

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15-071-20,590-00-00  
County Greeley **ORIGINAL**  
Approx. SE - NE - NW - Sec. 11 Twp. 18S Rge. 43 X W

Operator: License # 30605  
Name: HGB Oil Co./Edwin C. Schuett & Sharp Engineering  
Address 1707 S. Jasmine

810 Feet from S (circle one) Line of Section  
3150 Feet from W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

City/State/Zip Denver, CO 80224  
Purchaser: Scurlock Permian

Lease Name Brewer Well # 2  
Field Name Moore-Johnson  
Producing Formation Morrow

Operator Contact Person: Edwin C. Schuett  
Phone (303) -825-6005

Elevation: Ground 3915' KB 3923'  
Total Depth 5250' PBDT \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 351 Feet

Contractor: Name: Emphasis Oil Operations  
License: 8241

Multiple Stage Cementing Collar Used? X Yes \_\_\_\_\_ No  
If yes, show depth set 2471' Feet

Wellsite Geologist: Rick Hall

If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOV  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, MSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan ALT 2 - Conf key Dist. S. M. Docket / D. Rawlen 5-31-94 DPW  
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back \_\_\_\_\_ PBDT  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
4/27/93 5/7/93 6-29-93  
Spud Date Date Reached TD Completion Date

Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter Sec. Twp. S Rng. E/W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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.

All requirements of the statutes, rules and regulations promulgated by the State Corporation Commission and 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 Edwin C. Schuett  
Title Agent for HGB & Co-operator Date 6-30-93  
Subscribed and sworn to before me this 30th day of June, 1993.  
Notary Public Barbara A. Hinman  
Date Commission Expires March 9, 1994

RECEIVED  
STATE CORPORATION COMMISSION  
JUL - 9 1993 79-93  
K.C.C. OFFICE USE ONLY  
Center of Confidentiality Attached  
Wichita, Kansas Wireline Log Received  
C \_\_\_\_\_ Geologist Report Received  
Distribution  
KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

residing at: 5941 Newcombe Court, Arvada CO 80004

Operator Name HGB Oil Co./Edwin C. Schuett & Lease Name Brewer Well # 2  
 Sharp Eng.  East County Greeley  
 Sec. 11 Twp. 18S Rge. 43  West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)  
 List All E.Logs Run:  
 BHP Dual Induction & Compensated Neutron/  
 Density Logs

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample		
Name	Top	Datum
Stone Corral	2617	+1306
Shawnee	3893	+30
Heebner	4080	-157
Lansing	4146	-223
Marmaton	4600	-677
Cherokee	4701	-778
Atoka	4954	-1031
Morrow Shale	5044	-1121
Stockholm Sand	5144	-1221
Lower Morrow Ls	5163	-1240

CASING RECORD  New  Used  
 Mississippiian 5200 -1277  
 Report all strings set-conductor, surface, intermediate, production, 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
Surface	12 3/4	8 5/8	20	351	60/40 ppx	200	3% CC 2% gel
Production	7 7/8	5 1/2	14	5249	Class A	150	3% KCl 0.6% Fluid loss

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	2471	lite	500	1/4#/sx flocele 500 g mud sweep

Shots 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
4	5146-5148 & 5152-5157	A/1000 g 7 1/2% Fe, Frac w/15000 g gelled KCL wtr & 20000# sd	

TUBING RECORD Size 2 7/8 Set At 5171 Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SVD or Inj. 6-23-93 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	36	nil	7		

Disposition of Gas:  Vented  Sold  Used on Lease (if vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_  
 Production Interval \_\_\_\_\_

## HGB OIL COMPANY ET AL BREWER #2 - DRILL STEM TEST RESULTS

## DST #1 5028-5170:

op 30, SI 60, op 60, SI 60. 1st op - 1" choke, Str blo off bottom 1", GTS 7" @ 110 MCF/d inc to 186 MCF/d in 30". 2nd op - 1.25" choke, GTS, 215 MCF/d in 5" inc to 256 MCF/d in 20" then dec to 206 MCF/d in 60". Rec 4780' GIP & 290' sl O&GCM (5%G, 1/2% Oil & 94.5% mud). IHMP 2437, IF 169-133, ISIP 466, FF 193-145, FSIP 407, FHMP 2413. Spl Chamber - rec 4.28 cu ft gas, 25 ml oil & 225 ml mud, pres 375#.

## DST #2 5147 to 5178.

op60, SI60, op90, SI120. 1st op - GTS in 6" @ 196 MCF, inc to 248 MCF in 30" then dec to 241 MCF in 60". 2nd op - GTS immed @ 196 MCF, inc to 264 MCF in 15" then dec to 186 MCF in 90". Rec 4769' GIP, 169' clean gassy oil (36 gr) & 179' gassy MCO (10% G, 70% O, 20% M). IHMP 2531, IF 109-97, ISIP 477, FF 121-133, FSIP 454, FHMP 2484. Spl Chamber - rec 1.29 cu ft gas, no fluid, pres 400#.

RECEIVED  
STATE CORPORATION COMMISSION

JUL - 9 1993

CONSERVATION DIVISION  
Wichita, Kansas

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC. 5075

Home Office P. O. Box 31      Russell, Kansas 67665

*New*

Date	4-27-93	Sec.	11	Fwp.	195	Range	43W	Called Out	3:30 PM	On Location	2:00 PM	Job Start	9:40 PM	Finish	10:30 AM
Lease	Brewer	Well No.	2	Location	Tribune-15W-3N-2E-4S			County	Greeley	State	KS.				

Contractor		<i>Emphasis Rig #10</i>	
Type Job		<i>Surface</i>	
Hole Size	<i>12 1/4</i>	T.D.	<i>355</i>
Csg.	<i>8 5/8 20'</i>	Depth	<i>354</i>
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	<i>15 ft</i>	Shoe Joint	
Press Max.		Minimum	
Meas Line	<i>NO</i>	Displace	<i>22 bbls</i>
Perf.			

Owner *HGB Oil Co.*

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 listed.

Charge To *Emphasis Oil Operations*

Street

City \_\_\_\_\_ State \_\_\_\_\_

The above was done to satisfaction and supervision of owner agent or contractor.

**EQUIPMENT**

No.	Cementor	<i>Ken Terry</i>
Pumptrk <i>300</i>	Helper	
No.	Cementor	<i>Fitz</i>
Pumptrk	Helper	
	Driver	
Bulktrk <i>315</i>		
Bulktrk	Driver	

Purchase Order No. \_\_\_\_\_

*X N. K. Hennessy*

**CEMENT**

Amount Ordered *200 SK. 60/40 Poz 370cc 270gal*

Consisting of

Common	<i>120 SK.</i>
Poz. Mix	<i>80 SK.</i>
Gel.	
Chloride	<i>6 SK.</i>
Quickset	

DEPTH of Job *354*

Reference:	
	<i>8 5/8 Surface Plug</i>
Sub Total	
Tax	
Total	

Handling		Sales Tax	
Mileage			
		Sub Total	
		Total	

Remarks: *Hook up and circulate mud. Hook up and pump 200 sk. 60/40 poz 370cc + 270 gal. Displace with fresh water. Cement did circulate into PIT*

Floating Equipment **RECEIVED**  
 STATE CORPORATION COMMISSION

JUL - 9 1993

CONSERVATION DIVISION  
 Topeka, Kansas

*Ken & Crew*

## 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 willful 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.

TEL

AREA CODE 913 483-2627

## ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31  
RUSSELL, KANSAS 67665TO: H. G. B. Oil Company  
P. O. Box 122  
Andover, KS 67002 Attn: Gary SharpINVOICE NO. 64055  
PURCHASE ORDER NO. \_\_\_\_\_  
LEASE NAME Brewer #2  
DATE May 27, 1993

## SERVICE AND MATERIALS AS FOLLOWS:

Lite 500 sks @\$5.85	\$2,925.00	
Mud Sweep 500 gal. @\$1.80	<u>900.00</u>	\$3,825.00
Handling 500 sks @\$1.00	500.00	
Mileage (100) @\$.04¢ per sk per mi	2,000.00	
Port Collar	525.00	
Mi and @\$2.25 pmp trk chg	<u>225.00</u>	<u>3,250.00</u>
	Total	\$7,075.00

Thank you!

Cement circulated

*Long string**Hard 5660<sup>00</sup>*  
If account CURRENT 20% discount will  
be allowed ONLY if paid within 30 days  
from date of invoice. *OK 65*

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

TELEPHONE:  
AREA CODE 913 483-2627

# ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31  
RUSSELL, KANSAS 67665

TO: H G B Oil Co.  
% Sharp Engineering  
P. O. Box 122  
Andover, KS 67002

INVOICE NO. 63852  
PURCHASE ORDER NO. \_\_\_\_\_  
LEASE NAME Brewer #2  
DATE 5-7-93

SERVICE AND MATERIALS AS FOLLOWS:

Common 150 sks @\$6.85	\$1,027.50	
FL-28 84 lbs @\$8.28	695.52	
KCL 423 lbs @\$.40¢	169.20	
Mud Sweep 500 gal @\$1.80	<u>900.00</u>	\$2,792.22
Handling 150 sks @\$1.00	150.00	
Mileage (100) @\$.04¢ per sk per mi	600.00	
Long String	1,170.00	
Mi @\$2.25 pmp trk chg	225.00	
1 plug	<u>45.00</u>	2,190.00
1 Guide Shoe-----\$	125.00	
1 AFU Insert-----	189.00	
8 Centralizers-----	448.00	
1 BASKET-----	127.00	
1 Port Collar-----	<u>1,785.00</u>	2,674.00

Total

\$7,656.22

Thank you!

612488

ORC'S

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.