

ORIGINAL

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 # 33906	API No. 15				
Name: Gnad Oil, LLC	Spot Description:				
Address 1: P.O. Box 580	NE_NW_SW_SE Sec. 30 Twp. 6 S. R. 18 ☐ East West				
Address 2:	1,090 Feet from North / South Line of Section				
City: Hays State: KS Zip: 67601 + 0580					
Contact Person: Michael L. Gnad	Footages Calculated from Nearest Outside Section Corner:				
Phone: (785) 650-7128	□NE □NW ☑SE □SW				
CONTRACTOR: License # 31548 RECEIVED	County: Rooks				
Name: Discovery Drilling Co., Inc.	Lease Name: Mayhew Well #: 1-30				
Wellsite Geologist: Herb Deines	Field Name: Wildcat				
Purchaser: KCC WICLUTA	Producing Formation: None				
Designate Type of Completion:	Elevation: Ground: 1999 Kelly Bushing: 2007				
✓ New Well Re-Entry Workover	Total Depth: 3611 Plug Back Total Depth:				
□ Oil □ wsw □ swb □ slow	Amount of Surface Pipe Set and Cemented at: 223.75 Feet				
☐ Gas Ø 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, cement circulated from:				
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.				
If Workover/Re-entry: Old Well Info as follows:	leet depin tosx cinc				
Operator:					
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
Original Comp. Date: Original Total Depth:					
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: 16,000 ppm Fluid volume: 240 bbls				
Conv. to GSW	Dewatering method used: Evaporation				
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:				
Commingled Permit #:	Operator Name:				
Dual Completion Permit #:					
SWD Permit #:	Lease Name: License #:				
ENHR Permit #:	QuarterSecTwpS. R East West				
GSW Permit #:	County: Permit #:				
10/29/2010 11/5/2010 11/6/2010					
Spud Date or Date Reached TD Completion Date or Recompletion Date					
INSTRUCTIONS: An original and two copies of this form shall be filed with	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita,				

Kansas 67202, within 120 days of the spud date, recompletion, workover 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 12 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.

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 <u>statements</u> herein are complete and correct to the best of my knowledge.

Signature: ayok my Sucar
Title: Resident Agent, MANAGER Date: 1-7-11

KCC Office Use ONLY				
Letter of Confidentiality Received				
Date:				
Confidential Release Date:				
Wireline Log Received				
Geologist Report Received				
UIC Distribution				
ALT I HI III Approved by: Do Date:				

Sec. 30 Twp.6	10					Mayhew		. Well #: 1-0		
	_S. R. 10	East	✓ West		: Rook					
INSTRUCTIONS: Show time tool open and closed recovery, and flow rates if line Logs surveyed. Attack	d, flowing and shu f gas to surface te	t-in pressi st, along v	ures, whether sl with final chart(s	hut-in pres	sure read	hed static level,	hydrostatic press	sures, bottom l	nole temperature, fluid	
Drill Stem Tests Taken (Attach Additional Sheets) Samples Sent to Geological Survey Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy) Yes No Yes No		es No	·Qı		Log Formation (Top), Dep		d Datum	Sample		
		s 🗸 No		Andydrite Top			Top Datum 1528 + 479 1559 + 448			
		es 🗌 No	No		Andydrite Top Andydrite Base Topeka Shale Topeka Shale Topeka Shale Topeka BKC AR buckle Reagan Sand		05946 55986 701 701 701 701	- 986 - 1179 - 1229 - 1443 - 1524 - 1553		
List All E. Logs Run:					GRX	Nite Was GRANIte D	ih 33.	566	- 1559 - 1595 - 1609	
			CASING		□ Ne					
Purpose of String	Size Hole Drilled	Siz	ort all strings set-c re Casing I (In O.D.)	onductor, s Wei Lbs.	ght	rmediate, producti Setting Depth	on, etc. Type of Cement	# Sacks Used	Type and Percent Additives	
Surface Pipe	12 1/4	8 5/8		23		223.75	Common	150	2%Gel&3%CC	
			ADDITIONAL	CEMENTI	NG / SQL	EEZE RECORD	J			
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Type of Cement		# Sacks Used		Type and Percent Additives				
Plug Back TD Plug Off Zone										
Shots Per Foot	hots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
		unduration variable in the internet								
		NO. OF THE PARTY O								
TUBING RECORD:	Size:	Set At:		Packer A	At:	Liner Run:	Yes No			
Date of First, Resumed Prod	duction, SWD or EN	HR.	Producing Meth	nod: Pumpir	ng 🗌	Gas Lift 🔲 C	Other (Explain)		44.4	
Estimated Production Per 24 Hours	Oil I	3bls.	Gas	Mcf	Wat	er B	bls. (Gas-Oil Ratio	Gravity	
DISPOSITION (Used on Lease		N Dpen Hole Other (Specify)	NETHOD OF		Comp. Cor	nmingled mit ACO-4)	PRODUCTI	ON INTERVAL:	

ALLIED CEMENTING CO., LLC. 036860

REMIT TO P.O. BOX 31 **SERVICE POINT: RUSSELL, KANSAS 67665** Gueat Bend WS TWP. CALLED OUT ON LOCATION **JOB START** JOB FINISH **RANGE** 18 630 PM DATE 10-29-10 700 PM COUNTY STATE LEASE Mayhen WELL # 1 - 30 LOCATION Stackton 4 N OLD OR NEW (Circle one) CONTRACTOR Discovery OWNER TYPE OF JOB Surface **CEMENT** HOLE SIZE 12知 T.D. 224 AMOUNT ORDERED 150 C/455 A 3% C CASING SIZE 83 DEPTH 224 **DEPTH TUBING SIZE** DRILL PIPE **DEPTH** TOOL @ 13.50 2025.00 **COMMON** PRES. MAX **MINIMUM POZMIX** MEAS. LINE **SHOE JOIN** @ 20.25 60.75 CEMENT LEFT IN CSG. **GEL** @ 51.50 257.5 **CHLORIDE** PERFS. DISPLACEMENT ASC 13.25 **EQUIPMENT** @ @ CEMENTER wayne -D PUMP TRUCK @ # 224 HELPER Biv @ **BULK TRUCK** @ DRIVER CS- Kevin - W # 473 **@ BULK TRUCK** DRIVER @ 2.25 HANDLING 154 750.00 MILEAGE /50 x 50 % 10 TOTAL 3. 430. **REMARKS:** Pipe on Bottom Break circulation **SERVICE** oith Ris Much Mix 1508x Class A 3% " 2% Gel Displace 13:25 ABLS fresh water DEPTH OF JOB 224 PUMP TRUCK CHARGE Shut in. EXTRA FOOTAGE @ 7.00 350 % Coment did a circulate Ris Down MILEAGE 50 @ @ MANIFOLD _____ CHARGE TO: GNEL CHE CITY_____STATE ____ 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

PRINTED NAME___

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.

TOTAL CHARGES ____ _ IF PAID IN 30 DAYS DISCOUNT _

SALES TAX (If Any) -

TOTAL _

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 the 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.
- 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) Dâmage 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 fost 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. 041767

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SEF	RVICE POINT:				
	ALLED OUT ON LOCATION	JOB START JOB FINISH 6:30AM 7:00AM				
	4 4 8 4	COUNTY STATE				
	TON 4N 4 2W	KOOKS KANSAS				
OLD OR NEW (Circle one)						
CONTRACTOR DISCOVERY DALG, Right I TYPE OF JOB ROTARY Plus	OWNER					
HOLE SIZE 7 78 T.D. 36/2	CEMENT	- 69/ 101				
CASING SIZE 85/8 SUPPLIE DEPTH 224	AMOUNT ORDERED 24	S SX 140 Worler				
TUBING SIZE DEPTH	4# F10-5001	Per Sx,				
DRILL PIPE 4/2 X H @ DEPTH 35/0						
TOOL DEPTH PRES. MAX MINIMUM	COMMON/Y7	@ 13.50 1984.50				
MEAS. LINE SHOE JOINT	POZMIX 98	@ 7,55 739.90				
CEMENT LEFT IN CSG.	GEL F	@ 20.25 162,00				
PERFS.	CHLORIDE	@				
DISPLACEMENT	ASC					
EQUIPMENT	1,2 0,1	@				
		@ @				
PUMPTRUCK CEMENTER G/PHM						
# 417 HELPER Richard		@				
BULK TRUCK		@				
# 423 DRIVER GARRY	and the second s	@				
BULK TRUCK # DRIVER						
# DRIVER	HANDLING 245	@ 2.2r 55/.25				
DEMARKS	MILEAGE Note forde	/225.00				
REMARKS:	· · · · · · · · · · · · · · · · · · ·	TOTAL 4662,25				
25 SK@ 35/0	CEDA	VICE.				
25 SK @ 15 15	SERVICE					
100 SK @ 70T	DEPTH OF JOB					
10 36 40'	PUMP TRUCK CHARGE					
30 SHE RATHOLE	EXTRA FOOTAGE					
15 Ske mousehole	MILEAGE 5	@ 7,00 350,00				
	MANIFOLD	@				
CHARGE TO: SWED VIL LIC.		TOTAL /340,00				
STREET		TOTAL 757000				
CITYSTATEZIP	PLUG & FLO	AT EQUIPMENT				
		@				
<i>♣.</i> /						
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		TOTAL				
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.	SALES TAX (If Any)					
1 ERIVIS AND CONDITIONS HISTER OIL THE TEVELSE SIDE.	TOTAL CHARGES					
CAIRAL CACCILIA						
PRINTED NAME GALEN GASCHUEL	DISCOUNT	IF PAID IN 30 DAYS				
SIGNATURE Dela Disuler						
	,					

GENERAL TERMS AND CONDITIONS

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- -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.
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 - -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.