KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL
Form ACO-1
October 2008
Form Must Be Typed

KCC WICHITA

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 6037	API No. 15 . 051-25922 - 0000
Name: Staab Oil Company	Spot Description:
Address 1: 1607 Hopewell Road	NW_NE_Sec. 25 Twp. 12 S. R. 18 East West
Address 2:	
City: Hays State: KS Zip: 67601 +	
Contact Person: Francis C. Staab	Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 625-5013	☑ne □nw □se □sw
CONTRACTOR: License # 5184	County: Ellis
Name: Shields Drilling	Lease Name: Laurinda Well #: 1
Wellsite Geologist: Randy Killian	Field Name: Wildcat
Purchaser:	Producing Formation: None
Designate Type of Completion:	Elevation: Ground: 2156 Kelly Bushing: 2161
New Well Re-Entry Workover	Total Depth: 3749 Plug Back Total Depth:
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set: Feet
✓ Dry Other(Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old Well Info as follows:	feet depth to:w/sx cmt
Operator:	Drilling Fluid Management Plan AH I NV2
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used:
Plug Back: ————————————————————————————————————	
Commingled Docket No.:	Location of fluid disposal if hauled offsite:
Dual Completion Docket No.:	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
11-5-09 11-12-09 P+A /1/2/09	QuarterSecTwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workover or confidential for a period of 12 months if recompletion.	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidencell report shall be attached with this form. ALL CEMENTING TICKETS MUST rm with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulate are complete and correct to the best of my knowledges.	the oil and gas industry have been fully complied with and the statements herein
Signature:	KCC Office Use ONLY
Title: Jaile Date: 12-19-00	Letter of Confidentiality Received
Subscribed and sworn to before me this 19 day of Pecembe	f Denied, Yes Date:
20 09.	Wireline Log Received
Cual i la state	Geologist Report Received
Notary Public: Sold of	RECEIVED RECEIVED
av p.	NN 0.8 2010

KCC WICHITA

Side Two

Operator Name: Staa	b Oil Company			Lease N	Name: _	_aurinda		Well #: 1	· · · · · · · · · · · · · · · · · · ·
Sec. <u>25</u> Twp. <u>12</u>		East	t 🗸 West	County	Ellis	· · · · · · · · · · · · · · · · · · ·			
INSTRUCTIONS: Sho time tool open and clos recovery, and flow rate surveyed. Attach final	sed, flowing and shi s if gas to surface to	ut-in press est, along	ures, whether sl	hut-in press	sure rea	ched static leve	l, hydrostatic	pressures, bottom i	nole temperature, fluid
Drill Stem Tests Taken (Attach Additional S	heets)	√ Y	∕es □ No		₩ L	og Formatio	on (Top), Dep	th and Datum	☐ Sample
Samples Sent to Geold	·	□ Y	∕es ☑ No		Nam Anh	e		Top 1392	Datum +769
Cores Taken	\		<i>;</i>	Base			1429	+732	
Electric Log Run		•	Topeka			3136	-975		
					Heeb	ner		3372	-1211
List All E. Logs Run: RA Guard					Lans	ing		3422	-1261
DST 1=C Zone 3439-34 -DST 2=D-G Zone 3463								3657	-1496
OSP Mud	-5020, 11 1 .02-42, 1011	.007,711	.40-04, 1 011 .040,	701.	Arb			3725	-1564
	· · · · · · · · · · · · · · · · · · ·	Rep	CASING ort all strings set-c			ew Used	tion, etc.		
Purpose of String	Size Hole Drilled	Si	ze Casing et (In O.D.)	Weig	jht	Setting Depth	Type of Cemen		Type and Percent Additives
Surface	12 1/4	8 5/8		20		228	Common	150	
			ADDITIONAL	CEMENTIN	NG / SQL	JEEZE RECORE)		
Purpose: —— Perforate	rrpose: Depth Type of Cement #Sacks Perforate #Sacks		Used Type and Percent Additives						
Protect Casing Plug Back TD Plug Off Zone			y-	DRY					
Shots Per Foot	PERFORAT Specify	ION RECOI	RD - Bridge Plugs Each Interval Perf	s Set/Type orated				ement Squeeze Recor	d Depth
				DRY		REC	EIVED		RECEIVED
			·					The same of the sa	DEC 3-0-2009
							9 8 2010	K	CC WICHITA
	•					KCC V	VICHITA	1	
TUBING RECORD:	Size:	Set At	:	Packer At	:	Liner Run:	Yes	No	
Date of First, Resumed F	Production, SWD or Er	ıhr.	Producing Meth	od:	Flowin	g Pump	ing 🔲 G	as Lift	er (Explain)
Estimated Production Per 24 Hours	Oil	Bbls.	Gas I	Mcf	Wat	er E	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		A	ETHOD OF	COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Sold	Used on Lease		_	Perf.		-	mmingled	TRODUCTR	
(If vented, Subr			Other (Specify)				migicu		

ALLIED CEMENTING CO., LLC. 041276

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	ufoel	SER'	VICE POINT:	eil
DATE 1 GOA SEC. TWP. RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
Drew Laurinda	n N TO LOLUS	+ Cove	COUNTY	STATE
OLD OR NEW (Circle one) /4 w				· · · · · · · · · · · · · · · · · · ·
CONTRACTOR Shields	OWNER			•
TYPE OF JOB Surface	·			
HOLE SIZE 1214 T.D. 233	CEMENT			
CASING SIZE 45/8 20# DEPTH 228	- AMOUNT ORI	DERED 150	Com 3%	CC.
TUBING SIZE DEPTH	-		20/0	beL
DRILL PIPE <u>DEPTH</u>				
TOOL DEPTH	<u></u>			
PRES. MAX MINIMUM	COMMON	130	_@_ <u>1350</u>	2023.00
MEAS. LINE SHOE JOINT	POZMIX		@	
CEMENT LEFT IN CSG. 15'	GEL	3_	_ @ <u>20.25</u>	
PERFS.	_ CHLORIDE _	5	_@ <i>_51.50</i> _	257,50
DISPLACEMENT 13/2BL	_ ASC		@	
EQUIPMENT			_ @	
	R	CEIVED	_ @	
PUMPTRUCK CEMENTER Craia		C 3 0 2009	@	
# 417 HELPER Glenn		C 3 0 2000	@	
BULK TRUCK		CWICHITA	_ @	
# 410 DRIVER Sohn	- NO	C AAIOLITI	@	
BULK TRUCK			@	
# DRIVER	HANDI INC	100 1		227 60
	HANDLINGMILEAGE	10/5K/mile	_ @ <u>_~, </u>	120,00
REMARKS:		•	TOTAL	2800,7
Surface Ape on bottom. Est. Circulation			TOTAL	
My Ement. Displace Dlug	- - -	SERVI	ICE	
Cement Circuated.	– _	R		
		CHARGE	·	991.00
	EXTRA FOOT		@	
i c	MILEAGE		@ 7,00	56.00
Trains:	 _ MANIFOLD			
			@	
CHARGE TO: Stagb Oil				(m. 110)
STREET	_		TOTAL	1047.60
CITYSTATEZIP				
CITI SIME ZII	I	PLUG & FLOA	T EQUIPMEN	T
	1 85/8 was	molya		1/100
	- 0 10 000	2017-13	@	
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			TOTAL	
contractor. I have read and understand the "GENERAL	•	_		
TERMS AND CONDITIONS" listed on the reverse side	CALECTAV/L	f Any)	·	·
ERIVIS AND CONDITIONS—listed on the reverse side	·•			• .
7 1	TOTAL CHAR	UES	,	
PRINTED NAME Thomas J Engel	_ DISCOUNT _		IF PAI	D IN 30 DAYS

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- —TERMS: Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.
- —ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.
- —PRICES AND TAXES: All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.
- —TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.
- —PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.
- —DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.
 - —SERVICE CONDITIONS AND LIABILITIES:
- 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.
- 2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.
- 3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

 WARRANTIES:
- 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.
 - 2. More specifically:
- (A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.
- (B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts; information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.
- (C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

ALLIED CEMENTING CO., LLC. 038555

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REMIT TO P.O. BOX 31	ang SERV	VICE POINT:	
RUSSELL, KANSAS 67665	10	Russell	
,		Tion could be things	
DATE 11/12/05 SEC. TWP. RANGE CA	ALLED OUT ON LOCATION	JOB START JOB FINISH	0
JALLY 1	T ^	COUNTY STATE	
LEASE Caurinda WELL# (LOCATION Toulow		Ellis KJ	
OLD OR NEW (Circle one) for Locust 6	row 1/4 W Siste		
C/ 1/1 1/1/ P/4/		•	
CONTRACTOR Steelds Drilling Right	OWNER		—
HOLE SIZE 11/2 T.D. 3732	CEMENT		
HOLE SIZE 7/4 T.D. 5732 CASING SIZE DEPTH	AMOUNT ORDERED 29	- 69 436-12	
TUBING SIZE DEPTH	AMOUNT ORDERED _G	, , , , , , , , , , , ,	
DRILL PIPE 4/2 DEPTH 3761			
TOOL DEPTH			
PRES. MAX MINIMUM	COMMON	@ 13,50 1984,5	ي کو
MEAS. LINE SHOE JOINT	POZMIX 96	@ 7155 739,9	
CEMENT LEFT IN CSG.	GEL	@20.25 162,0	<u>o</u> _
PERFS.	CHLORIDE	_@	
DISPLACEMENT	ASC	_@	
EQUIPMENT	F10 61	_@ <i>2,45</i>	<u>s</u>
		_@	
PUMP TRUCK CEMENTER			
# 398 HELPER Thane RECEN	/ED	@ @	
BULK TRUCK	2000	_	—
# 4/0 DRIVER Terry DEC 31) \$1005	_	
BUILK TOUCK		_ @	
# DRIVER KCC W	HANDLING 122.	@ 2,25 274,5	*
•	MILEAGE 10/1/2/n//2	300. a	
REMARKS:	• /	TOTAL 3610.	3s-
1St 3705' 25 Sts			
2 nd 14151 25 sks	SERVI	CE	
3rd 816. 100 sks			
4th 280' 40 sks	DEPTH OF JOB		
5th 40' 10 sts	PUMP TRUCK CHARGE	990.0	<u>ئد</u>
	EXTRA FOOTAGE	@	<u>.</u>
Rat Hole 30 sks	MILEAGE	@ 7.00 56.00	
Mouse Hole 15 s/cs	MANIFOLD	@	
		_@	
		@	
CHARGE TO: Stack Oil		1.00.00	
STREET		TOTAL 1046.	00
		TOTAL	
OTATE 7ID		TOTAL	
CITYSTATEZIP	PLUC & FLOA		
CITYSTATEZIP	PLUG & FLOA	T EQUIPMENT	
	PLUG & FLOA	T EQUIPMENT	
	PLUG & FLOA	T EQUIPMENT	
Thanks !	PLUG & FLOA	T EQUIPMENT@	
To Allied Cementing Co., LLC.	PLUG & FLOA	T EQUIPMENT@	
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To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or	PLUG & FLOA Dry 166 Pro	T EQUIPMENT@	
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- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.
- 2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.
- 3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

 WARRANTIES:
- 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.
 - 2. More specifically:
- (A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.
- (B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.
- (C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.





WELL LOG

Operator: Staab Oil Company

Well:

Laurinda #1

Commenced:

11-5-09

Completed:

11-12-09

Contractor:

Shields Drilling Co.

CASING RECORD

Size

Run

Pulled

8 5/8" 230'

Cmtd. w/150 sax

Well Description:

330' FNL, 2,310' FEL NE/4 Sec. 25-12S-18W

Ellis Co., KS

Elevation:

2,161' K.B.

Treatment:

Production:

D & A

Tops:

Sand & shale	875'
Sand	1,155'
Sand & redbed	1,398'
Anhydrite	1,432'
Redbed & shale	2,045'
Shale	2,795'
Shale & lime	3,445'
Lime	3,725'
Arbuckle	3,749' RTD

RECEIVED
DEC 3 0 2009
KCC WICHITA