Datum Top	Sample Datum
Samples Sent to Geolog	gical Survey	Yes N	0	INdille	5		юр	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ N ☐ Yes ☐ N ☐ Yes ☐ N	0					
List All E. Logs Run:								
		CAS	SING RECORD	Ne Ne	w Used			
		Report all strings	s set-conductor, su	rface, inte	rmediate, producti	on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Off Zone				

Shots Per Foot	PERFORATION Specify For		RD - Bridge P Each Interval I		)e	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			Depth	
TUBING RECORD: Size:			Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed I	Product	ion, SWD or ENHF	<b>λ</b> .	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
						1				
DISPOSITION OF GAS:				METHOD OF COMPLETION:				PRODUCTION INT	ERVAL:	
Vented Sold Used on Lease				Open Hole	Perf.	Dually (Submit)	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Sub	omit ACC	)-18.)		Other (Specify)						

Lease: Schendel								Well #: 2-12			
-	Owner: Bobcat Oilfield Services, Inc.							Location: SW-NW-NE-NW S24 T16			
	R #:	+	195	iu bei vices, ille.	Dale Jac			ALL AND A	R21E		
	19 - 19 - 19 - 19 - 19 - 19 - 19 - 19 -			A	Box 266,	Moun	d City, I	s 66056	County: Miami		
	ntractor:			N PRODUCTION CO.	Cel	# 620	-363-26	83	FSL: 4860 4911		
OP	R #:	43	39	L-5 /H.	Offic	e <b># 91</b> 3	3-795-2	991	FEL: 3668 3687		
	face:	Cer	mented:	Hole Size:					API#: 15-121-29083-00-00		
20'		5		83/4					Started: 5-10-12		
	ngstring 5' 2 7/8		nented: Sacks	Hole Size:					Completed: 5-15-12		
8 R		90	Jdiks	5 5/8	SN: Nor			acker:	TD: 720'		
	<u> </u>					le	P	icker:	10:720		
	Well Log				Plugged	:	В	ottom Plug:			
'KN	BTM Depth		Formation			TKN	BTM Depth	Formation			
	2	-	Top Soil			9	572	Lime			
6	7		Clay			28	600	Shale (Limey)			
.6	23 27		Lime Black Shale	2		2	605 607	Lime Sandy shale (Oil Sand	Strock) (Poor Blood)		
4	41		Lime	5	•	16	607	Sandy shale (Oli Sand	i Streak) (POUL Bleed)		
.4	41 43		Shale			5	623	Lime			
	45		Sand (Dry)			2	630	Coal			
	50		Shale (San	V	21	651	Shale (Limey)				
.8	68		Lime			5	656	Lime			
;	73		Shale		7	663	Shale				
	74		Red Bed		1	664	Coal	-			
21	95		Shale		9	673	Shale (Limey)	imey)			
.9	114		Lime			2	675	Lime			
38	202		Sandy Shal	e		3	678	Shale			
2 L	204 205		Lime		· · · · · · · · · · · · · · · · · · ·	2	680 681	Light shale Oil Sand (Shaley) (Water & Some Oil) (Poor Bleed)			
8	203		Lime	V I		1	682		) (Water Some Oil) (Poor Bleed)		
3	231		Shale	alan an a		5.5	687.5	Oil Sand "Water" (Ve			
)	240		Sand (Dry)			2	689.5	Oil Sand (Water & Oil			
1	251		Shale			1.5	691	Sandy Shale (Some O	A second s		
	252		Red Bed			1	692	Oil Sand (Good Bleed	) (Some Water)		
1	256		Shale			5	697	Contraction and the second sec	il Sand Streaks) (Poor Bleed)		
3	264		Lime		-	3	700	Sandy Shale			
3	267		Shale (Lime		n Airenna (1990) a baran	TD	720	Shale			
1	269		Dark Shale								
.1	280 291		Shale Sand (Dry)								
	291		Shale								
5	300		Lime					Surface 5-10-12 Set T	ime 1:30pm Calle 10:15am Russel		
;	306		Shale					LongString 715' 2 7/8	8 8 rd TD 720'		
	307		Lime					Called 10:00am Beck	У .		
.6	323		Shale								
5	348	-	Lime								
	349		Black Shale								
.1	360		Shale (Lime	ey)	· .				· · · · · · · · · · · · · · · · · · ·		
.9	379 382		Lime Black shale	•				-			
4	382		Lime			1					
.4	552	4	Shale	* *							
	553		Lime								
1	555										



Bobcat Oilfield Services, Inc.

DALE JACKSON PRODUCTION CO.

Schendel

3895

Lease :

Owner:

OPR #:

Contractor:

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

# Core Run <u>#1</u>

Well #: 2-12	
Location: SW-NW-NE-NW S24	T16 R21E
County: Miami	
FSL:-4860 491	
FEL: 3668-3687	1
API#: 15-121-29083-00-00	
Started: 5-10-12	
Completed: 5-15-12	· · · · · · · · · · · · · · · · · · ·

OPR #	:	4339		Completed: 5-15-12	
FT	Dept	h Clock	Time	Formation/Remarks	Depth
0	682	0:00	0	Oil Sand "Water" (Very Little Oil)	687.5
1	683	1:30	1.5		2
					2
2	684	4:30	3		
3	685	7:30	3		52
4	686	9:30	2		
4	080	9.50	2		2
5	687	11:30	2		
6	688	14:00	2.5	Oil sand (Water & Oil) Fair Bleed	689.5
					A CLED CARSEN CARACTER
7	689	17:00	3		
8	690	20:00	3	Sandy Shale (Some Oil sand Streaks) Poor Bleed	691
9	601	22.20	3.5		
9	691	23:30	3.5	Oil Sand (Good Bleed (Some Water)	692
10	692	25:30	2		607
11	693	30:00	4.5	Sandy Shale (Some Oil Sand Streaks) (Poor Bleed	697
12	694	33:00	3		
13	695	37:30	4.5		11
14	696	41:30	4		0
14	090	41.50	4		
15	697	45:00	3.5	Courte Chale	
16	698	49:30	4.5	Sandy Shale	
,					
17	699	53:30	4		
18					
19					
1.5					
20					
				1	N

Aør.	27. 2012	2 12:23	MOU	Lumber 913-795-2194 P.O. BOX 66 IND CITY, KS 66056 2210 FAX (913) 795-2194	TH	1887 P. 1 Merchant C INVOIC IIS COPY MUST RI BERCHANT AT ALL	
	Page: 1 Special Instructions	:			Time: Ship Da		
			TY MIKE	Acct rep c	ode: Due Da		
	C 31	/O BOB 0805 CO	OILFIELD SRV EBERHART LDWATER RD RG, KS 66053	(913) 837-2823	CAT OILFIELD SRVC,IN		
	Customer #	35700	21	Customer PO:	Order By:	popingO1	
ORDER	SHIP I	L U/M	ITEM#	DESCRIPTION	Alt Price/Uom	PRICE	EXTENSION
280.00 240.00 14.00	280.00   240.00   14.00	BAG	CPPC CPPM CPQP	PORTLAND CEMENT POST SET FLY ASH 75# QUIKRETE PALLETS	8.8900 bag 5.7900 bag 17.0000 ea		2489.20 1389.60 238.00
				Schen 2-12	del 2		
		And the second sec		DIRECT DELLVE	ika		
		And have been advected above the set		913.837.4	159		
		and a start a start a start a start a start a start					
	<u> </u>	1	FILLED BY	CHECKED BY DATE SHIPPED DRIVER		Sales total	\$4116.8
			SHIP VIA		Freight 100.00 Taxable 4216.80	-Misc + Frgt	100.00
			x		Non-taxable 0.00 Tax #	Sales tax	318.3
				1 - Merchant Copy	а , , , , , , , , , , , , , , , , , , ,	TOTAL	\$4535.17