

Kansas Corporation Commission Oil & Gas Conservation Division

1130616

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:	SecTwpS. R
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: ()	□NE □NW □SE □SW
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:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or Recompletion Date 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



Operator Name:				Lease	Name: _			_ Well #:		
Sec Twp	S. R	East	West	Count	y:					
time tool open and clorecovery, and flow rat	now important tops and osed, flowing and shut- es if gas to surface tes Attach final geological v	in pressures, t, along with t	whether sl	hut-in pres	ssure read	ched static level,	hydrostatic press	sures, bottom h	ole tempe	erature, fluid
Drill Stem Tests Taker (Attach Additional		Yes	No			og Formation	n (Top), Depth ar	nd Datum		sample
Samples Sent to Geo		Yes	□No		Nam	е		Тор	D	atum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Cop)	d Electronically	Yes Yes	No No No							
List All E. Logs Run:										
		Report all		RECORD	Ne	w Used	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In 0			ight / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
		AI	DDITIONAL	. CEMENT	ING / SQL	EEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of C	Type of Cement # Sacks		s Used	d Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone										
Shots Per Foot	PERFORATIO	N RECORD -	Bridge Plug	s Set/Type			cture, Shot, Cemen		b	
	Specify F	ootage of Each	Interval Peri	forated		(Ar	mount and Kind of Ma	aterial Used)		Depth
TUBING RECORD:	Size:	Set At:		Packer /	At:	Liner Run:	☐ Yes ☐ No			
Date of First, Resumed	Production, SWD or ENH		oducing Meth	nod:	ng	Gas Lift C	other (Explain)			
Estimated Production Per 24 Hours	Oil B	bls.	Gas	Mcf	Wate	er Bl	ols.	Gas-Oil Ratio		Gravity
DISPOSITI	ON OF GAS:	Open	_	METHOD O	Dually	Comp. Con	nmingled	PRODUCTIO	N INTERV	/AL:
	bmit ACO-18.)	Other	(Specify)		(Submit A	ACO-5) (Subi	mit ACO-4) —			





TICKET NUMBER 34458

LOCATION Och log Ks

FOREMAN Miles Show

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

Ravin 3737

FIELD TICKET & TREATMENT REPORT

Walt Dinkol

SALES TAX

ESTIMATED TOTAL

				O LIVILIY				
DATE	CUSTOMER#	WEL	L NAME & NUMI	BER	SECTION	TOWNSHIP	RANGE	COUNTY
4-4-12	1487	SIM	on #1		24	93	266	Sherida
CUSTOMER	<i>- 1</i>	1 ~	1/6	Studlar			TRUCK !	
MAILING ADDRE	e Zxplore	tions ;	21C	65	TRUCK#	DRIVER	TRUCK#	DRIVER
				16	439	1054 6W	lolo +	
CITY		STATE	ZIP CODE	3/45	1.57	D. Dobeley	temet	
				W15.		Donny		
JOB TYPE	recl	HOLE SIZE	77/8	」 <i>い</i> パ _ HOLE DEPTI	4161	CASING SIZE & V	VEIGHT 4	1/2-11,5-4
CASING DEPTH		DRILL PIPE		TUBING			OTHER	
SLURRY WEIGH		SLURRY VOL			sk	CEMENT LEFT in		- /
DISPLACEMENT	r 641/2	DISPLACEMEN	NT PSI	MIX PSI		RATE 6 B	Pne	
REMARKS:	Satet, Ma	etimo r	e von I	Ascause 7	#1 Cive (Pasine on	to there .	
Pump	500 gal mu	d Flush	7 /	77-0-7	•/	5		
_MIX 30	7 SKS JU R	H 15 5Ks	IM MH.					
Mixed	135 5KB	owe, c	lear Pump	+ Cinas,	Displaced	646 BBE 2	700#	
Lander	1 Plus 2	1300# r	elocsool	Pressure	Float Hold	2		
						Ihauk	You	
ACCOUNT						Miles - 6	Jelf+cre	<u></u>
ACCOUNT CODE	QUANITY	or UNITS	DE	SCRIPTION of	f SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
5401P	1	`	PUMP CHARG	Ε			295000	295000
5406	40		MILEAGE				500	20000
1126	180	SKS	OWC			-	2255	4,05900
11446	.500	cel	mude	-lust		٠.	100	5000
5407A	8,4	f6	Tou M.	lècco D	place		100	5650
4161		~	4/2 A	EU Float	- Shae		34200	34200
-4453	1		4/6 201	toh day	a Plug es	S	27600	276.00
4129	4		4% Co	ATE 113	ماد		4600	1.8400
4103	4	•	4/2 Bas	skots	t Colla-		26100	1,044 00
4284	j		4% 11	1 D	+ Callan		1,890 00	1,89000
1427	-		11/2 6 02				11010	110-
		•						
				-				
		:						1201020
				,	Loss 10	% Disc	-	1,20102

AUTHORIZTION ________ DATE________
I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's

account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

248871





TICKET NUMBER 36356

LOCATION OAKLEY FOREMAN KEVIN MCCOY

	or 800-467-8676		CEMENT	API *15-1	79-2/193		Ks	
DATE	CUSTOMER#	WELL NAME & NU	JMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
3-28-12	1487	Simon #1		24	95	26W	SheRIDAN	
CUSTOMER	_ , ,		7					
B/AKE L	EXPLORATION	<u> </u>	DISCOVERY [TRUCK#	DRIVER	TRUCK# ·	DRIVER	
MAILING ADDRI	ESS		R19 #1	463	Josh G			
2015.1	MAIN P.O.	Box 150		460	Corey D.			
CITY		STATE ZIP CODE						
Boque		Ks 67625						
JOB TYPE JU	RFACE O	HOLE SIZE 121/4"	HOLE DEPTH_	221' K.B.	CASING SIZE & \	WEIGHT 85/8	23 * New	
	221' KB		TUBING			OTHER		
SLURRY WEIGH	IT /4,8#	SLURRY VOL 36 BbC	_ WATER gal/sk	WATER gal/sk 6.5 CEMENT LEFT in CASING 15				
DISPLACEMENT	13.° 86L	DISPLACEMENT PSI	MIX PSI	SIRATE				
REMARKS:	Fety Meeting	: Rig up to 85/8 (@ 14.8 #/9AL. DIS,	Sq. BREAK C	TRCU lation.	Mixed 150.	sks Class A	· Cement	
w/ 3% CA	Le 2% Gel	@ 14.8 #/ gAL. DIS,	0/Ace W/ 13.	BBL FResh	water. Shu	+ CASINO IN		
1 BBL Cen	sent to Pit	. Job Complete. 1	Rig down.					
		/	/					
	1					•		
					•			

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	/	PUMP CHARGE	1085.00	1085.00
5406	45	MILEAGE	5.00	225.00
11045	150 sks	Class A" Cement	17-65	2647.50
1102	425 * 280 *	CACLZ 3%	.89	378.25
1118 B	280 *	GeL 2%	. 25	70.00
5407 A	7.05 Tous	Ton Mileage BULK DeLu.	1.67	529.81
				4935.5
			Less 10%	493.5
		248667	Sub totAL	4442.00
		THANK YOU 8.3%	SALES TAX	231.2.

| 7673.24 | TITLE Tool pusher AUTHORIZTION

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



DRILL STEM TEST REPORT

Blake Exploration, LLC

PO Box 150 Bogue, KS 67625

ATTN: Mike Davignon

24-9s-26w Sheridan KS

Simon #1

Job Ticket: 45663

DST#: 3

Test Start: 2012.04.03 @ 03:15:00

GENERAL INFORMATION:

Formation:

LKC "K"

Deviated:

No Whipstock:

ft (KB)

Time Tool Opened: 04:59:00 Time Test Ended: 08:38:30

Interval:

4090.00 ft (KB) To 4110.00 ft (KB) (TVD)

4110.00 ft (KB) (TVD)

Total Depth: Hole Diameter:

7.88 inchesHole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester:

James Winder

Unit No:

57

Reference Elevations:

2645.00 ft (KB)

2637.00 ft (CF)

KB to GR/CF:

8.00 ft

Serial #: 6719 Press@RunDepth: Inside

12.93 psig @

4091.00 ft (KB)

2012.04.03

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time:

2012.04.03 03:15:05 End Date: End Time:

08:38:29

Time On Btm:

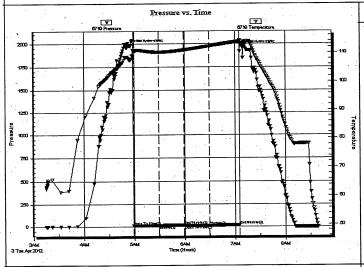
2012.04.03 2012.04.03 @ 04:55:30

Time Off Btm:

2012.04.03 @ 07:09:00

TEST COMMENT: 30 - IF: Blow built to 3/4" 30 - ISI: Bled off, No blow back

30 - FF: No blow 30 - FSI: No blow back



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	•
0	1972.82	107.48	Initial Hydro-static
4	12.56	110.60	Open To Flow (1)
34	13.01	110.14	Shut-In(1)
64	19.39	110.88	End Shut-In(1)
65	12.66	110.92	Open To Flow (2)
94	12.93	112.20	Shut-ln(2)
130	19.01	113.80	End Shut-In(2)
134	1955.49	113.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)		
1.00	Mud w /oil spots 99%m, 1%o	0.00		
	1:			

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
-			

Trilobite Testing, Inc

Ref. No: 45663

Printed: 2012.04.12 @ 13:38:17



DRILL STEM TEST REPORT

Blake Exploration, LLC

PO Box 150 Bogue, KS 67625

ATTN: Mike Davignon

24-9s-26w Sheridan KS

Simon #1

Job Ticket: 45662

Test Start: 2012.04.02 @ 14:50:00

GENERAL INFORMATION:

Time Tool Opened: 16:22:30

Time Test Ended: 20:25:30

Formation:

LKC "J"

Deviated:

No

Whipstock:

ft (KB)

Test Type:

Conventional Bottom Hole (Reset)

Tester:

James Winder

Unit No:

Reference Elevations:

2645.00 ft (KB)

2637.00 ft (CF)

KB to GR/CF.

8.00 ft

Interval: Total Depth:

4070.00 ft (KB) To 4090.00 ft (KB) (TVD)

4090.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

Serial #: 6719

Press@RunDepth:

Inside

16.55 psig @ 2012.04.02

4071.00 ft (KB) End Date:

2012.04.02

Capacity: Last Calib.: 8000.00 psig

2012.04.02

Start Date: Start Time:

14:50:05

End Time:

20:25:29

Time On Btm:

2012.04.02 @ 16:19:00

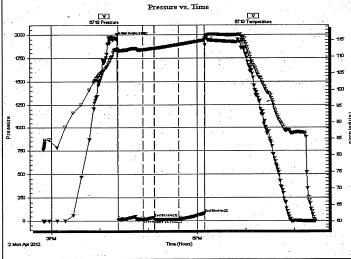
Time Off Btm:

2012.04.02 @ 18:14:30

TEST COMMENT: 30 - IF: Blow built to 1/8", blew at 1/8" through open

15 - ISI: Bled off, No blow back 30 - FF: Blow built to 1"

30 - FSI: Bled off, No blow back



				~			-
	Time	Pressure	Temp	Annotation	*:		
	(Min.)	(psig)	(deg F)				
	0	1958.60	112.01	Initial Hydro-static			
	4	13.03	111.95	Open To Flow (1)			
	34	15.44	111.99	Shut-In(1)	•		
	48	37.88	112.47	End Shut-In(1)			
를	49	12.98	112.46	Open To Flow (2)	•		
Temperature	78	16.55	113.57	Shut-In(2)		-	
등	110	86.14	114.88	End Shut-In(2)			
	116	1942.05	116.66	Final Hydro-static			
•		,		-			
				•			
			i.				
	l						

PRESSURE: SUMMARY

Recovery Volume (bbl) Length (ft) Description 20.00 OCM 84%m, 14%o, 2%g 0.10 Recovery from multiple tests

Gas Rates					
·	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)		

Trilobite Testing, Inc.

Ref. No: 45662

Printed: 2012.04.12 @ 13:37:57



DRILL STEM TEST REPORT

Blake Exploration, LLC

24-9s-26w Sheridan KS

PO Box 150

Bogue, KS 67625

Job Ticket: 45661

Simon #1

ATTN: Mike Davignon

Test Start: 2012.04.02 @ 01:42:00

GENERAL INFORMATION:

Formation: LKC "I"

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 03:24:00 Time Test Ended: 08:42:00

Tester:

James Winder

Unit No:

57

Interval:

4045.00 ft (KB) To 4070.00 ft (KB) (TVD)

Reference Elevations:

2645.00 ft (KB)

Total Depth:

4070.00 ft (KB) (TVD)

KB to GR/CF:

2637:00 ft (CF)

Hole Diameter:

8.00 ft

7.88 inches Hole Condition: Fair

Serial #: 6719 Press@RunDepth: Inside

138.27 psig @

2012.04.02

Capacity:

8000.00 psig

Start Date:

2012.04.02

End Date:

4046.00 ft (KB)

Last Calib.: Time On Btm: 2012.04.02

2012.04.02 @ 03:20:30

Start Time:

01:42:05

End Time:

08:41:59

Time Off Btm:

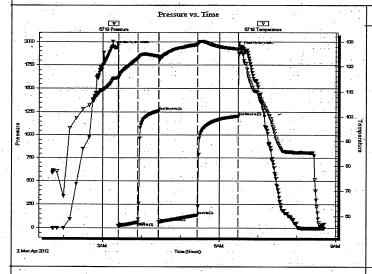
2012.04.02 @ 06:32:30

TEST COMMENT: 30 - IF: Blow built to BOB (11") in 4 1/2 min.

30 - ISI: Bled off, surface blow back last couple min. of shut in

60 - FF: Blow built to BOB in 3 1/2 min.

60 - FSI: Bled off, Blow back built to BOB at 18 min.



PRESSURE SUMMARY						
Time	Pressure	Temp	Annotation			
(Min.)	(psig)	(deg F)				
0	1938.01	115.37	Initial Hydro-static			
4	21.84	115.39	Open To Flow (1)			
34	60.92	123.28	Shut-In(1)			
66	1261.94	124.09	End Shut-In(1)			
-66	63.09	123.11	Open To Flow (2)			
125	138.27	128.92	Shut-In(2)			
189	1205.79	127.06	End Shut-In(2)			
192	1932.49	126.31	Final Hydro-static			
			•			

Recovery

Description	Volume (bbl)
GMCO 52%g, 33%o, 15%m	1.47
CGO 68%o, 32%g	3.23
GIP=2750'	0.00
\$ 100 miles	
	GMCO 52%g, 33%o, 15%m CGO 68%o, 32%g GIP= 2750'

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 45661

Printed: 2012.04.12 @ 13:37:37