KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33936	API No. 15 - 185-23487-0000
Name: Charles Griffin	County: Stafford
Address: P.O. Box 670	NWSENW_Sec27_Twp.22_S. R.11_ East West
D	feet from S /N (circle one) Line of Section
City/State/Zip: Dryhole Purchaser:	1770 feet from E /(W)(circle one) Line of Section
Operator Contact Person: Charles Griffin	Footages Calculated from Nearest Outside Section Corner:
Phone: (_620) 680-1262	(circle one) NE SE NW SW
Contractor: Name: Beredco, Inc.	Lease Name: Curtis Well #:1
License: 5147	Field Name: Sleeper
Wellsite Geologist: Bruce Reed	Producing Formation:
Designate Type of Completion:	Elevation: Ground: 1811 Kelly Bushing: 1822
X New Well Re-Entry Workover	Total Depth: 3646 Plug Back Total Depth:
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 250 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐Yes ☑No
Slow Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
	If Alternate II completion, cement circulated from
If Workover/Re-entry: Old Well Info as follows:	
Operator:	feet depth to w/ AI+I-Dig-I 2109
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	
Plug Back Plug Back Total Depth	Chloride content 4000 ppm Fluid volume 500 bbls
	Dewatering method used Hauled by truck
	Location of fluid disposal if hauled offsite:
	Operator Name: BOB S OIL SERVICE
Other (SWD or Enhr.?) Docket No	Lease Name: Teichmann License No.: 33408
Spud Date or Date Reached TD Completion Date or	Quarter SW Sec 16 Twp 22 S. R. 12 East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Stafford Docket No.: D-23, 722
Sig .	
INSTRUCTIONS: An original and two copies of this form shall be filed with	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita. er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply.
Information of side two of this form will be held confidential for a period of 1	2 months if requested in writing and submitted with the form (see rule 82-3-
107 for confidentiality in excess of 12 months). One copy of all wireline logs	and geologist well report shall be attached with this form. ALL CEMENTING
TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regula	te the oil and gas industry have been fully complied with and the statements
herein are complete and correct to the best of my knowledge.	
Signature:	KCC Office Use ONLY
1/ a Fall dist	
Title.	Letter of Confidentiality Received
Subscribed and sworn to before me this 50 day of	 ' \ \ / :
20.07.	Wireline Log Received RECEIVEL
Notary Public: herse miff	Geologist Report Received KANSAS CORPORATION COMMISSION UIC Distribution
NOTARY PURITY	
Date Commission Expires:	

NY APPT. EXPRES 7-12-2009

Date Commission Expires:_

) Operator Name:C	harles Cr	iffin	Lease	Name:	Curtis-		Well #:	1	
		☐ East ☑ West			afford			-	
sted, time tool open mperature, fluid reco	and closed, flowing overy, and flow rate	and base of formations g and shut-in pressures s if gas to surface test, inal geological well site	, whether st along with f	nut-in pre	ssure reached :	static level, hyd	rostatic pressu	res, bottom	hole
rill Stem Tests Taken	-	XYes ☐ No		٦	og Formatio	on (Top), Depth	and Datum	∐ Sa	mple
· .		Yes No	Yes No		Name		Тор	Datum	
ores Taken		☐ Yes ☐ No			2 01	٦.	21101	1297'	
ectric Log Run		∏kYes		t	glas Sh	ale	3119' 3220'	1398'	
(Submit Copy)					wn Lime		3247 '	1425'	
t All E. Logs Run:				BKC	sing !		3502¹	1480'	
Borehol	Le Compena	ted			npson		3585		
Sonic	_	i ccu		Art	ouckle		3642'	1820'	
·				<u> </u>					
		CASING Report all strings set	G RECORD -conductor, su	Ne Inface, inte	_	ion, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used		d Percent itives
		-							
		ADDITIONA	L CEMENTIN	VG / SQU	EEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cement	#Sacks	Used	1	Type and	Percent Additives		1.
Protect Casing Plug Back TD				j					
Plug Off Zone									
Shots Per Foot	PERFORATION	ON RECORD - Bridge Plu	ıgs Set/Type		Acid, Frac	ture, Shot, Ceme	nt Squeeze Reco	rd	
GIIDIS 7 ET COUL	· Specify I	Footage of Each Interval Pe	erforated			nount and Kind of N	(aterial Used)		Depth
		· .			<u> </u>				
	, ,	,			•				
			***************************************			-			
					,				
JBING RECORD	Size	Set At	Packer A	t	Liner Run	Yes N	9		
	Production, SWD or E	nhr. Producing Me		Flowing	Pumpin	g ∏GasL	ін Пон	er (Explain)	
te of First, Resumerd		1							
ate of First, Resumerd l stimated Production Per 24 Hours		Bbls. Gas	Mcf	Water		ols.	Gas-Oil Ratio		Gravity

DEC 13 2007



TerraTech Energy Service, LLC

Oilfield Biochemicals - Sales & Service Wichita, KS

Bldg. 2 - Ste. 12 Wichita, KS 67213 Voice - 316.264.6066 FAX - 316.262.6557

DRILLING WELL INFORMATION - Curtis #1

Operator

Griffin Management, LLC

API Number:

15-185-23487

Co. Rep:

Charles Griffin

Lease:

1 Curtis

Spot Location: NW SE NW Section 27-22S-11W

Field:

Sleeper

County: Stafford

State: Kansas

Geologist@:

2980'

Elevation:

1811' GL / 1822' KB

Surface Casing:

8-5/8" @ 255'

Production:

NA

Mud Up:

2844'

RTD

3645

LTD

3646'

Contractor:

Beredco, Rig 10

Daily Penetration

11/14	Spud
11/15	255'
11/16	1602'
11/17	2600'
11/18	3330'
11/19	3460'
11/20	3645'

Bit Record

11/21

1	12-1/4"	Varel	Surface
2			CH20MS

Depth Out 255'

Footage 255'

Hours 1.5 Hours 60.25

3

7-7/8"

Varel CH20MS Varel CH20MS

P&A

Depth Out 3460' Depth Out 3645'

Footage 3205' Footage 185'

Hours 9.5

Drillstem Tests Trilobite Testing, Inc.

DST #1

Interval 3309' to 3330' Interval 3438' to 3460'

DST #2 DST #3

Interval 3610' to 3645'

RECEIVED KANSAS CORPORATION COMMISSION

DEC 13 2007

Electric Logs

Log-Tech, Inc. Radiation Guard Log / Sonic

(Detailed from 3000' to 3646' and Anhydrite Section)

CONSERVATION DIVISION WICHITA, KS

ALLIED CEMENTING CO., INC.

Federal Tax I.D.#

26375

SERVICE POINT: REMITTO P.O. BOX 31 RUSSELL, KANSAS 67665 Great Bradks SEC. RANGE CALLED OUT ON LOCATION JOB FINISH 105:00 P DATE 11-21-07 27 6:00 PM 225 1/11 COUNTY STATE LOCATION Hudson & STAFFORD STOFFEL LEASE (UST 'S WELL# OLD OR NEW (Circle one) BlackTOP 2E/2N2E, N/INTO OWNER Griffin Management CONTRACTOR Besch TYPE OF JOB Place T.D. 720FT **CEMENT** HOLE SIZE 77/8 AMOUNT ORDERED 1455x 60/40 **CASING SIZE** DEPTH **TUBING SIZE** DEPTH DRILL PIPE 11/ DEPTH 720FT TOOL **DEPTH** PRES. MAX 200 85I _____@_ **MINIMUM** COMMON__ MEAS. LINE SHOE JOINT POZMIX CEMENT LEFT IN CSG. @ **GEL** CHLORIDE PERFS. DISPLACEMENT Fresh Water ASC @ **EQUIPMENT** @ CEMENTER () PUMP TRUCK HELPER R **(**a) BÚĽK TRUCK @ # 260 BULK TRUCK DRIVER College @ @ **DRIVER** HANDLING @ MILEAGE _ **REMARKS:** TOTAL _ 720 FT Mix 505X **SERVICE** broke and Plug at DEPTH OF JOB 720 FT Mix 50 SX C- Hent PUMP TRUCK CHÁRGE DB15, Water 20 040T 60151 EXTRA FOOTAGE MILEAGE @ : @ MANIFOLD __ (a) __@ CHARGE TO: GriFFin Management RECEIVED KANSAS CORPORATION COMMISSION TOTAL DEC 13 2007 STREET CITY_____STATE ____ZIP__ CONSERVATION DIVISION VALUE CASE FLOAT EQUIPMENT @ To Allied Cementing Co., Inc. @ You are hereby requested to rent cementing equipment @ and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was TOTAL done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND TAX_ CONDITIONS" listed on the reverse side. TOTAL CHARGE ____ _____ IF PAID IN 30 DAYS DISCOUNT _

PRINTED NAME

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., 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.