Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1208818

Form ACO-1 August 2013 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 #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	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				
Confidentiality Requested				
Date:				
Confidential Release Date:				
Wireline Log Received				
Geologist Report Received				
UIC Distribution				
ALT I II III Approved by: Date:				

	Page Two	1208818
Operator Name:	_ Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTDUCTIONS. Chave important tang of formations panetrated	stail all savas Depart all final	appiag of dvill atoms toots giving interval tootad, time tool

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne		ion, 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
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Purposo:	Denth						

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

No

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

No	(If No, skip questions 2 and 3)
No	(If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				٨		ement Squeeze Record I of Material Used)	Depth		
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner Ru	un:	No	
Date of First, Resumed Production, SWD or ENHR. Producing Method: □ Flowing □ Pumping □ Gas Lift Other (Explain)										
Estimated Production Per 24 Hours		Oil Bbl	S.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
									I	
DISPOSITI	DSITION OF GAS: METHOD OF COMPLET			TION:		PRODUCTION INT	ERVAL:			
Vented Solo	d 🗌 l	Used on Lease		Open Hole	Perf.	Uually (Submit A		Commingled		
(If vented, Su	ıbmit ACC	D-18.)		Other (Specify))	(Subinit /	,	(Submit ACO-4)		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	S.B. Oil Company, a General Partnership
Well Name	WERTH A-3
Doc ID	1208818

All Electric Logs Run

Dual Induction
Compensated Neutron
Micro
Sonic

Form	ACO1 - Well Completion
Operator	S.B. Oil Company, a General Partnership
Well Name	WERTH A-3
Doc ID	1208818

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	3546-50	150 15%	
2	3394-97	500 15%	
2	3330-34	500 15%	
2	3322-26	500 15%	
2	3302-05	500 15%	
2	3284-88	500 15%	

		the second se			1.87	ALL A 110					
RILOBITE ESTING , INC		S & B Oil Company, Inc			Werth A #3						
		921 W. 41st Street Hays, KS 67601 ATTN: Marc Downing			24-15s-18w Ellis KS Job Ticket: 38641 DST#:1						
					Test	Start: 201	10.06.07 @	02:43:15			
DRMATION:											
No Whipstock: 04:53:15	ft (I	<b)< td=""><td></td><td></td><td>Test</td><td>er: J</td><td>ason McLei</td><td></td><td>e</td></b)<>			Test	er: J	ason McLei		e		
3564.00 ft (KB) (T	/D)				Refe			1972.00	ft (CF)		
	End Dat	e:	2	2010.06.07 11:06:45	Last Calil Time On	o.: Btm: 2	010.06.07	2010.06.07 @ 04:52:15	psig		
ISI-Dead FFP-Strong,BOE	in 50 seconds	d							-		
Pressure vs.											
	a a a a a a a a a a a a a a a a a a a	- 11 - 11 - 12 - 12 - 12 - 12 - 12 - 12	න න න න න න න න	Time (Min.) 0 1 16 49 50 65 98 98 98	Pressure (psig) 1761.80 284.41 518.48 1015.11 574.01 735.55 996.29 1684.67	(deg F) 109.21 109.06 114.66 114.67 114.11 114.47 114.39	Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut-	ro-static Row (1) In(1) Row (2) In(2)			
Recovery						Ga	s Rates		-		
Description		Volume (bbl)				Choke (inches) Press	sure (psig)	ias Rate (Mcf/		
CMW-30%O-65%W-5	%M	1.40			38 		15		- 25		
OCMW-40%O-55%W	5%M	7.57							*আ ম		
OCMV-10%G-50%O-	30%W-10%M	14.31									
	DRMATION: Arbuckle No Whipstock: 04:53:15 11:06:45 3564.00 ft (KB) To 35 3564.00 ft (KB) (TV 7.80 inchesHole 735.55 psig 2010.06.07 02:43:17 NT: IFP-Strong,BOB ISI-Dead FFP-Strong,BOB FSI-Blow back B Pressure vs. 7 725 Presure IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	ESTING, INC 921 W. 41st S Hays, KS 676 ATTN: Marc DRMATION: Arbuckle No Whipstock: ft (I) 04:53:15 11:06:45 506.00 ft (KB) To 3564.00 ft (KB) (TVD) 7.80 inchesHole Condition: Go 11:06:45 3564.00 ft (KB) (TVD) 7.80 inchesHole Condition: Go 11:06:07 End Tim NT: IFP-Strong, BOB in 30 seconds ISI-Dead FFP-Strong, BOB in 50 seconds FSI-Blow back Built to 2" Treessure vs. Time Orgo Tensure Areas of the seconds Inside Orgo Tensure Orgo Tensure <td <="" colspan="2" td=""><td>ESTING, INC 921 W. 41st Street Hays, KS 67601 ATTN: Marc Dow ning DRMATION: ATTN: Arbuckle No No Whipstock: ft (KB) 04:53:15 11:06:45 05:00 ft (KB) To 3564.00 ft (KB) (TVD) 3564.00 ft (KB) (TVD) 7.80 inchesHole Condition: 735.55 psig @ 3541.00 ft (KB) 2010.06.07 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Trilobite Testing, Inc

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ALL'D CEMENTING CO LLC. 041706

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT:

DATE 6-2.10	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE (Den d.	WELL #	13	LOCATION 4	as 5 to Cardo	- Welding	COUNTY .	STATE KS
OLD OR NEW (C	lircle one)		11/2	-d :1170	~>		20. gr

OWNER

CEMENT

CONTRACTOR AScoulest	42
TYPE OF JOB Sustand	
HOLE SIZE 17:14	T.D. 1/45
CASING SIZE Sty 23 H	DEPTH 1145
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT 30
CEMENT LEFT IN CSG. 30	
PERFS.	97.
DISPLACEMENT 71BL	

EQUIPMENT

	and the second se
PUMPTRUCK # 398	CEMENTER, Crass
BULK TRUCK	
# 473	DRIVER Hearth
BULK TRUCK	
#	DRIVER

REMARKS:

71:25

CITY_____STATE _____ZIP_

CHARGE TO: SCOL

STREET _____

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SERVICE

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TOTAL _____

PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment
and furnish cementer and helper(s) to assist owner or
contractor to do work as is listed. The above work was
done to satisfaction and supervision of owner agent or
contractor. I have read and understand the "GENERAL
TERMS AND CONDITIONS" listed on the reverse side.
1

PRINTED NAME_	Homas	Alm	
SIGNATURE	homin	A	7

<u>348 Kobbu Alia</u> @_____ Balle Alare @_____ @_____ @_____ @_____

TOTAL ____

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT _____ IF PAID IN 30 DAYS

DB LC			WELL NO.				JOB TYPE	DATE OF 2010 PAG
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	OFE						BANCAC	
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