

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1058686

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:		Sec	TwpS. R 🗌 East 🗌 West
Address 2:		Fe	eet from North / South Line of Section
City: State: Zip:	+	Fe	eet from East / West Line of Section
Contact Person:		Footages Calculated from I	Nearest Outside Section Corner:
Phone: ()			
CONTRACTOR: License #			
Name:			Well #:
Wellsite Geologist:			vven #
-			
Purchaser:			
Designate Type of Completion:	<b>-</b>		Kelly Bushing:
New Well Re-Entry	Workover	Total Depth: Plu	ug Back Total Depth:
Oil WSW SWD	SIOW	Amount of Surface Pipe Se	et and Cemented at: Feet
Gas D&A ENHR	SIGW	Multiple Stage Cementing	Collar Used? 🗌 Yes 🗌 No
☐ OG ☐ GSW	Temp. Abd.	If yes, show depth set:	Feet
CM (Coal Bed Methane)		If Alternate II completion, c	ement circulated from:
Cathodic Other (Core, Expl., etc.):		feet depth to:	w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:			
Operator:		Drilling Fluid Managemer	at Blan
Well Name:		(Data must be collected from th	
Original Comp. Date: Original Tota	al Depth:	Oblarida contenti	ppm Fluid volume: bbls
Deepening Re-perf. Conv. to E	NHR Conv. to SWD		
Conv. to G	SW	Dewatering method used: _	
Plug Back: Plug I Plug	Back Total Depth	Location of fluid disposal if	hauled offsite:
Commingled Permit #:		Operator Name	
Dual Completion Permit #:			License #:
SWD Permit #:			
ENHR Permit #:			TwpS. R East West
GSW Permit #:		County:	Permit #:
	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	1
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 Sheets)		Yes	No		Log Formation (Top), Depth a			Sample
Samples Sent to Geological Survey		Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ Yes ☐ Yes	□ No □ No □ No					
List All E. Logs Run:								
		Report all		RECORD No	ew Used ermediate, product	ion, etc.		
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

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

Shots Per Foot		PERFORATION Specify Fo		RD - Bridge F Each Interval		e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENHF	<b>λ</b> .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours	on Oil Bbls.		Gas Mcf Wate		er	Bbls.	Gas-Oil Ratio	Gravity		
DISPOSITIO	N OF (	GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Submit ACO-18.)				Other (Specify)						

Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	SHAW ENTERPRISES 28-3
Doc ID	1058686

All Electric Logs Run

CDL	
NDL	
TEMP	
DIL	



TICKET NUMBER

FIELD TICKET REF # \_\_\_\_

API



211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9500



FOREMAN	Blanchard
---------	-----------

7032

SSI \_\_\_\_\_

TREATMENT REPORT & FIELD TICKET CEMENT

DATE		WELL N	NAME & NUMBER	1	SECTION	TOWNSHIP	RANGE	COUNTY
2-16-11	Show	Enterp	ovises	28-3	28	28	19	No
FOREMAN / OPERATOR		TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUC	· · · · · · · · · · · · · · · · · · ·	EMPLOYEE SIGNATURE
Joe Blanchard	12:00	6:30		904850		6.5	5 1.	Blackard
Justin Janson.		6:00		Training		6	1	- Arm
MATT NATE ~		6:00		903600		6	m	astta //
Otto 6. Pove		6:00		903197		6		to Daw
Nathan Callman		6:00		403 139	932895	6		-6-
Wes Gabman		6:30		931585	931387	6.5	U	enter-
OB TYPE LONG SH	HOLE	SIZE 77/9	<b>8</b>	, Hole Depth _ <b>/00</b>	28 CASI	ING SIZE & W	/EIGHT <u>57</u> ;	2 16#
				UBING	OTHI	OTHER		
		RY VOL	ν	WATER gal/sk		_ CEMENT LEFT in CASING _		
	. 82 DISPL	ACEMENT PSI	N	MIX PSI	RATE	E 460 m	1	
EMARKS:			A	a.0		1	,	
INSTAILed	1 Cemes	H RAN	200-	dys & 14	BBI dye .	+ 130	SKS of	Cement
To est du		ivrtace.		Onma Pum	p wipu pl	lue to to	ofton <	1 sed floats
3			1	1	PUPT	-3		

ARRived on location 12:30 7it was uppill standed Casing till we bit woter. Waited the on dozer to arrive to Dignew pit. 6 Flot pipe out of hole werd cut off + 61/2 weld on Collor welded on Before Frace.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904 850	6.5 hr	Foreman Pickup	
903197	6 hr	Cement Pump Truck	
903600	6 hr	Bulk Truck	
931585	6.5 hr	Transport Truck	
931387	6.5 bc	Transport Trailer	
931435	6 hr	80 Vac	
	1000.60 Ft	Casing 512	
	6	Centralizers	
	1	Float Shoe	
	. /	Wiper Plug	
i i i ne i	a	Frac Baffles 4"A 41/~	
	105 SK	Portland Cement	
	25 SK	Gilsonite	
	/ SK	Flo-Seal	
	10 SK	Premium Gel	
	4 SK	Cal Chloride	
		15- 51/2 Bosket	
	7000 gal	City Water	
903139	6 h	Casing tractor	
932 895	6 hr	Casing treiler	

Ravin 4513

Tod. Mc Pheren Dulling 02/14/2011 Making @ 12Noon.

Pipe#       Length       Running Total       Baffle Location       POSTROCK ENERGY CORP - CASING TALLY SHEET         1       38.32       38.22       Date: 02/14/2011         2       39.17       77.49       Cement Basket       Well Name & Shave Enterprises #28-3         3       38.73       116.22       Image: 285-19E       Country/State: Neosho Co., Kansas         5       39.50       194.87       Image: 285-19E       Country/State: Neosho Co., Kansas         6       39.63       234.50       Image: 285-19E       Country/State: Neosho Co., Kansas         7       38.94       273.44       Road Location: 140th & Liberty, N & W into         8       39.62       313.06       API# 15-133-27542-0000         9       38.87       351.93       Image: 285-63         10       39.05       390.98       Image: 285-63         11       39.06       430.04       Image: 285-63         13       39.65       508.70       Image: 285-63         14       38.45       585.63       Image: 285-63         15       38.45       585.63       Image: 285-63         16       39.15       624.78       Image: 285-63         17       38.89       702.34       Image: 285-63 <th></th> <th></th> <th>-</th> <th></th> <th></th>			-		
2 $39.17$ $77.49$ Cement Basket       Well Name & #: Shaw Enterprises #28-3         3 $38.73$ $116.22$ $964$ Township & Range: 285-19E         4 $39.15$ $155.37$ $20.46$ County/State: Neosho Co., Kansas         5 $39.50$ $194.87$ $962$ $77.44$ Road Location: 140th & Liberty, N & W into         8 $39.62$ $313.06$ API# 15-133-27542-0000       9         9 $38.87$ $351.93$	Pipe#	Length	Running Total	<b>Baffle Location</b>	POSTROCK ENERGY CORP - CASING TALLY SHEET
3       38.73       116.22       Image: Township & Range: 285-19E         4       39.15       155.37       D       County/State: Neosho Co., Kansas         5       39.50       194.87       Image: County/State: Neosho Co., Kansas         6       39.63       234.50       Image: County/State: Neosho Co., Kansas         7       38.94       273.44       Road Location: 140th & Liberty, N & W into         8       39.62       313.06       AFE#: D11011         7       38.87       351.93       Image: County/State: Neosho Co., Kansas         10       39.05       390.98       Image: County/State: Neosho Co., Kansas         11       39.06       430.04       Image: County/State: Neosho Co., Kansas         12       39.01       469.05       Image: County/State: Cou	1	38.32	38.32		
4       39.15       155.37       20 ft       County/State: Neosho Co., Kansas         5       39.50       194.87       ft       SSI #: 630990         6       39.63       234.50       ft       AFE#: D11011         7       38.94       273.44       Road Location: 140th & Liberty, N & W into         8       39.62       313.06       API# 15-133-27542-0000         9       38.87       351.93	2	39.17	77.49	Cement Basket	Well Name & #: Shaw Enterprises #28-3
5 $39.50$ $194.87$ $5774$ $63990$ 6 $39.63$ $234.50$ $5774$ $851 \#: 630990$ 7 $38.94$ $273.44$ Road Location: 140th & Liberty, N & W into         8 $39.62$ $313.06$ $API \#$ $15-133-27542-0000$ 9 $38.87$ $351.93$ $9750$ $9740$ 10 $39.05$ $390.98$ $9760$ $9760$ 11 $39.06$ $430.04$ $9760$ $9760$ 12 $39.01$ $469.05$ $9760$ $9760$ 13 $39.65$ $508.70$ $9760$ $9760$ 14 $38.48$ $547.18$ $8770$ $9760$ 15 $38.45$ $585.63$ $98.90$ $741.24$ $5est Upper Beffle (9741, 24 fdr. Becg. Holl         19       38.90 741.24 5est Upper Beffle (9741, 24 fdr. Becg. Holl       978.93         21       38.71 818.83 780.12 903 857.86 923         23       40.04 897.90 24 38.87 975.60 975.00 975.60$	3	38.73	116.22	no lot	Township & Range: 28S-19E
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	4	39.15	155.37	20-AU.	County/State: Neosho Co., Kansas
7       38.94       273.44       Road Location: 140th & Liberty, N & W into         8       39.62       313.06       API# 15-133-27542-0000         9       38.87       351.93         10       39.05       390.98         11       39.06       430.04         12       39.01       469.05         13       39.65       508.70         14       38.48       547.18         15       38.45       585.63         16       39.15       624.78         17       38.99       663.77         18       38.57       702.34         19       38.90       741.24       Set Upper Buffle @ 741.24 ff. Bug Hold         20       38.88       780.12         21       38.71       818.83       Set Jower Buffle @ 741.24 ff. Bug Hold         22       39.03       857.86       38.87         23       40.04       897.90       24         24       38.83       936.73         25       38.87       975.60         SUB       25.00       1000.60         Well all 2 Symber Hell 2 Symber Hell 2 Symber Hell 2 Symber	5	39.50	194.87	Lon It	SSI #: 630990
8 $39.62$ $313.06$ API# 15-133-27542-0000         9 $38.87$ $351.93$	6	39.63	234.50	00/170.	AFE#: D11011
9 $38.87$ $351.93$ 10 $39.05$ $390.98$ 11 $39.06$ $430.04$ 12 $39.01$ $469.05$ 13 $39.65$ $508.70$ 14 $38.48$ $547.18$ 15 $38.45$ $585.63$ 16 $39.15$ $624.78$ 17 $38.99$ $663.77$ 18 $38.57$ $702.34$ 19 $38.90$ $741.244$ $5est$ (uppen Baffle ( $0.741.24$ fd. Bezz Holl         20 $38.88$ $780.12$ 21 $38.71$ $818.834$ $55.est$ 21 $38.71$ $818.834$ $5.est$ 22 $39.03$ $857.86$ 23 $40.04$ $897.90$ 24 $38.83$ $936.73$ 25 $38.87$ $975.60$ SUB $25.00$ $1000.60$ Well all 2 Symmet Hel 2 Symmet He	7	38.94	273.44		Road Location: 140th & Liberty, N & W into
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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	9	38.87	351.93		<i>w</i>
12 $39.01$ $469.05$ $000$ $000$ 13 $39.65$ $508.70$ $000$ $000$ 14 $38.48$ $547.18$ $000$ $000$ 15 $38.45$ $585.63$ $000$ $000$ 16 $39.15$ $624.78$ $000$ $000$ 17 $38.99$ $663.77$ $000$ $000$ 18 $38.57$ $702.34$ $000$ $000$ 19 $38.90$ $741.24$ $-5est$ Upper Coeffic $000$ $741.24$ $-5est$ Upper Coeffic $000$ $741.24$ $-5est$ 20 $38.88$ $780.12$ $0000$ $0000$ $0000$ $0000$ 21 $38.71$ $818.83$ $-5est$ $5est$	10	39.05	390.98		$\partial g$
13 $39.65$ $508.70$ 14 $38.48$ $547.18$ 15 $38.45$ $585.63$ 16 $39.15$ $624.78$ 17 $38.99$ $663.77$ 18 $38.57$ $702.34$ 19 $38.90$ $741.24$ 20 $38.88$ $780.12$ 21 $38.71$ $818.83$ 22 $39.03$ $857.86$ 23 $40.04$ $897.90$ 24 $38.87$ $975.60$ SUB $25.00$ $1000.60$ Undit all 2 Sympth He 2 Sft, Sulf.	11	39.06	430.04		Kont
14       38.48       547.18       Image: constraint of the state of the stat	12	39.01	469.05	Λ.	nh or s
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16       39.15       624.78         17       38.99       663.77         18       38.57       702.34         19       38.90       741.24 4 Set Upper Baffle @ 741.24 ft. Bez Hold         20       38.88       780.12         21       38.71       818.83 4 Set Lower Baffle @ 8/8.83 ft. Sirall Hold         22       39.03       857.86         23       40.04       897.90         24       38.87       975.60         SUB       25.00       1000.60         Ull all 2 Syond Hele 2 Sft. Sull.	14	38.48	547.18		/ Kon
17       38.99       663.77         18       38.57       702.34         19       38.90       741.24       Set Upper Baffle @ 741.24 ft. Beg Hold         20       38.88       780.12       Image: Constraint of the set of	15	38.45	585.63		
18       38.57       702.34         19       38.90       741.24 4       Set Upper Boffle @ 741.24 ft. Bez Hold         20       38.88       780.12       Basset Sower Boffle @ 8/8.83 ft. Simall Hold         21       38.71       818.83 4       Set Sower Boffle @ 8/8.83 ft. Simall Hold         22       39.03       857.86       Set Sower Boffle @ 8/8.83 ft. Simall Hold         23       40.04       897.90       Set Sower Boffle @ 8/8.83 ft. Simall Hold         24       38.83       936.73       Substantian State Sta	16	39.15	624.78		
19       38.90       741.24 4       Set upper Beffle @ 741.24 ft. Bez Hold         20       38.88       780.12       21         21       38.71       818.83 4       Set Lowin Boffle @ 8/8.83 ft. Sirall Hold         (22)       39.03       857.86       23         23       40.04       897.90       24         24       38.87       936.73       25         25       38.87       975.60       300.60         Und all 2 5 Jondo + He 2 5 ft. Sult.	17	38.99	663.77		
20       38.88       780.12       1         21       38.71       818.83       Set Lowin Baffle & 8/8.83 ft. Strall Ha         22       39.03       857.86       23         23       40.04       897.90       24         24       38.83       936.73       25         25       38.87       975.60       25         SUB       25.00       1000.60       25         4       4       4       4         25       38.87       975.60       25         38.81       936.73       25       38.87         25       38.87       975.60       25         38.81       936.73       25.00       1000.60         4       4       4       4         4       4       4       4         5       38.87       975.60       3         5       4       4       4       4         4       4       5       5       5         5       5       5       5       5       5         4       4       4       5       5       5         4       5       5       5       5	18	38.57	702.34		
20       38.88       780.12       1         21       38.71       818.83       Set Lowin Baffle & 8/8.83 ft. Strall Ha         22       39.03       857.86       23         23       40.04       897.90       24         24       38.83       936.73       25         25       38.87       975.60       25         SUB       25.00       1000.60       25         4       4       4       4         25       38.87       975.60       25         38.81       936.73       25       38.87         25       38.87       975.60       25         38.81       936.73       25.00       1000.60         4       4       4       4         4       4       4       4         5       38.87       975.60       3         5       4       4       4       4         4       4       5       5       5         5       5       5       5       5       5         4       4       4       5       5       5         4       5       5       5       5	19	38.90	741.24 🖌	- set upper	2 Beffle @ 741, 24 ft. Beas Hole.
22 39.03 857.86 23 40.04 897.90 24 38.83 936.73 25 38.87 975.60 SUB 25.00 1000.60 Unit all 25 Jonb + He 25 ft, Sul.	205	38.88	780.12	//	
23 40.04 897.90 24 38.83 936.73 25 38.87 975.60 SUB 25.00 1000.60 Uel all 25 Jone He 25ft. Sub	21	38.71	818.83 🖌	- Set L	wer Caffle @ 818.83ft. Sirall Add
24 38.83 936.73 25 38.87 975.60 SUB 25.00 1000.60 Und all 25 Jone He 25 ft. Sub	(22)	39.03	857.86		
25 38.87 975.60 SUB 25.00 1000.60 Uel all 25 jone He 25 ft. Sub.	23	40.04	897.90		
SUB 25.00 1000.60 Hel all 25 jone + He 25 ft. Sul.		38.83	936.73		
Hei all 25 jone + the 25 ft. Sub.	25	38.87	975.60		
Uei all 25 jonts + Ke25ft, Sul. Be Safe! Do Good Work.	SUB	25.00	1000.60		
- Hei all 25 jonts + He 25 ft. Sub. - Be Safe! - Do Good Work.					
Be Safe Do Good Work.		11	11 2	z	PJU belde
Be Safe! Do Good Work.		nel	all &	2 Joal	or the 20 ft, sub.
Be Safe! Do Good Work.				0	V
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Be Safe! Do Good Work.				<u> </u>	
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Do Good Work.					
				<u>n.</u>	
				LO O	ork work.
					Martin
Mins, Top 866 for. Teamwork works! Put Safety 1st!	<u></u>	10	Ton V/1	1 d	

Tally Botton 1000. 60 ft. Driller TD 1005 ft. Log Botton 1008.40-ft.

Teamwork works! Put Safety 1st! Sn. Geologiet 620-305-9900 Cell 02-14-2011

# McPherson Drilling LLC Drillers Log

PO#	LRG0216	11-2	AFE#	D11011			
Rig Number:	1			S. 28	T. 28	R. 19 E	Gas Tests:
API No. 15-	133-2754	2		County:	Neosho		179
	Elev.	936		Location:			210
							379
Operator:	POSTRO	СК					435
Address:	210 Park	Ave Ste 2750	)				454
	Oklahoma	a City, OK 73	102-56	41			530
Well No:	28-3	•	Lease	Name: Sh	aw Enterpris	ses	555
Footage Locatio	on:	1,645		ft. from the	NORTH	Line	580
0		1,635		ft. from the	EAST	Line	605
Drilling Contracto	or:	McPherson	Drillin	ng LLC			630
Spud date:				Geologist: Ken Recoy		/	655
Date Completed	:	2/14/2011		Total Depth:	1005		705
							805
Casing Record	_			Rig Time:	_		830
	Surface	Production					855
Size Hole:	11"	7 7/8"		odor @	410" 631"		880
Size Casing:	8 5/8"						1005
Weight:	20#			hit h2o @	865		
Setting Depth:	22	MCP					Comments:
Type Cement: Sacks:	Portland 4	MOD		DRILLER:	Andy Coat	S	Start injectir
Sacks.	4	MCP					
					Well Log		
Formation	Тор	Btm.	HRS.	Formation	Тор	Btm.	Formation
soil	0	2		lime	406	423	shale
lime	2	25		summit	423	431	redshale
shale	25	54		lime	431	438	shale
lime	54	69		mulky	438	443	coal
shale	69	101		lime	443	445	shale
lime	101	108		shale	445	516	sandshale
shale	108	161		blackshale	516	518	shale
coal	161	162		shale	518	524	coal
sandshale	162	164		coal	524	526	shale
lime	164	172		shale	526	545	coal
shale	172	205		lime	545	546	shale
coal	205			coal	546	548	coal
shale	206			shale	548	572	shale
lime	210			coal	572	573	miss.lime
shale	221	226		shale	573	585	
lime	226			coal	585	587	
shale	240			shale	587	602	
blackshale	270			coal	602	603	
shale	273			shale	603	612	
lime	318			coal	612	613	
sand	322			shale	613	631	
lime	326			oilsand	631	647	
coal	320			sandshale	647	649	
shale	366			coal	649	651	
					0.0	501	

Gas Tests:	
179	MCF
210	SB
379	SB
435	SB
454	SB
530	SB
555	SB
580	SB
605	SB
630	SB
655	49.3
705	49.3
805	57.7
830	57.70
855	110.00
880	98.10
1005	98.10
Comments:	
Start injecting @	870

Wen Log										
on	Тор	Btm. HRS.	Formation	Тор	Btm.	Formation	Тор	Btm.		
	0	2	lime	406	423	shale	651	672		
	2	25	summit	423	431	redshale	672	676		
	25	54	lime	431	438	shale	676	690		
	54	69	mulky	438	443	coal	690	691		
	69	101	lime	443	445	shale	691	780		
	101	108	shale	445	516	sandshale	780	782		
	108	161	blackshale	516	518	shale	782	794		
	161	162	shale	518	524	coal	794	797		
е	162	164	coal	524	526	shale	797	816		
	164	172	shale	526	545	coal	816	817		
	172	205	lime	545	546	shale	817	849		
	205	206	coal	546	548	coal	849	852		
	206	210	shale	548	572	shale	852	863		
	210	221	coal	572	573	miss.lime	863	1005		
	221	226	shale	573	585					
	226	240	coal	585	587					
	240	270	shale	587	602					
е	270	273	coal	602	603					
	273	318	shale	603	612					
	318	322	coal	612	613					
	322	326	shale	613	631					
	326	364	oilsand	631	647					
	364	366	sandshale	647	649					
	366	406	coal	649	651					