

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

Operator: License # 31431

Name: Barton Exploration Inc.

Address 623 W. 16th

913-483-6150

City/State/Zip Russell, Kansas 67665

Purchaser: N/A

Operator Contact Person: Lonnie Barton

Phone (913) 735-4572

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Jim Musgrove

Designate Type of Completion
 New Well Re-Entry Workover

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

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

12-15-94 12-29-94
Spud Date Date Reached TD Completion Date

API NO. 15-155-21342-00-00

County Reno County, Kansas

SW SE Sec. 16 Twp. 24S Rng. 9 XX W

600 Feet from (circle one) Line of Section

2040 Feet from (circle one) Line of Section

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

Lease Name Stroberg Well # 1

Field Name _____

Producing Formation None

Elevation: Ground 1643 KB 1651

Total Depth 3900 PBSD _____

Amount of Surface Pipe Set and Cemented at 270' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan NOA 3-26-96
(Data must be collected from the Reserve Pit) LC

Chloride content _____ ppm Fluid volume 800 bbls

Dewatering method used Hauled off sight

Location of fluid disposal if hauled offsite: _____

Operator Name Nicholas Water Service

Lease Name Wilson SWD License No. 5086

Quarter 32 Twp. 27S S Rng. 5W E/W

County KM County Docket No. D20014

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 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 Lonnie Barton

Title Agent Date 1-26-95

Subscribed and sworn to before me this 26 day of January, 19 95.

Notary Public Debra Steinkle

Date Commission Expires 6-19-96

DEBRA STEINLE
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 6-19-96

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC
 KGS
 SWD/Rep
 Plug
 Other
JAN 31 - 30-85
1005
NGPA
WICHITA, KANSAS

SIDE TWO

Operator Name Barton Exploration, Inc.

Lease Name Stroberg

Well # 1

Sec. 16 Twp. 24S Rge. 9
 East
 West

County Reno County, Kansas

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.)

Log Formation (Top), Depth and Datum Sample
Name Top Datum

Copies of Both Drill Stem Tests included with this form.

List All E.Logs Run:
Dual Induction
Optional curve Gamma Ray
Dual Spaced Neutron
Compensated Density
(FWS) Fracture Finder/MSG

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"	24#	270'	60/40 Poz	200	3%cc 2%gel
Conductor	17 1/2"	13 3/8"		58'	60/40 Poz	260	3%CaCl ₂ 2%gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth

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
D&A	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity

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

JAMES C. MUSGROVE
Petroleum Geologist
2021 Forest
P.O. Box 1162
Great Bend, Kansas 67530

ORIGINAL

Office (316) 792-7716

Res. Claflin (316) 587-3444

Barton Exploration
Stroberg #1
60' South & 60' West C-SW-SE
Section 16-24s-9w
Reno County, Kansas
Page No. 1

API#15-155-21342

DRY AND ABANDONED

CONTRACTOR: Duke Drilling Company (Rig #1)

COMMENCED: 12-16-94

COMPLETED: 12-28-94

ELEVATIONS: 1652' K.B.; 1649' D.F.; 1643' G.L.

CASING PROGRAM: Conductor; 13 3/8" @ 58 production; none
Surface; 8 5/8" @ 270

SAMPLES: Samples saved and examined 2700' to the Rotary Total Depth.

DRILLING TIME: One (1) foot drilling time recorded and kept 2700' to the Rotary Total Depth.

ELECTRIC LOG: By Halliburton Logging Services; Dual Induction Laterolog, Compensated Density Dual Spaced Neutron Log, and Frac Finder.

FORMATION TESTING: There were two (2) drill stem tests ran by Arrow Testing.

<u>FORMATION</u>	<u>ELECTRIC LOG DEPTH</u>	<u>SUB-SEA DATUM</u>
Heebner	3071	-1419
Toronto	3085	-1433
Douglas	3096	-1444
Brown Lime	3252	-1600
Lansing	3276	-1624
Base Kansas City	3632	-1980
Mississippi Chert	3761	-2109
Mississippi Lime (Gilmore City)	3818	-2166
Kinderhook Shale	3831	-2179
Rotary Total Depth	3900	-2248
Log Total Depth	3899	-2247

ARROW TESTING COMPANY

P. O. BOX 1051

GREAT BEND, KANSAS 67530

DRILL-STEM TEST DATA

ORIGINAL

APl#15-155-21342

Well Name Stroberg	Test No. 1
Well Number 1	Zone Tested Miss
Company Barton Exploration Inc.	Date 12/27/94
Comp. Rep. J Musgrove	Tester Don Fabricius
Contractor Duke Drly	Ticket No. 3182
Location 16-24-9	Elevation

Recorder No. 3088 Clock Range 12 Recorder No. 4377 Clock Range 12

Depth 3470 Depth 3774

Initial Hydro Mud Press. 1923 Initial Hydro Mud Press. 1924

Initial Shut-in Press. 1151 Initial Shut-in Press. 1146

Initial Flow Press. 82-58 Initial Flow Press. 82-58

Final Flow Press. 58-58 Final Flow Press. 58-58

Final Shut-in Press. 1002 Final Shut-in Press. 997

Final Hydro Mud Press. 1923 Final Hydro Mud Press. 1924

Temperature _____ Tool Open Before I. S. I. 30 Mins.

Mud Weight 9.4 Viscosity 47 Initial Shut-in 45 Mins.

Fluid Loss 11 Flow Period 45 Mins.

Interval Tested 3742-78 Final Shut-in 60 Mins.

Top Packer Depth 3737 Surface Choke Size 1"

Bottom Packer Depth 3742 Bottom Choke Size 3/4

Total Depth 3778 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 X H Wt. 16.60 Rubber Size 6 3/4

Drill Collar I. D. _____ Ft. Run _____

Recovery—Total Feet _____

Recovered 65 Feet Of Mud

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Remarks

Gas to surface in 5 min gauge 76,000 in 10 min - 68,800 in 20 - 57,700 in

30 min - second open gauge - 195,000 in 10 min - 51,600 in 20 - 44,800 in 30

44,800 in 45 min.

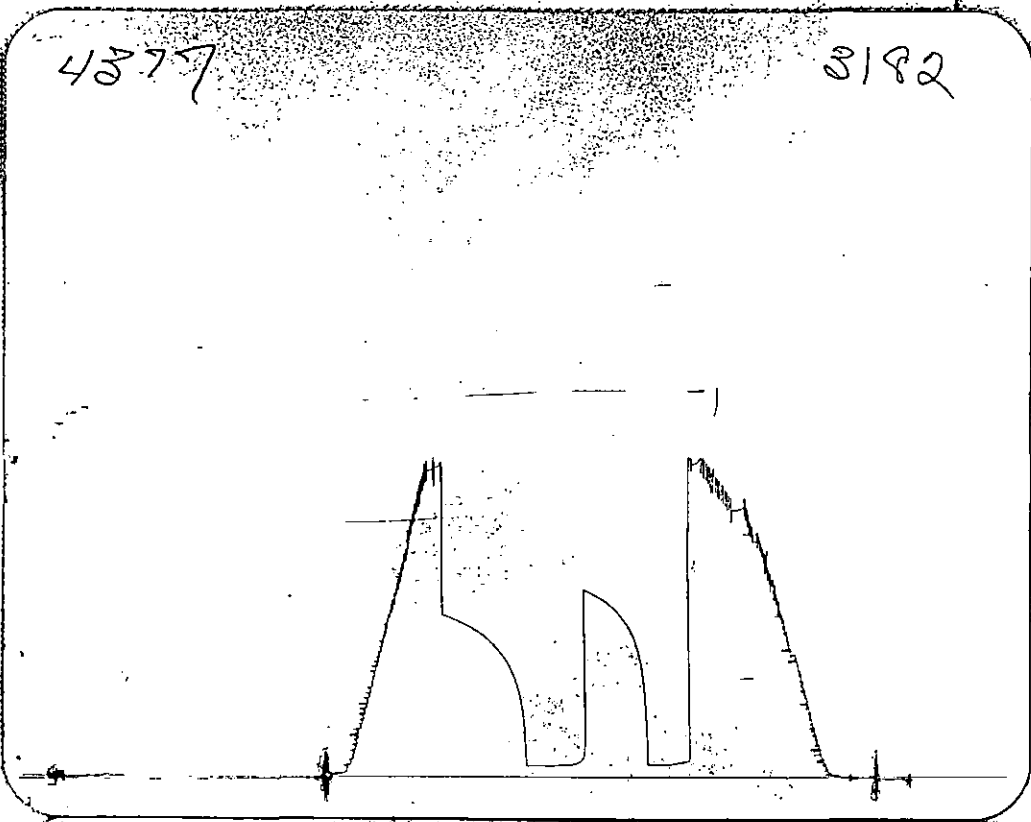
THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED. CONDITIONS: It is expressly understood and agreed that the above described work shall be done under the exclusive control, direction and supervision of the owner or contractor. As a part of the consideration for this agreement, it is expressly understood and agreed that Arrow Testing Company shall not be responsible for damages or losses of any kind whatsoever occasioned by or incident to the use of the above described Tools, whether run or operated by customer, or by anyone employed directly or indirectly by Arrow Testing Company, nor whether resulting from the acts or omissions of Arrow Testing Company, or any of its agents, servants or employees in any way connected with or related to the use of such Tools.

It is expressly understood and agreed that Arrow Testing Company, shall not be bound by any agreement, not herein contained, and no agent or representative connected with or employed by Arrow Testing Company has authority to alter or extend the terms of this agreement. I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

By _____
Owner Operator or his Agent

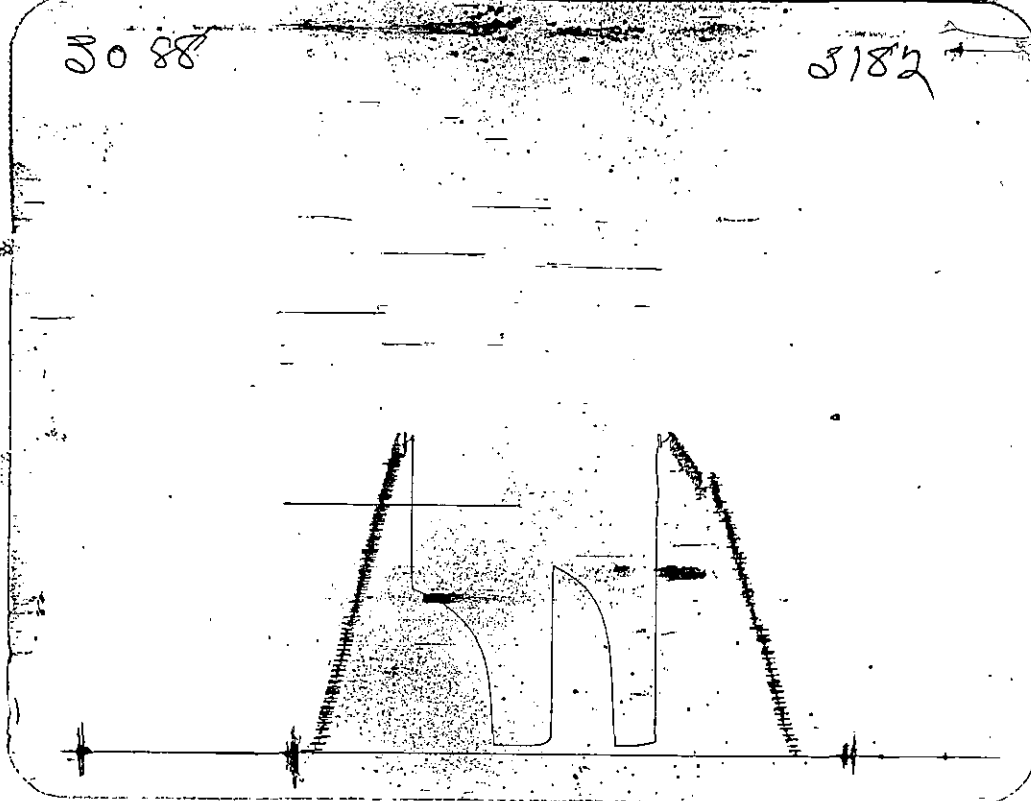
4377

5182



3088

5182



ARROW TESTING COMPANY
P. O. BOX 1051 GREAT BEND, KANSAS 67530

API # 15-155-21342

DRILL-STEM TEST DATA

ORIGINAL

Well Name Stroberg	Test No. 2
Well Number 1	Zone Tested Miss
Company Barton Exploration Inc.	Date 12/27/94
Comp. Rep. J Musgrove	Tester Don Fabricius
Contractor Duke Drly	Ticket No. 3183
Location 16-24-9	Elevation

Recorder No. 3088	Clock Range 12	Recorder No. 4377	Clock Range 12
Depth 3784		Depth 3788	
Initial Hydro Mud Press. 1912		Initial Hydro Mud Press. 1913	
Initial Shut-in Press. 1312		Initial Shut-in Press. 1318	
Initial Flow Press. 47-47		Initial Flow Press. 46-46	
Final Flow Press. 58-58		Final Flow Press. 58-58	
Final Shut-in Press. 1266		Final Shut-in Press. 1260	
Final Hydro Mud Press. 1912		Final Hydro Mud Press. 1913	
Temperature		Tool Open Before I. S. I. 30	Mins.
Mud Weight 9.4	Viscosity 42	Initial Shut-in 45	Mins.
Fluid Loss 12		Flow Period 45	Mins.
Interval Tested 3778-92		Final Shut-in 45	Mins.
Top Packer Depth 3773		Surface Choke Size 1"	
Bottom Packer Depth 3778		Bottom Choke Size 3/4	
Total Depth 3792		Main Hole Size 7 7/8	
Drill Pipe Size 4 1/2 X H	Wt. 16.60	Rubber Size 6 3/4	
Drill Collar I. D.	Ft. Run		

Recovery—Total Feet _____

Recovered 65 Feet Of Muddy water with spots of oil on top

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Remarks

Weak blow thru-test

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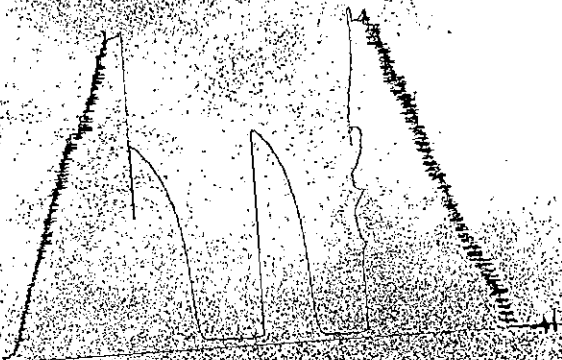
It is expressly understood and agreed that Arrow Testing Company, shall not be bound by any agreement, not herein contained, and no agent or representative connected with or employed by Arrow Testing Company has authority to alter or extend the terms of this agreement. I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

By _____
Owner Operator or his Agent

3088

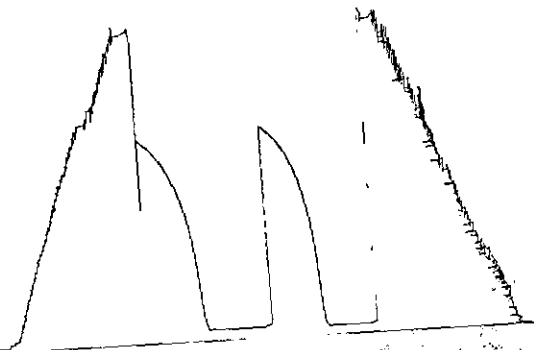
3183

ORIGINAL



4377

3183



ALLIED CEMENTING CO., INC.

1162

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

ORIGINAL

SERVICE POINT:

Great Bend

DATE <u>12-17-94</u>	SEC. <u>16</u>	TWP. <u>24S</u>	RANGE <u>9</u>	CALLED OUT <u>12:00 pm</u>	ON LOCATION <u>3:00 pm</u>	JOB START <u>7:25 pm</u>	JOB FINISH <u>7:45 pm</u>
Strobarg LEASE	WELL # <u>1</u>	previa LOCATION <u>15-W1110</u>				COUNTY <u>Reno</u>	STATE <u>KS</u>

OLD OR (NEW) (Circle one)

CONTRACTOR Duke #1

TYPE OF JOB surface

HOLE SIZE 12 1/4 T.D. 277

CASING SIZE 8 5/8 DEPTH 272

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____ DISP 16.40

OWNER Same

CEMENT

AMOUNT ORDERED 200 sq. 6 3/4 243

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER DON H

120 HELPER Tim D

BULK TRUCK _____

_____ DRIVER _____

BULK TRUCK _____

222 DRIVER Rick W

TOTAL _____

REMARKS:

Dumped all cement
Released plus displaced
Down cement this did circulate
BY Allied Cementing
THANKS DON

SERVICE

DEPTH OF JOB 277

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG _____ @ _____

_____ @ _____

TOTAL _____

Bill to Duke

CHARGE TO: Barton EXP. INC

STREET 623 W. 15th

CITY Russell STATE KS ZIP 67665

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

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.

SIGNATURE [Signature]

STATE OF KANSAS RECEIVED
JAN 30 1995
BOND DIVISION
WICHITA, KANSAS

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

Phone 913-625-5516, Hays, KS
 Phone 913-672-3471, Oakley, KS

ORIGINAL

Phone 316-886-5926, Medicine Lodge, KS
 Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC. TEL 6854
 Home Office P. O. Box 31 Russell, Kansas 67665

12-19-94 12-17-94

New

Date	12-16-94	Sec.	16	Twp.	24	Range	9	Called Out	10 ⁰⁰ AM	On Location	11 ⁰⁰ AM	Job Start	12 ⁰⁰ AM	Finish	1 ⁰⁰ AM
Lease	Stroberg	Well No.	#1	Location	Pluma + 50 Hwy 1 1/2 N 1/2 S			County	Reno	State	KS				
Contractor	Duke Drilling Rig #1											Owner	Borton Exploration Inc		
Type Job	Supplies - job											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.			
Hole Size	17 1/2	T.D.	54 ft												
Csg. No. & size	13 3/8	Depth	54 ft												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	15 ft	Shoe Joint													
Press Max.		Minimum													
Meas Line	413 ft	Displace	6.5 bbl												
Perf.															

EQUIPMENT

<i>M. B. D.</i>	No.	Cementer	Mike M
Pumptrk	170	Helper	Dave S
	No.	Cementer	
Pumptrk		Helper	
		Driver	Rick W
Bulktrk	101		
Bulktrk		Driver	

DEPTH of Job 58 ft

Reference:	Pump Truck Charge	
	Mileage Charge	
1	13 3/8 Wooder Plug	
	Sub Total	
	Tax	
	Total	

Remarks: Circulate Hole
 Mix Cement Release plug Displace
 it Down with water
 Cement did Circulate
 Allied Cementing Co Inc
 with job work

Charge To Duke Drilling

Street

City State

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

Purchase Order No. *NA Moore*

X *Mary Thompson*

CEMENT Thank You

Amount Ordered 60 @ 300 7200

Consisting of

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	

Handling

Mileage

Sub Total

Total

Thank You

Floating Equipment

1000 Pusher with 1000 lbs Cement
 till it comes around 11:00 AM
 Also Release plug & Pump Plug
 after Cement comes around

JAN 3 6 1995

NA Moore