

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

API NO. 15- 051-25090-000 ORIGINAL

County ELLIS

NE-SE-NW Sec. 27 Twp. 11 Rge. 19 ^E_W

1590 Feet from S(N) (circle one) Line of Section

2310 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 VINE Well # 8

Field Name SOLOMON

Producing Formation ARBUCKLE

Elevation: Ground 2088 KB 2093

Total Depth 3599' P8TD 3599'

Amount of Surface Pipe Set and Cemented at 217 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1374

feet depth to SURFACE w/ 150 sx cmt.

Drilling Fluid Management Plan alt. #2 KGR 8/8/07
(Data must be collected from the Reserve Pit)

Chloride content 15,000 ppm Fluid volume 100 bbls

Dewatering method used LET DRY AND BACKFILL

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 5259

Name: MAI OIL OPERATIONS, INC.

Address P.O. BOX 33

City/State/Zip RUSSELL, KS. 67665

Purchaser: NCRA

Operator Contact Person: ALLEN BANGERT

Phone (785) 483 2169

Contractor: Name: MURFIN DRILLING CO.

License: 30606

Wellsite Geologist: TODD MORGENSTERN

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back P8TD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

8-27-2001 9-2-2001 9-2-2001
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 Allen Bangert
Title Prod. Supt Date 12-12-2001

Subscribed and sworn to before me this 12th day of December, 2001.

Notary Public Verna May Hutchings

Date Commission Expires April 10, 2005

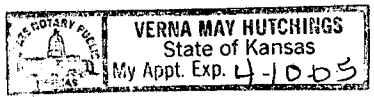
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

RECEIVED

DEC 17 2001

KCC WICHITA



Operator Name MAI OIL OPERATIONS, INC.

Lease Name VINE

Well # 8

Sec. 27 Twp. 11 Rge. 19

East

County ELLIS

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:

RADIATION GUARD

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
ANHYDRITE	1386	712
BASE ANHYDRITE	1428	672
TOPEKA	3052	-957
HEEBNER	3278	-1185
LANSING	3319	-1226
BKC	3538	-1445
MARMATON	3557	-1464
SIMPSON SHALE	3573	-1480
SIMPSON DOLOMITE	3582	-1489
ARBUCKLE	3596	-1503

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"	20#	217	60-40POZ	160	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	14#	3598	ASC	165	2% GEL 10% SALT 1/8PPS FLOCELE

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
		250 GAL 15% HCL FE

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
	2 7/8"	3597'		

Date of First, Resumed Production, SWD or Inj. 9-27-2001 Producing Method Flowing Pumping Gas Lift Other (Explain)

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

Disposition of Gas:

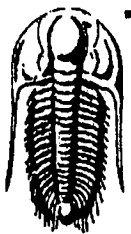
METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled 3599-3601'

Other (Specify) _____

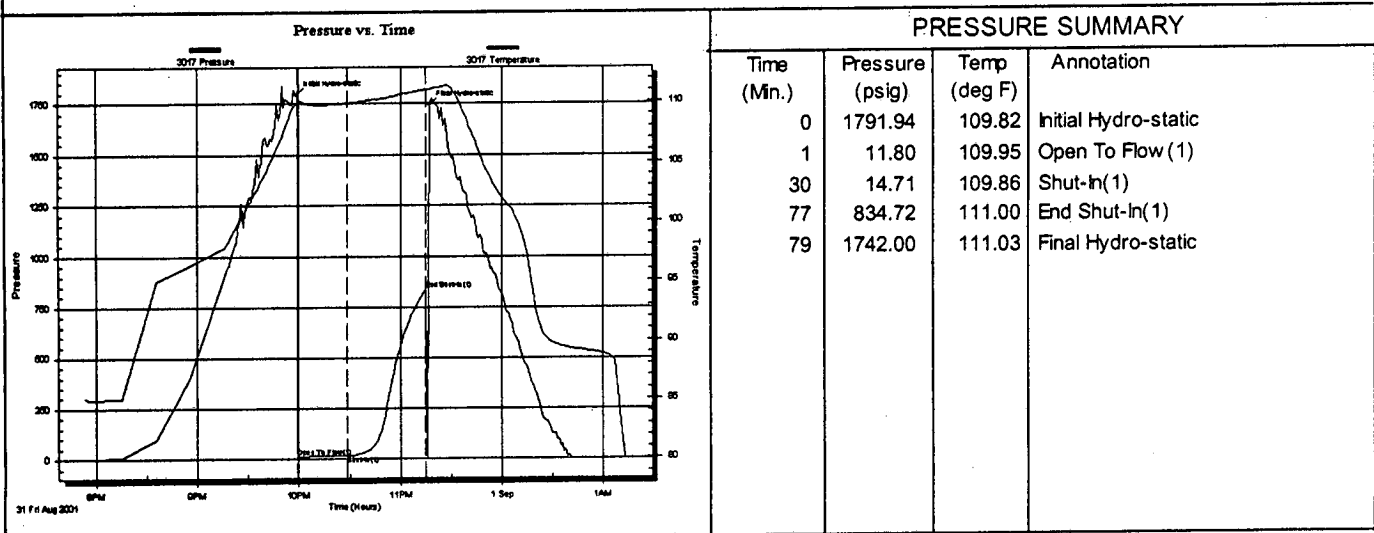
 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Mai Oil Operations Inc. P.O.Box 33 Russell, KS 67665 ATTN: Allen Bangert	Vine #8 27-11s-19w Ellis KS Job Ticket: 14789 DST#: 1 Test Start: 2001.08.31 @ 19:53:25

GENERAL INFORMATION:

Formation: Arbuckle	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: John Schmidt
Time Tool Opened: 21:59:25	Unit No: 18
Time Test Ended: 01:13:25	Reference Elevations: 2088.00 ft (KB)
Interval: 3586.00 ft (KB) To 3597.00 ft (KB) (TVD)	2082.00 ft (CF)
Total Depth: 3597.00 ft (KB) (TVD)	KB to GR/CF: 6.00 ft
Hole Diameter: 7.88 inches Hole Condition: Fair	

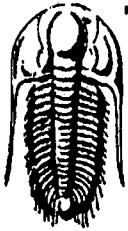
Serial #: 3017	Inside				
Press@RunDepth: 14.71 psig @ 3587.01 ft (KB)	Capacity: 7000.00 psig				
Start Date: 2001.08.31	End Date: 2001.09.01	Last Calib.: 2001.09.01			
Start Time: 19:53:26	End Time: 01:13:25	Time On Btr: 2001.08.31 @ 21:58:25			
		Time Off Btr: 2001.08.31 @ 23:16:55			

TEST COMMENT: IF-Weak Blow Dead in 10 min.



Recovery	Gas Rates																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Length (ft)</th> <th>Description</th> <th>Volume (bbl)</th> </tr> </thead> <tbody> <tr> <td>1.00</td> <td>Mud W.-Few oil Specks</td> <td>0.00</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Length (ft)	Description	Volume (bbl)	1.00	Mud W.-Few oil Specks	0.00													<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Choke (inches)</th> <th>Pressure (psig)</th> <th>Gas Rate (Mcf/d)</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)									
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ORIGINAL



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations Inc.

Vine #8

P.O.Box 33
Russell, KS 67665

27-11s-19w Ellis KS

Job Ticket: 14790

DST#: 2

ATTN: Allen Bangert

Test Start: 2001.09.01 @ 07:23:04

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 09:23:04
Time Test Ended: 15:03:04

Test Type: **Conventional Bottom Hole**
Tester: **John Schmidt**
Unit No: **18**

Interval: **3588.00 ft (KB) To 3599.00 ft (KB) (TVD)**
Total Depth: **3597.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2088.00 ft (KB)**
2082.00 ft (CF)
KB to GR/CF: **6.00 ft**

Serial #: 3017

Inside

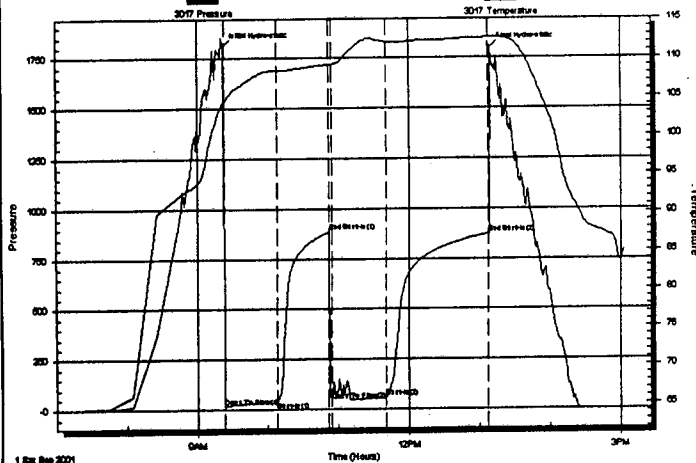
Press@RunDepth: **57.80 psig @ 3589.01 ft (KB)**
Start Date: **2001.09.01** End Date:
Start Time: **07:23:05** End Time:

2001.09.01
15:03:04

Capacity: **7000.00 psig**
Last Calib.: **2001.09.01**
Time On Btrm: **2001.09.01 @ 09:22:34**
Time Off Btrm: **2001.09.01 @ 13:08:34**

TEST COMMENT: **IF-Weak Surface Blow Built to 1.5"**
FF- Very Weak Surface Blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1811.41	104.31	Initial Hydro-static
1	16.17	104.46	Open To Flow (1)
46	39.30	108.34	Shut-in(1)
89	889.24	109.13	End Shut-in(1)
91	46.11	109.18	Open To Flow (2)
138	57.80	112.07	Shut-in(2)
225	878.40	112.63	End Shut-in(2)
226	1801.84	112.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	H-M-C-Oil	0.30
15.00	Free Oil	0.07

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

ALLIED CEMENTING CO., INC.

Federal Tax I.D.#

1001 ORIGINAL

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

SERVICE POINT:

4

DATE <u>8-28-01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>12:00 pm</u>	JOB START	JOB FINISH <u>1:45 pm</u>
LEASE <u>Wine</u>	WELL # <u>8</u>	LOCATION <u>Yocemento E J. 70 N 6</u>			COUNTY <u>Ellis</u>	STATE <u>ks</u>	
OLD OR <u>NEW</u> (Circle one)		<u>Green Club 1N 3/4 Eurb</u>					

CONTRACTOR Murfin #8

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 217

CASING SIZE 8 5/8 DEPTH 217

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10-15'

PERFS.

DISPLACEMENT 12 3/4

OWNER Same

CEMENT

AMOUNT ORDERED 1160 4 1/4 39cc
2 9/16 gal

COMMON	<u>96</u>	@	<u>665</u>	<u>638.40</u>
POZMIX	<u>64</u>	@	<u>355</u>	<u>227.20</u>
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>5</u>	@	<u>30.00</u>	<u>150.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mark

345 HELPER Wade

BULK TRUCK

713 DRIVER Shane

BULK TRUCK

DRIVER

HANDLING	<u>168</u>	@	<u>1.10</u>	<u>184.80</u>
MILEAGE	<u>4 1/2 / sk</u>	/mile		<u>114.24</u>

RECEIVED TOTAL 1344.64

DEC 17 2001
NCC WICHITA

SERVICE

REMARKS:

Cement Cure

Shane

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>520.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>17</u>	@	<u>3.00</u>	<u>51.00</u>
PLUG	<u>8 5/8 wood</u>	@		<u>45.00</u>

TOTAL 616.00

CHARGE TO: Main oil operations

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

	@			
	@			
	@			
	@			
	@			

TOTAL 7.00

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or

RECEIVED
DEC 17 2001
NCC WICHITA

ALLIED CEMENTING CO., INC. ORIGINAL

Federal Tax I.D. [] []

SERVICE POINT: R

TO P.O. BOX 31
RUSSELL, KANSAS 67665

DATE <u>9/01/01</u>	SEC. <u>27</u>	TWP. <u>11s</u>	RANGE <u>19w</u>	CALLED OUT	ON LOCATION <u>10:30 p.m.</u>	JOB START	JOB FINISH <u>3:45 A.M.</u>
LEASE <u>Vine</u>	WELL# <u>8</u>	LOCATION <u>Yocemento N. to Green Club</u>	COUNTY <u>Ellis</u>	STATE <u>Ks.</u>			
OLD OR <u>NEW</u> (Circle one)		<u>1/2 N E INTO</u>					

CONTRACTOR Martin #8

TYPE OF JOB Production string

HOLE SIZE <u>7 7/8"</u>	T.D. <u>3599'</u>
CASING SIZE <u>5 1/2"</u>	DEPTH <u>3598'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>Port collar</u>	DEPTH <u>1374'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>30"</u>
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>87 bbl.</u>	

OWNER

CEMENT

AMOUNT ORDERED 190 s x ASC 290 lbs
10% salt 1/8" Flo Seal 3/4 of 190 CD-3
500 gal WFR-2

COMMON <u>190 ASC</u>	@ <u>8.50</u>	<u>1615.00</u>
POZMIX	@	
GEL <u>3</u>	@ <u>10.00</u>	<u>30.00</u>
CHLORIDE	@	
Salt <u>18</u>	@ <u>7.00</u>	<u>126.00</u>
Flo Seal <u>24#</u>	@ <u>1.40</u>	<u>33.60</u>
CD-3 <u>134#</u>	@ <u>5.50</u>	<u>737.00</u>
WFR-2 <u>500 gals</u>	@ <u>1.00</u>	<u>500.00</u>
HANDLING <u>211</u>	@ <u>1.10</u>	<u>232.10</u>
MILEAGE <u>4 1/2 sk/mile</u>		<u>143.40</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Paul</u>
# <u>153</u>	HELPER <u>Jason</u>
BULK TRUCK	
# <u>160</u>	DRIVER <u>Darin</u>
BULK TRUCK	
#	DRIVER

RECEIVED

DEC 17 2001

ALL WICHITA SERVICE

TOTAL 3417.10

REMARKS:

Cent. on 124, 121, 109, 107

P.C. on #33 @ 1374' Basket on 124, 53

Mixed 500 gal. WFR-2 Followed w/

175sx. Displaced plug.

Float Held.

15sx Rathole

10sx Mousehole

Thank You!

DEPTH OF JOB

PUMP TRUCK CHARGE		<u>1130.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>17</u>	@ <u>3.00</u>	<u>51.00</u>
PLUG <u>5 1/2 TRIP</u>	@	<u>50.00</u>
	@	
	@	

CHARGE TO: Mai Oil Oper.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

<u>5 1/2"</u>		
Cruise Shoe <u>1</u>	@	<u>150.00</u>
AFU Insert <u>1</u>	@	<u>235.00</u>
Centralizer <u>4</u>	@ <u>50.00</u>	<u>200.00</u>
Port collar <u>1</u>	@	<u>1750.00</u>
Basket <u>2</u>	@ <u>128</u>	<u>256.00</u>

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or

TOTAL 2591.00

ALLIED CEMENTING CO., INC.

0991

ORIGINAL

Federal Tax I.D.#

SERVICE POINT:

R

TO P.O. BOX 31
RUSSELL, KANSAS 67665

DATE <u>9/17/01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>10:00A.M.</u>	JOB START	JOB FINISH <u>11:30A.M.</u>
LEASE <u>Vine</u>	WELL # <u>8</u>	LOCATION <u>Cour Club Yaw E Euro</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Rapid

TYPE OF JOB Port Collar

HOLE SIZE	T.D.
CASING SIZE <u>5 1/2</u>	DEPTH
TUBING SIZE <u>2 1/2</u>	DEPTH
DRILL PIPE	DEPTH
TOOL <u>P.C.</u>	DEPTH <u>1374'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

OWNER _____

CEMENT

AMOUNT ORDERED 400 w/40 lb 20 Gel
1/4 # Flt

USED 350 3x (Plover 150)
TVine #1 200

COMMON	<u>210</u>	@	<u>665</u>	<u>1396.00</u>
POZMIX	<u>140</u>	@	<u>355</u>	<u>497.00</u>
GEL	<u>18</u>	@	<u>10.00</u>	<u>180.00</u>
CHLORIDE		@		
<u>Floccal</u>	<u>88</u>	@	<u>140</u>	<u>123.20</u>
		@		
		@		
		@		
		@		
HANDLING	<u>420</u>	@	<u>110</u>	<u>462.00</u>
MILEAGE	<u>445</u>	@	<u>1/10 mile</u>	<u>285.00</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Paul</u>
# <u>153</u>	HELPER <u>Jason</u>
BULK TRUCK	
# <u>213</u>	DRIVER <u>Shane</u>
BULK TRUCK	
# <u>160</u>	DRIVER <u>Alan</u>

RECEIVED

DEC 17 2001

WICHITA

SERVICE

TOTAL 2944.00

REMARKS:

Port collar @ 1374' Press. CSG
to 1000 psi. Opened tool. Circulated
cement w/ 150 st. shut tool. Repress.
to 1000 psi. Ran 10jts. Washed clean.

Topped of TVine # 1 w/ 200 3x

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>630.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>17</u> @ <u>3.00</u> <u>51.00</u>
PLUG	@
	@
	@
TOTAL	<u>681.00</u>

CHARGE TO: Mai

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment
and furnish cementer and helper to assist owner or

TOTAL _____