

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

ORIGINAL

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address: 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: N/A

Operator Contact Person: Lisa Thimmesch

Phone (316) 267-4375

Contractor: Name: White & Ellis

License: 5420

Wellsite Geologist: B. Mathiesen

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, USW, Expl., Cathodic, etc)

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

Operator: _____

Well Name: _____ *12-11-96*

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back _____ PBYD

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

9-25-94 10-4-94 10-27-94
Spud Date Date Reached TD Completion Date

API NO. 15- 101-21,686-0000

County Lane

W/2 NW. NW. Sec. 6 Twp. 19 Rge. 27W

660 Feet from S/W (circle one) Line of Section

330 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 E. Shapland Trust-6B #1

Field Name _____

Disposal Cedar Hills
Producing Formation _____

Elevation: Ground 2730 XB 2735

Total Depth 4616 PBYD 1960

Amount of Surface Pipe Set and Cemented at 211 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 ALT 2 JH 1-31-95
(Data must be collected from the Reserve Pit)

Chloride content 3,500 ppm Fluid volume 400 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

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 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 [Signature]

Title President Date 12/13/94

Subscribed and sworn to before me this 12th day of December, 1994.

Notary Public Lisa Thimmesch

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 MGPA
 KGS Plug Other
(Specify)
DEC 14 1994

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-29-95

Form/ACO-1 (7-91)

Operator Name Ritchie Exploration, Inc. Lease Name E. Shapland Trust-6B #1

Sec. 6 Twp. 19 Rge. 27W East County Lane 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:
 Gamma Ray CCG-Correlation Log

Log Formation (Top), Depth and Datum Sample

Name Top Datum

See attached sheet

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> 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"	28#&32#	211'	60/40 poz Common	140	2% gel 3% CC
production	7 7/8	4 1/2		2103'	65/35	475	4% CC 1/4# flo 6% gel & cel 1/4# flo-seal

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate	surface	50/50 poz	78	6% gel
<input type="checkbox"/> Protect Casing	682'			
<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
1	1768-1788 (Cedar Hills)		

TUBING RECORD Size 2 3/8" Set At 1721.76' Packer At 1721.76' Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 10-27-94 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: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000
Wichita, Kansas 67202-1775

316-267-4375 FAX 316-267-3026

#1 E. Shapland Trust-6B
W/2 NW NW
Section 6-19S-27W
Lane County, Kansas
API# 15-101-21,686-~~0000~~
White & Ellis Rig 8
Elevation: 2730' G.L. 2735' K.B.

SAMPLE TOPS

Anhydrite	2081'(+ 654)
B/Anhy	2112'(+ 623)
Heebner	3949'(-1214)
Lansing	3985'(-1250)
Stark	4262'(-1527)
B/KC	4341'(-1606)
Marmaton	4371'(-1636)
Pawnee	4459'(-1724)
Myrick Sta	4494'(-1759)
Fort Scott	4515'(-1780)
Cherokee	4537'(-1802)
Johnson zn	4573'(-1838)
Miss	4604'(-1869)
RTD	4616'(-1881)

12-11-96

DST #1 from 4290' to 4308' (Middle Creek). Recovered 1' free oil and 39' oil cut mud (10% oil, 90% mud).
IFP:33-33#/45";ISIP:215#/45";
FFP:44-44#/45";FSIP:76#/45".

DST #2 from 4317' to 4327' (L/KC "L" zone). Packer failure.

DST #3 from 4292' to 4327' (L/KC Middle Creek through "L" zone). Recovered 15' oil specked watery mud (95% mud, 5% water); 124' oil specked watery mud (80% mud, 20% water); and 681' muddy water (5% mud, 95% water).
IFP:56-235#/30";ISIP:783#/30";
FFP:257-403#/30";FSIP:772#/30".

DST #4 from 4450' to 4596' (Pawnee through Conglomerate sand). Recovered 30' slightly oil cut mud (5% oil, 95% mud).
IFP:33-33#/30";ISIP:235#/30";
FFP:44-44#/30";FSIP:67#/30".

DST #5 from 4578' to 4609' (Mississippi). Recovered 30' oil specked mud (2% oil, 98% mud).
IFP:33-33#/30";ISIP:950#/30";
FFP:33-44#/30";FSIP:950#/30".

DST #6 from 4609' to 4616' (Mississippi). Recovered 40' watery mud (95% mud, 5% water).
IFP:33-33#/30";ISIP:1174#/30";
FFP:33-44#/30";FSIP:828#/30".

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 1647

NEW

Date	10-6-94	Sec.	6	Wp.	19	Range	27	Called Out		On Location		Job Start		Finish	
Lease	E. Shapland Trust		Well No.	1		Location	Alamola 3W-3 1/2 S			County	Lane		State	Ks.	
Type Job								Owner							
Hole Size								T.D.							
Csg.								Depth							
Tbg. Size								Depth							
Drill Pipe								Depth							
Tool								Depth							
Cement Left in Csg.								Shoe Joint							
Press Max.								Minimum							
Meas Line								Displace							
Perf.															

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 *Ritchie Exploration Inc*
 Street *125 N. Market Suite 1000*
 City *Wichita* State *Ks 67202*

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

Purchase Order No.
 CEMENT

EQUIPMENT

Pick-up No.	Cementer	<i>Mike Maier</i>
Pump <i>210</i>	Helper	
Pumptrk No.	Cementer	
	Helper	
	Driver	
Bulktrk		
Bulktrk	Driver	

Amount Ordered	
Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
	Sales Tax
Handling	
Mileage	<i>12-11-96</i>
	Sub Total
	Total

DEPTH of Job

Reference:	<i>Temperature Survey & Chart</i>
	Total

Floating Equipment

Total \$
Disc -
\$

Remarks:

Allied Cementing Co., Inc.

TEMPERATURE SURVEYS

Send the following information with temperature survey charts:

Date 10-6-94 Place Blamota 3W-3 1/2 S-Eveto

Company Name Ritchie Exploration Inc.

Mailing Address 125 N. Market Suite 1000 City Wichita State KANSAS

Owner of Well A. Scott Ritchie Contractor White & Ellis

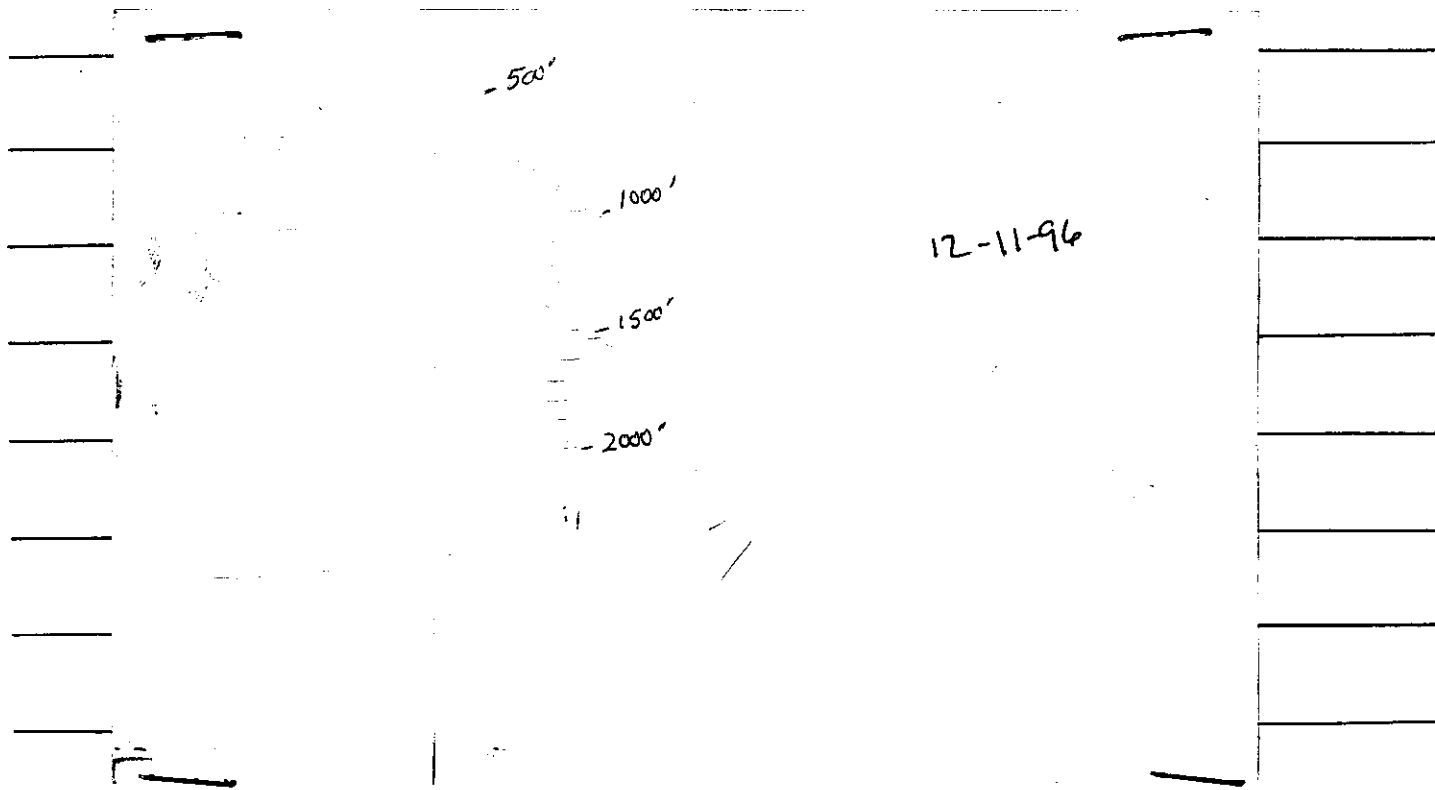
Farm E. Shepland Inset - 6B Well No. 1 County Lawe Sec. 6 Twp. 19 Rge. 27

Depth of Well 4616 Depth of Casing 2103 New or Used X Size 9.50" Weight 9.50# Size of Hole _____ Amount of Cement 490

Kind of Cement 65/35 6% gel 1/4" Flo Seal/SK

Survey from 50' To 2071'

DETAILS



KCC OIL/GAS REGULATORY OFFICE

DATE 10/18/94

[] New Situation
[] Response to Request
[x] Follow-up

OPERATOR Ritchie Exploration, Inc. # 4767

NAME 125 N. Market, Ste. 1000

LOCATION W/2 NW NW, SEC 6, T 19 S, R 27 W
6B

& ADDRESS Wichita, KS 67202

LEASE E. Shapland Trust Well # 1

PHONE NO. OPER. OTHER

COUNTY Lane
API#15-101-21,686

REASON FOR INVESTIGATION: Alternate II cementing.

LEASE INSPECTION

PROBLEM: Cement top at 750'.

PERSON(S) CONTACTED:

FINDINGS: Ran 1" tubing to 682'. Circulated 80 sx cement up the backside and 2 barrels into the pit. Used 50/50 Pozmix 8% gel by Allied.

COMPLAINT

12-11-96

RECEIVED
STATE CORPORATION COMMISSION

OCT 20 1994
10-20-94
CONSERVATION DIVISION
KANSAS

ACTION/RECOMMENDATIONS: Job complete. photos taken:

FIELD REPORT

Retain 1 copy Joint District Office
Send 1 copy Conservation Division

By Steve Middleton
10/18/94

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

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

ALLIED CEMENTING CO., INC.

6639

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	10-18-94	Sec.	6	Twp.	19	Range	27	Called Out	8:30 AM	On Location	12:50 P.M.	Job Start	1:00 P.M.	Finish	1:30 P.M.
Lease	E. Shepley Just ^{188'} Well No.		1	Location		Alamata SW-34S East Lane			County	KS		State	KS		

Contractor	Express Well	
Type Job	one inch	
Hole Size	T.D.	
Csg.	Depth	
Tbg. Size	1 inch	Depth 682'
Drill Pipe	Depth	
Tool	Depth	
Cement Left in Csg.	Shoe Joint	
Press Max.	400 ^{psi}	Minimum 100 ^{psi}
Meas Line	Displace	
Perf.		

Owner *Sesne*
 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.
Ritchie Exploration
 Charge To *A. Scott Ritchie Inc.*
 Street *125 N. Market Suite 1000*
 City *Wichita* State *Ko. 67202*
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *[Signature]*
 X *[Signature]*

CEMENT

Amount Ordered	200.50 / 50 bags (Used 785 lbs.)		
Consisting of			
Common	39	5.75	224.25
Poz. Mix	39	3.00	117.00
Gel.	4	9.00	36.00
Chloride			
Quickset			
Handling	200	1.00	200.00
Mileage	27		216.00
Total			793.25

EQUIPMENT

Pumptrk	No. 224	Cementor	<i>Mike MAIER</i>
		Helper	
Pumptrk	No.	Cementor	
		Helper	
Bulktrk	116	Driver	<i>Bill</i>
Bulktrk		Driver	

DEPTH of Job	682'	
Reference:	Pump Trk Chg.	430.00
27	Pump Trk Mileage	60.75
	382' at .39	148.98
	Total	639.73

Remarks: Pumped 2 1/2 BBI then one inch got
 Disc. Mixed 785Ks Cement. Circulated.
 Pulled tubing and washed out its
Thank you
Allied Cementing
Mike S Bill

Floating Equipment
 Total \$ 1432.98
 Disc - 286.60
 STATE OF KANSAS
 RECEIVED
 DEC 14 1994
 \$ 1146.38

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

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

ALLIED CEMENTING CO., INC.

6629

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	9-25-94	Sec.	6	Twp.	19	Range	27	Called Out	9:30 AM	On Location	11:00 AM	Job Start	3:30 P.M.	Finish	8:45 P.M. <i>1 hrs</i>
Lease	E. Shapland <i>Unit - 60</i>		Well No.	1	Location			Mamata 3W-34S-27E Lane			County	KS <i>State done</i>			

Contractor	White & Elko	
Type Job	Surface	
Hole Size	12 1/4"	T.D. 212'
Csg.	8 3/8" used 28" or 32"	Depth 211'
Tbg. Size		Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.	15'	Shoe Joint
Press Max.		Minimum
Meas Line		Displace 12 BBL
Perf.		

Owner *Sara*

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.

Ritchie Exploration Inc.

Charge To *A. Scott Ritchie*

Street *125 N. Market Suite 1000*

City *Wichita* State *Ks* *67202*

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

Purchase Order No.

X *James Comwell*

EQUIPMENT

Pumptrk	No.	Cementer	<i>MAKER</i>
	181	Helper	
Pumptrk	No.	Cementer	<i>MAKER</i>
		Helper	
Bulktrk	116	Driver	<i>Bill White</i>
		Driver	

Amount Ordered	14060/40223		<i>used 110SKS</i>
Consisting of	<i>256 SKs Common 470cc - 1/4" Flo Seal 1 inch</i>		
Common	194	5.75	1115.50
Poz. Mix	56	3.00	168.00
Gel.	2	9.00	18.00
Chloride	8	25.00	200.00
Quickset			
	<i>Flo Seal - 28"</i>	110	30.80
Handling	390	1.00	390.00
Mileage	27	<i>12-11-96</i>	421.20
			<i>Sub Total</i>
			Total 2343.50

DEPTH of Job	212'	
Reference:	<i>Pump Trk Chg</i>	430.00
	<i>Pump Trk Mileage</i>	60.75
	<i>TWP</i>	42.00
		<i>Sub Total</i>
		Total 532.75

Floating Equipment	
Total	\$ 2876.25
Disc	575.25
	\$ 2301.00
SEP 94	1012741

Remarks: *Pan 5 yds used 8 3/8" 28" or 32" Baker circulation with Rig - Mixed 140 SKs 60/40223 displaced with 12 BBL fresh water cement into circulation. Thank you.*

Mike J Bell

ALLIED CEMENTING CO., INC.

1126

REMIT TO: BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend

DATE <u>10-4-94</u>	SEC <u>6</u>	TWP. <u>19</u>	RANGE <u>27 W</u>	CALLED OUT <u>2:00pm</u>	ON LOCATION <u>6:00pm</u>	JOB START <u>9:00pm</u>	JOB FINISH <u>10:00pm</u>
LEASE <u>E. Sharda</u> WELL # <u>1</u>			LOCATION <u>Alamo 19</u>	<u>3W-3 1/2 S - E into</u>		COUNTY <u>Lane</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR White & Ellis

TYPE OF JOB Pipe Job

HOLE SIZE 7 7/8 T.D. 4616

CASING SIZE 4 1/2 DEPTH 2103.89

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 600# MINIMUM - _____

MEAS. LINE SHOE JOINT 27'

CEMENT LEFT IN CSG. 27' Ovr 33.05

PERFS. _____

OWNER Ritchie Exploration Inc.

CEMENT

AMOUNT ORDERED 490 sk 65% 686el 1/4 #

COMMON	<u>319</u>	@	<u>5.75</u>	<u>1834.25</u>
POZMIX	<u>171</u>	@	<u>3.00</u>	<u>513.00</u>
GEL	<u>26</u>	@	<u>9.00</u>	<u>234.00</u>
CHLORIDE		@		
<u>FloSeal</u>	<u>123 #</u>	@	<u>1.10</u>	<u>135.30</u>
		@		
		@		
		@		
		@		
HANDLING	<u>490</u>	@	<u>1.00</u>	<u>490.00</u>
MILEAGE	<u>27</u>			<u>529.20</u>
TOTAL				<u>\$ 3735.75</u>

EQUIPMENT

PUMP TRUCK: CEMENTER Don H

224 HELPER MIKE m

BULK TRUCK

_____ DRIVER _____

BULK TRUCK

199 DRIVER DIII W

REMARKS:

Plugged Re+Hole with 15sk Pumped all cement
Shot down washed up Released plug
Dis Placed Down to 2089 Lost
Circulation + Pressure after 12 bbl
Displacement was down
Replaced plug with 600# PSI
Released insert held by
Allied Cementing Thanks Don

12-11-96

SERVICE

DEPTH OF JOB 2104'

PUMP TRUCK CHARGE 980.00

EXTRA FOOTAGE @ _____

MILEAGE 27 @ 2.25 60.75

PLUG 1 4 1/2 Rubber @ 33.00 33.00

TOTAL \$ 1073.75

CHARGE TO: Ritchie Exploration Inc

STREET 125 N Market suite 1000

CITY Wichita STATE KS ZIP 67202

FLOAT EQUIPMENT

<u>1-4 1/2 Guide shoe</u>	@	<u>109.00</u>	<u>109.00</u>
<u>2-4 1/2 Baskets</u>	@	<u>113.00</u>	<u>226.00</u>
<u>1-4 1/2 Insert (Walker)</u>	@	<u>169.00</u>	<u>169.00</u>
<u>4-4 1/2 Centralizers</u>	@	<u>53.00</u>	<u>212.00</u>
TOTAL <u>\$ 716.00</u>			

TAX -0-

TOTAL CHARGE \$ 5525.50

DISCOUNT \$ 1105.10

PAID IN FULL

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 and understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE [Signature]