

MUST BE TYPED

SIDE ONE

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

API NO. 15- 199-70294-00-00

County Wallace

- NE - NW - NW Sec. 24 Twp. 14S Rge. 40 X X E W

348 Feet from S/N (circle one) Line of Section

839 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Grandview Well # 1

Field Name \_\_\_\_\_

Producing Formation Niobrara

Elevation: Ground 3646 KB 3651

Total Depth 3183 PBTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 372! Feet

Multiple Stage Cementing Collar Used? Yes X No \_\_\_\_\_

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit) *Aut. Data*  
7-25-02

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: **RECEIVED**  
KANSAS CORPORATION COMMISSION

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. JAN 06 2003

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W  
CONSERVATION DIVISION  
WICHITA, KS

County \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator: License # \_\_\_\_\_

Name: Deep Rock Exploration,

Address 111 W. 12th

Goodland, Kansas 67735

City/State/Zip \_\_\_\_\_

Purchaser: \_\_\_\_\_

Operator Contact Person: Ross McGuckin

Phone (785) 899-7060

Contractor: Name: Murfin Drilling

License: \_\_\_\_\_

Wellsite Geologist: Curtis Covey

Designate Type of Completion  
X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW \_\_\_\_\_ Temp. Abd.

X Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW \_\_\_\_\_

\_\_\_\_\_ Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD  
\_\_\_\_\_ Plug Back \_\_\_\_\_ PBTD

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

7-16-02 7-20-02 8-1-02  
Spud Date Date Reached TD Completion 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 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 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.

Signature Ross McGuckin

Title \_\_\_\_\_ Date 12-30-02

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_.

Notary Public \_\_\_\_\_

Date Commission Expires \_\_\_\_\_

K.C.C. OFFICE USE ONLY  
F \_\_\_\_\_ Letter of Confidentiality Attached  
C \_\_\_\_\_ Wireline Log Received  
C \_\_\_\_\_ Geologist Report Received  
  
Distribution  
\_\_\_\_\_ KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
\_\_\_\_\_ KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other  
(Specify)

SIDE TWO

Operator Name Deep Rock Exploration

Lease Name Grandview Well # 1

East

County Wallace

Sec. 24 Twp. 14 Rge. 40  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.)

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Name	Top	Datum
Ft. Hayes	1013	+2638
Greenhorn	1264	+2387
Dakota	1462	+2189
Cheyenne	1796	+1855
Stone-Corral	2772	+879

List All E.Logs Run:  
Dual Compensated Porosity Log  
Dual Induction Log  
Microresistivity Log  
Sonic

CASING RECORD

New  Used

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 1/4"	8 5/8"		372	common	275	gel chloride
production	7 7/8"	4 1/2"		1218	50/50 poz	230	10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<u>REMOVE VAL</u> Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

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	1014-1020	250 gas HCL

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

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

# ALLIED CEMENTING CO., INC. 09509

Federal Tax I.D. XXXXXXXXXX ORIGINAL

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

SERVICE POINT:  
Oakley

DATE <u>7-16-02</u>	SEC. <u>24</u>	TWP. <u>14s</u>	RANGE <u>40w</u>	CALLED OUT	ON LOCATION <u>7:20 PM</u>	JOB START <u>9:50 PM</u>	JOB FINISH <u>10:15 PM</u>
LEASE <u>Grandview Farms</u>			WELL# <u>1</u>	LOCATION <u>Sharon Springs 5s 1/4 E in</u>		COUNTY <u>Wallace</u>	STATE <u>Ks</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Murfin Drig Rig 3

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 376'

CASING SIZE 8 5/8 DEPTH 372'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 22 3/4 Bbls

OWNER Same

CEMENT AMOUNT ORDERED 275 sks Com 39 cc 290 Gcl

COMMON	<u>275 sks @ 7.85</u>	<u>2158.75</u>
POZMIX	_____ @ _____	_____
GEL	<u>5 sks @ 10.00</u>	<u>50.00</u>
CHLORIDE	<u>10 sks @ 30.00</u>	<u>300.00</u>
_____	_____ @ _____	_____
_____	_____ @ _____	_____
_____	_____ @ _____	_____
_____	_____ @ _____	_____
HANDLING	<u>275 sks @ 1.10</u>	<u>302.50</u>
MILEAGE	<u>49/sk/mile</u>	<u>638.00</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Dean

# 300 HELPER Wayne

BULK TRUCK

# 361 DRIVER Jarrod

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**RECEIVED**  
KANSAS CORPORATION COMMISSION

TOTAL 3449.25

REMARKS: JAN 06 2003 SERVICE

Cement did circulate

Thank you

CONSERVATION DIVISION  
WICHITA, KS

DEPTH OF JOB	<u>372'</u>
PUMP TRUCK CHARGE	<u>520.00</u>
EXTRA FOOTAGE	_____ @ _____
MILEAGE	<u>58 Miles @ 3.00</u> <u>174.00</u>
PLUG	<u>8 5/8 Surface Plug @</u> <u>45.00</u>
_____	_____ @ _____
_____	_____ @ _____

TOTAL 739.00

CHARGE TO: Deep Rock Exploration

STREET 111 W 12th

CITY Goodland STATE Ks ZIP 67235

**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 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

TOTAL CHARGE 4188.25

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Keith [Signature]

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.



155 North Market, Suite 1050 • Wichita, Kansas 67202

ATTENTION, NEW BILLING ADDRESS!!  
 Mail Remittance to: S Mud-Co / Service Mud Inc.  
 Wichita, KS 67202  
 PO Box 345  
 Kingman, Ks. 67068

**ORIGINAL**

SOLD TO: DEEP ROCK EXPLORATION  
 111 W 12TH  
 GOODLAND, KS 67735

INVOICE DATE  
 07/23/2002

INVOICE NO.  
 21736

SHIPPED TO: MURFIN #3  
 #1 GRANDVIEW  
 24-14-40W  
 WALLACE, KS

CUSTOMER ORDER NO.  
 16108

DATE SHIPPED  
 07/16/2002

PAGE  
 1

FROM: Warehouse - LAMAR F.O.B. VIA TERMS: NET 30 DAYS

QUANTITY	DESCRIPTION	UNIT PRICE	PER	AMOUNT
84	C/S HULLS	9.25	50#	777.00
7	CAUSTIC SODA	43.40	50#	303.80
2	DRILL PAK	289.14	50#	578.28
4	LIME	7.15	50#	28.60
363	PREMIUM GEL	7.20	100#	2,613.60
2	SAPP 50#	68.75	50#	137.50
14	SODA ASH #50	14.35	50#	200.90
6	SUPER LIG	18.25	50#	109.50

\*\*\* We're allowing a 15.00% cash discount of \*\*\*  
 \*\* (\$927.39) if invoice paid by 08/22/2002 \*\*

*PAID 5,398.56  
 PAID Ch #1086*

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 JAN 06 2003  
 CONSERVATION DIVISION  
 WICHITA, KS

Total Mud Cost . . . : 4,749.18  
 Trucking Cost . . . : 1,433.43  
 Trucking Surcharge: / 143.34  
 Sales Tax . . . . . : 0.00

PAST DUE ACCOUNTS ARE SUBJECT TO SERVICE CHARGE OF 1.25% PER MONTH AND ALL COSTS OF COLLECTION, INCLUDING ATTORNEY'S FEES.

TOTAL 6,325.95

Seller represents and warrants that all of the goods or materials herein specified and/or the performance of the services covered by this invoice have been produced and/or furnished in full compliance with the Federal Fair Labor Standards Act of 1938, as amended.  
 ADDRESS ALL CORRESPONDENCE REGARDING THIS INVOICE TO  
 MUD-CO / SERVICE MUD, INC., 155 N. MARKET, SUITE 1050, WICHITA, KANSAS 67202

GUSTOMER COPY

ORIGINAL <sup>AS 2/3</sup> ~~15/14~~

<b>MUD-CO</b> <b>SERVICE MUD INC.</b> 100 S. Main, Suite 405 • Wichita, KS 67202 • 316-264-2814	<b>DELIVERY TICKET</b>			<b>82440</b>
	DATE SHIPPED <b>7-16-02</b>	F.O.B. WAREHOUSE <input type="checkbox"/>	PREPAID <input type="checkbox"/>	FINAL WELL <input type="checkbox"/>
DELIVERING WAREHOUSE <b>Lamar Co</b>	WELL SITE <input type="checkbox"/>	COLLECT <input type="checkbox"/>	TICKET	

SOLD TO <b>Deep Rock Exploration</b>	SHIPPED TO <b>Murfin # 3</b>	WELL NAME & NO <b>#1 Grandview</b>
ADDRESS	SHIPPED VIA <b>T-39 P-17</b>	COUNTY STATE <b>Wallace ks</b>
CITY, STATE, ZIP	ORDER NO. <b>16108</b>	SEC TWN RNG <b>24 14 40</b>

PRODUCT	PACKAGE SIZE	QUANTITY	PRICING LIST	CODE	UNIT PRICE	AMOUNT
1. <b>Hazmat</b> Caustic Soda <b>RG 1000 lb</b> SODIUM HYDROXIDE-CORROSIVE UN# 1823-8-1310-73-2 EM# 1-800-424-9300	50#	10	Bag		43.90	
2. Mud-Co Gel	100#	112	Bag		7.30	
3. Salt Clay	50#		Bag			
4. Mud-Co Starch	50#		Bag			
5. Lime	50#	8	Bag		7.15	
6. Cotton Seed Hulls	50#	160	Bag		9.25	
7. Soda Ash	50#	10	Bag		14.35	
8. Lignite	50#	10	Bag		18.35	
9. Drill Pac	50#	2	Bag		279.14	
10.						
11.						
12.						
13.						
14. <b>Spud</b>						
15.						
16.						
17.						
18.						
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21.						
22.						

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**JAN 06 2003**  
 CONSERVATION DIVISION  
 WICHITA, KS

MATERIAL RECEIVED IN GOOD ORDER <i>Kath Vanket</i> DATE RECEIVED <b>7-16-02</b> PURCHASE AUTHORIZED BY	TRANSPORTATION CHARGES			SUB TOTAL	<b>3168.88</b>
	TRUCK #	MILEAGE	FROM	STALES TAX	
	@				
	@				
			TRANSPORTATION	<b>339.20</b>	
	TOTAL TRANSPORTATION CHARGES		TOTAL	<b>4021.08</b>	

ROUTING: WHITE - CUSTOMER; BLUE - CUSTOMER RIG; GREEN - WICHITA; CANARY - WAREHOUSE

ORIGINAL <sup>15544</sup>

**MUD-CO** / **SERVICE MUD INC.**

100 S. Main, Suite 405 • Wichita, KS 67202 • 316-264-2814

**DELIVERY TICKET**

82444

DATE SHIPPED <b>7-17-02</b>		F.O.B. WAREHOUSE <input type="checkbox"/>	PREPAID <input type="checkbox"/>	FINAL WELL <input type="checkbox"/>
DELIVERING WAREHOUSE <b>Lamar CO</b>		WELL SITE <input type="checkbox"/>	COLLECT <input type="checkbox"/>	TICKET
SOLD TO <b>Deep Rock Exploration</b>		SHIPPED TO <b>Murfin #3</b>		WELL NAME & NO <b>#1 Grandview</b>
ADDRESS		SHIPPED VIA <b>T-48</b>		COUNTY, STATE <b>Wallace KS</b>
CITY, STATE, ZIP		ORDER NO. <b>16108</b>		SEC TWN RNG <b>24 14 40w</b>

PRODUCT	PACKAGE SIZE	QUANTITY	PRICING LIST	CODE	UNIT PRICE	AMOUNT
1. Caustic Soda <b>RQ 1,000 lb</b> SODIUM HYDROXIDE-CORROSIVE UN# 1823-8-1310-73-2 EM# 1-800-424-9300 <i>Hazmat</i>	50#	<b>3</b>	Bag		<b>43.90</b>	
2. Mud-Co Gel	100#	<b>224</b>	Bag		<b>1.80</b>	
3. Salt Clay	50#		Bag			
4. Mud-Co Starch	50#		Bag			
5. Lime	50#		Bag			
6. Cotton Seed Hulls	50#		Bag			
7. Soda Ash	50#	<b>15</b>	Bag		<b>14.35</b>	
8. Lignite	50#	<b>3</b>	Bag		<b>18.25</b>	
9. Drill Pac	50#		Bag			
10. <b>Sapp</b>	<b>50#</b>	<b>2</b>	<b>Bag</b>		<b>118.75</b>	
11.						
12.						
13.						
14.						
15. <b>Reg Del</b>						
16.						
17.						
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RECEIVED  
KANSAS CORPORATION COMMISSION  
**JAN 06 2003**  
CONSERVATION DIVISION  
WICHITA, KS

X MATERIAL RECEIVED IN GOOD ORDER <i>Keith Vandyke</i> DATE RECEIVED <b>7-17-02</b> PURCHASE AUTHORIZED BY	TRANSPORTATION CHARGES			SUB TOTAL	<b>2150.50</b>
	TRUCK #	MILEAGE	FROM	SALES TAX	
	@			TRANSPORTATION	<b>316.80</b>
	@			TOTAL	<b>2517.30</b>
	@				

ROUTING: WHITE - CUSTOMER; BLUE - CUSTOMER RIG; GREEN - WICHITA; CANARY - WAREHOUSE

PLEASE PRESS FIRMLY: YOU ARE MAKING FOUR COPIES

ORIGINAL  
15/145

<b>MUD-CO / SERVICE MUD INC.</b> 100 S. Main, Suite 405 • Wichita, KS 67202 • 316-264-2814		<b>DELIVERY TICKET</b>		<b>82448</b>
		DATE SHIPPED <b>7-18-02</b>	F.O.B.	PREPAID
SOLD TO <b>Deep Rock Exploration</b>		DELIVERING WAREHOUSE <b>Lamar CO</b>	WAREHOUSE <input type="checkbox"/>	<input type="checkbox"/>
		SHIPPED TO <b>Murkin #3</b>	WELL SITE <input type="checkbox"/>	COLLECT <input type="checkbox"/>
ADDRESS		SHIPPED VIA <b>T-48</b>	WELL NAME & NO <b>#1 Grandview</b>	TICKET
CITY, STATE, ZIP		ORDER NO.	COUNTY, STATE <b>Wallace ks</b>	
			SEC <b>24</b> TWN <b>14</b> RNG <b>40</b>	

PRODUCT	PACKAGE SIZE	QUANTITY	PRICING LIST	CODE	UNIT PRICE	AMOUNT
1. Caustic Soda SODIUM HYDROXIDE-CORROSIVE UN# 1823-8-1310-73-2 EM# 1-800-424-9300	50#		Bag			
2. Mud-Co Gel	100#	<b>112</b>	Bag			<b>1720</b>
3. Salt Clay	50#		Bag			
4. Mud-Co Starch	50#		Bag			
5. Lime	50#		Bag			
6. Cotton Seed Hulls	50#	<b>160</b>	Bag			<b>925</b>
7. Soda Ash	50#	<b>10</b>	Bag			<b>1435</b>
8. Lignite	50#		Bag			
9. Drill Pac	50#	<b>1</b>	Bag			<b>289.14</b>
10.						
11.						
12.						
13.						
14.						
15. <b>Reg Del</b>						
16.						
17.						
18.						
19.						
20.						
21.						
22.						

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 06 2003

CONSERVATION DIVISION  
WICHITA, KS

X MATERIAL RECEIVED IN GOOD ORDER	TRANSPORTATION CHARGES			SUB TOTAL	<b>2719.09</b>
	TRUCK #	MILEAGE	FROM		
DATE RECEIVED <b>7-18-02</b>	@			SALES TAX	
PURCHASE AUTHORIZED BY	@			TRANSPORTATION	<b>361.43</b>
	@			TOTAL	<b>3080.49</b>
	TOTAL TRANSPORTATION CHARGES				

ROUTING: WHITE - CUSTOMER; BLUE - CUSTOMER RIG; GREEN - WICHITA; CANARY - WAREHOUSE

PLEASE PRESS FIRMLY. YOU ARE MAKING FOUR COPIES



# ORIGINAL

## MUD-CO / SERVICE MUD INC.

100 S. Main, Suite 405 • Wichita, KS 67202 • 316-264-2814

### DELIVERY TICKET

## 82455

DATE SHIPPED **7-22-02**

F.O.B. WAREHOUSE  WELL SITE

PREPAID  COLLECT

FINAL WELL TICKET

DELIVERING WAREHOUSE **Lamar Co**

SOLD TO **Deep Rock Exploration**

SHIPPED TO **Martin # 3**  
SHIPPED VIA **T-48 P-17**

WELL NAME & NO **#1 Grandview**  
COUNTY, STATE **Wallace Ks**

ADDRESS  
CITY, STATE, ZIP

ORDER NO. **111085**

SEC **24** TWN **14** RANG **40W**

PRODUCT	PACKAGE SIZE	QUANTITY	PRICING LIST	CODE	UNIT PRICE	AMOUNT
1. Caustic Soda SODIUM HYDROXIDE-CORROSIVE UN# 1823-8-1310-73-2 EM# 1-800-424-9300	50#	6	Bag		43.40	
2. Mud-Co Gel	100#	85	Bag		7.80	
3. Salt Clay	50#		Bag			
4. Mud-Co Starch	50#		Bag			
5. Lime	50#	4	Bag		7.15	
6. Cotton Seed Hulls	50#	236	Bag		2.25	
7. Soda Ash	50#	21	Bag		14.35	
8. Lignite	50#	7	Bag		18.25	
9. Drill Pac	50#	1	Bag		389.14	
10.						
11.						
12.						
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						
21.						
22.						

*Final Warehouse return*

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**JAN 06 2003**  
CONSERVATION DIVISION  
WICHITA, KS

MATERIAL RECEIVED IN GOOD ORDER	TRANSPORTATION CHARGES			SUB TOTAL	3802.24
	TRUCK #	MILEAGE	FROM		
DATE RECEIVED				SALES TAX	
PURCHASE AUTHORIZED BY				TRANSPORTATION	356.00
				TOTAL TRANSPORTATION CHARGES	TOTAL

*3802.24*  
*356.00*  
*3446.24*

ROUTING: WHITE - CUSTOMER; BLUE - CUSTOMER RIG; GREEN - WICHITA; CANARY - WAREHOUSE

PLEASE PRESS FIRMLY: YOU ARE MAKING FOUR COPIES

ORIGINAL

# Mud-Co / Service Mud, Inc.

Operator Deep Rock Exploration County Wallace, Ks. Pump 5 1/2 X 14 X 66 SPM Casing Program 8 5/8 " @ 372 ft.  
 Well #1 Grandview Location \_\_\_\_\_ GPM 7.45 " @ \_\_\_\_\_ ft.  
 Contractor Murfin Drilling #3 Sec 24 TWP 14S RNG 40W D.P. 4 1/2 in. 189 FT/MIN R.A. " @ \_\_\_\_\_ ft.  
 Stockpoint Lamar, Co. Date 07/16/02 Engineer Tony Maestas Collar 529 in. 497 ft. 334 FT/MIN R.A. Total Depth 3180 ft.

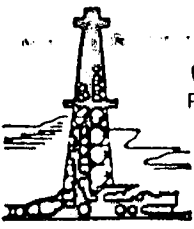
DATE	DEPTH feet	WEIGHT lb/gal	VISCOSITY			GELS 10 sec / 10 min.	pH Strip _ Meter _	FILTRATION		FILTRATION ANALYSIS			SAND %	RETORT			L.C.M. #/bbl	Pump Press. PSI	CUMULATIVE COST	REMARKS AND TREATMENT
			Sec API @ F	PV @ F	Yp			ml API	Cake 32nds	Pres. #/BBL	Cl ppm	Ca ppm		Solids %	Oil %	Water %				
07/16	0																		0 Move in rig	
07/17	372																		569 WOC	
07/18	1801	8.9	32	4	7	04/11	7.0	12.0	1		300	40		4.2		95.8	1/2		3,258 Drig., lost 200 bbls at 1259', lost 50 bbls at 1510'	
07/19	2819	8.7	48	13	18	11/23	11.0	8.0	1		2500	40		2.6		97.4	2		4,714 Bit trip	
07/20	3180																		4,714 Final, log OK	
																			Ran production casing	
																			Reserve pit: 27,000 ppm chlorides 1,150 bbls volume	
																			RECEIVED KANSAS CORPORATION COMMISSION	
																			JAN 06 2003	
																			CONSERVATION DIVISION WICHITA, KS	

### MUD-CO / SERVICE MUD INC

100 S. Main Suite #405  
Wichita, Ks. 67202  
316/264-2814 Fax: 316/264-5024

### DRILLING MUD RECAP

MATERIALS	SACKS	AMOUNT	MATERIALS	SACKS	AMOUNT	MATERIALS	SACKS	AMOUNT
C/S Hulls	84	777.00						
Caustic Soda	7	303.80						
Drill Pak	2	578.28						
Lime	4	28.60						
Premium Gel	363	2,613.60						
Sapp	2	137.50						
Soda Ash	14	200.90						
Super Lig	6	109.50						
						Total Mud Cost		4,749.18
						Trucking Cost		1,433.43
						Trucking surcharge		143.34
						Frac Tank Rental		
						<b>TOTAL COST</b>		<b>6,325.95</b>



**CEMENTER'S WELL SERVICE, INC.**  
 P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712

OUR INVOICE No 182425

ORIGINAL

*Deep Rock*

Date <i>7-20-02</i>	Well Owner <i>Exploration</i>	Well No. <i>#1</i>	Lease <i>Grandview</i>
County <i>Wallace</i>	State <i>Kansas</i>		Field <i>Farms</i>
Charge to <i>Deep Rock Exploration</i>	RECEIVED KANSAS CORPORATION COMMISSION		Charge Code
Address <i>111. W 12th</i>			For Office Use Only
City, State <i>Goodland, Kansas, 67935</i>	JAN 06 2003		
Pump Truck No. <i>1204</i>	Code	Bulk Truck No. <i>1211</i>	Code
Type of Job	Depth	Ft.	To
Surface	Bottom of Surface	Ft.	To
Plug	Plug Landed @ <i>1218'</i>	Ft.	Time On <i>18:15 pm</i>
Production <i>4 1/2" casing 10.5#</i>	Pipe Landed @ <i>1218'</i>	Ft.	Time Off <i>Plug Down @ 20:00 pm</i>

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat				
	Poz. Mix ✓ <i>50/50</i>	<i>230</i>	<i>SKS</i>		<i>6400.00</i>
	Calcium Chloride <i>1090 SALT</i>				
	Gel. <i>2</i> %† Flo-Cele #Per Sack				
	Handling Charge				
	Hauling Charge				
	Additional Cement				
<i>4 1/2"</i>	<i>Cent Calizecs</i>	<i>6</i>			
<i>"</i>	<i>RFU shoe</i>	<i>1</i>			
<i>"</i>	<i>latch down plug &amp; Batch</i>	<i>1</i>			
	<i>plug mouse hole w/ 10 SKS -</i>	<i>10</i>	<i>SKS</i>		
	<i>plug Batch w/ 15 SKS -</i>	<i>15</i>	<i>SKS</i>		
	<i>Mixing Rate 4 B.P.M. - Displacement Rate 6 B.P.M.</i>				
	<i>Yield 1.26 CU.FT./SK - Slurry WT. 14.2 P.P.G.</i>				

*PAID #1095*

Remarks: <i>Well flush w/ 10 BBLs Mud Flush</i>	Tax Reference Code	Sub Total	<i>6400.00</i>
<i>Displace w/ 19.3 BBLs KCL</i>	State <i>KAN 4.9%</i>	Tax	<i>313.60</i>
<i>latched plug w/ 2000 PST</i>	Disc.	Total	<i>6713.60</i>

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other Kansas	Total Mileage
<i>1204</i>		Pump Truck		<i>65</i>		<i>180</i>	
<i>1211</i>		Bulk Truck		<i>65</i>		<i>180</i>	

We do not assume any responsibility for any damage or conditions resulting from our services. All pricing is subject to review and revision.

Delivered By *Leon - Kenny*

Received By *[Signature]*  
 Customer or His Agent