

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

AMENDED
00-02 ORIGINAL

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: Eott
Operator Contact Person: John Niernberger
Phone: (316) 691-9500
Contractor: Name: KCC
License: _____
Wellsite Geologist: _____

Designate Type of Completion: **CONFIDENTIAL**

___ New Well ___ Re-Entry XX Workover
___ Oil X SWD ___ SLOW ___ Temp. Abd.
___ Gas ___ ENHR ___ SIGW
___ Dry ___ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: Ritchie Exploration, Inc.

Well Name: E. Shughart

Original Comp. Date: 7/26/96 Original Total Depth: 4570

___ Deepening ___ Re-perf. XX Conv. to Enhr./SWD
___ Plug Back ___ Plug Back Total Depth
___ Commingled Docket No. _____
___ Dual Completion Docket No. _____
___ Other (SWD or Enhr.?) Docket No. D-27,765

1/9/01 1/17/01 1/17/01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 193-20,652-0002 (AMENDED)

County: Thomas

C -SE- NW Sec. 11 Twp. 6 S. R. 33 East West
3300 feet from (S) N (circle one) Line of Section

3300 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW

Lease Name: E. Shughart Well #: 2

Field Name: _____

Producing Formation: _____

Elevation: Ground: 3098 Kelly Bushing: 3103

Total Depth: 4570 Plug Back Total Depth: 4100

Amount of Surface Pipe Set and Cemented at 273 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2678 Feet

If Alternate II completion, cement circulated from 2678

feet depth to surface w/ 600 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Docket No.: _____

ACT II DW
1-30-02

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 of 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: Production Manager Date: 1/18/01

Subscribed and sworn to before me this 18th day of January

2001
Notary Public: Karen Hopper

Date Commission Expires: 10/27/03

KAREN HOPPER
Notary Public - State of Kansas
My Appt. Expires 10/27/03

KCC Office Use ONLY

- Letter of Confidentiality Attached
- If Denied, Yes Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution

X

Operator Name: Ritchie Exploration, Inc. Lease Name: E. Shughart Well #: #2
 Sec. 11 Twp. 6 S. R. 33 East West County: Thomas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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

List All E. Logs Run:
 Compensated Neutron

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	# Sacjs Used	Type and Percent Additives
surface	12.25	8.625	24#	273	pozmix	165	3% cc, 2% gel
production	7.875	4.5	10.5#	4282	pozmix	225	10% salt, 5% gel

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 checked="" type="checkbox"/> Plug Back TD <input checked="" type="checkbox"/> Plug Off Zone	2423-2618	ASC	50	

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
3	4157-66 (LKC-J)	1000 gals 15% (CIBP @ 14100')	
2	2423-2618 (Cedar Hills)	1000 gals 15%, squeeze with 50 sks ASC.	
3	3784-3788 (Shawnee)	Acidized with 1000 gals, 15%	
3	3800-3810 (Shawnee)		
3	3924-3942 (Shawnee)		

TUBING RECORD	Size	Set At	Packer At	Liner Run
seal tite	2 3/8"	3742'	3742'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enh. not in use, awaiting approval 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 Open Hole Perf. Dually Comp. Commingled
 (If vented, Sumit ACO-18.) Other (Specify)

CONFIDENTIAL

ALLIED CEMENTING CO., INC. 4774

ORIGINAL

RENT TO P.O. BOX 31
RUSSELL, KANSAS 67663

SERVICE POINT:
DAKLEY

DATE <u>1-9-01</u>	SEC. <u>11</u>	TWP. <u>6S</u>	RANGE <u>73W</u>	CALLED OUT	ON LOCATION <u>12:15 PM</u>	JOB START <u>12:45 PM</u>	JOB FINISH <u>4:30 PM</u>
LEASE <u>SHOART C&W</u>	WELL # <u>2</u>	LOCATION <u>Colby 11W-4SE-S247D</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

KCC

JAN 8 2001

CONFIDENTIAL

CONTRACTOR EXPRESS WELL SERVICES OWNER SAME

TYPE OF JOB 594EE26

HOLE SIZE _____ T.D. _____

CASING SIZE 4 1/2" DEPTH _____

TUBING SIZE 2 3/4" DEPTH 2624'

DRILL PIPE _____ DEPTH _____

TOO _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERKS _____

DISPLACEMENT _____

EQUIPMENT _____

PUMP TRUCK # 191 CEMENTER TRACY
HELPER DEAN

BULK TRUCK # 318 DRIVER LOANES

BULK TRUCK # _____ DRIVER _____

CEMENT AMOUNT ORDERED 50 SK ASC

COMMON 50 ASC @ 9.05 = 452.50

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

HANDLING 53 @ 1.05 = 55.65

MILEAGE 44 2/3 MILE @ 1.00 = 44.67

TOTAL 608.15

REMARKS:

Take rate usual at normal test plus
7000000. As LD. Turn Hole. Spot 1550
at 2624'. Pull 9 TB. Reverse cut. All
1 TB MAX 25 SK. + SQUEEZE TO 1000 WOULD
NOT SQUEEZE. Release came back 1500
at 1 TB. Pressure to 1000 psi. 547 D

Thank You

SERVICE

DEPTH OF JOB 2624'

PUMP TRUCK CHARGE _____ 580.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 42 @ 3.00 = 126.00

PLUG _____ @ _____

CHARGE TO: Release Exploratory

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 706.15 RELEASED

FLOAT EQUIPMENT

NOV 12 2002

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

FROM CONFIDENTIAL

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 _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: Eott
Operator Contact Person: John Niernberger
Phone: (316) 691-9500

Contractor: Name: _____
License: _____
Wellsite Geologist: _____
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/Re-entry: Old Well Info as follows:
Operator: Ritchie Exploration, Inc.

Well Name: E. Shughart
Original Comp. Date: 7/26/96 Original Total Depth: 4570
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. D-27,282 (old)
7-15-00 7-24-00
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 193-20,652-0003
County: Thomas
C - SE NW Sec. 11 Twp. 6 S. R. 33 East West
3300 feet from S / N (circle one) Line of Section
3300 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: E. Shughart Well #: 2
Producing Formation: _____
Elevation: Ground: 3098 Kelly Bushing: 3103
Total Depth: 4570 Plug Back Total Depth: 2650'
Amount of Surface Pipe Set and Cemented at 273 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2678 Feet
If Alternate II completion, cement circulated from 2678
feet depth to surface w/ 600 sx cmt.

Drilling Fluid Management Plan ACT II 1-3002
(Data must be collected from the Reserve Pit) DAW
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used RELEASED
Location of fluid disposal if hauled offsite: NOV 12 2002
Operator Name: _____
Lease Name: FROM CONFIDENTIAL
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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 of 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: JOHN NIERNBERGER
Title: PRODUCTION MANAGER Date: 10-9-00
Subscribed and sworn to before me this 9th day of OCTOBER 2000
Notary Public: Karen Hopper
Date Commission Expires: 10/27/03

KAREN HOPPER
Notary Public - State of Kansas
My Appt. Expires 10/27/03

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____

Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Ritchie Exploration, Inc. Lease Name: E. Shughart Well #: 2
 Sec. 11 Twp. 6 S. R. 33 East West County: Thomas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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
 See attached

List All E. Logs Run:

Compensated Neutron

CASING RECORD <input type="checkbox"/> New <input 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	# Sacjs Used	Type and Percent Additives
surface	12.25	8.625	24#	273	pozmix	165	3% cc, 2% gel
production	7.876	4.5	10.5#	4282	pozmix	225	10% salt, 5% gel

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
3	4157-66 (LKC-J)	1000 gals 15%	
2	2423-2618 (Cedar Hills)	1000 gals 15%	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method				
not in use; applying to convert to Shawnee to SWD	<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 Vented Sold Used on Lease (If vented, Sumit ACO-18.)

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

Production Interval _____

ALLIED CEMENTING CO., INC. 0337

ORIGINAL

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

SERVICE POINT:

Oakley
6-23-96

DATE 6-22-96	SEC. 11	TWP. 6	RANGE 33	CALLED OUT	ON LOCATION 5:00 PM	JOB START	JOB FINISH 1:00 AM
LEASE <u>Shughart</u> WELL # 2		LOCATION <u>Colby 10N-4E-1/2S</u>		COUNTY <u>Thomas</u>	STATE <u>Kan</u>		

OLD OR (NEW) (Circle one)

CONTRACTOR White + Ellis #9
 TYPE OF JOB Production String (Top)
 HOLE SIZE 7 7/8 T.D. 4570
 CASING SIZE 4 1/2 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL D-V Tool DEPTH 2679'
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 21.60'
 CEMENT LEFT IN CSG. 21.60'
 PERFS.

OWNER Same
 CEMENT
 AMOUNT ORDERED 615 SKS 50/50
6% Gel, 1/4" Flo-Seal

COMMON	308	SKS @	7.20	2,217. ⁶⁰
POZMIX	307	SKS @	3.15	967. ⁰⁵
GEL	31	SKS @	9.50	294. ⁵⁰
CHLORIDE		@		
<u>Flo-Seal</u>	<u>154</u>	<u>FF</u> @	<u>1.15</u>	<u>177.¹⁰</u>
		@		
		@		
		@		
		@		
HANDLING	6.15	SKS @	1.05	645. ⁷⁵
MILEAGE	4.4	per SK/mile		861. ⁰⁰

EQUIPMENT

PUMP TRUCK CEMENTER Walt
 # 300 HELPER Terry
 BULK TRUCK
 # 218 DRIVER Wayne
 BULK TRUCK
 # 212-303 DRIVER

RELEASED
 NOV 12 2002
 TOTAL 5,163.⁰⁰

REMARKS: FROM CONFIDENTIAL SERVICE

Opened D-V Tool, Circ 15 min,
mixed SKs cement
Cement Circ to Surface ✓
Displaced 42 BBL water (incl. Pipe)
2/300PSI Cement and Walt Will
Proper turning DRILLER

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 550.⁰⁰
 EXTRA FOOTAGE @ _____
 MILEAGE @ _____
 PLUG @ _____
 @ _____
 @ _____
 TOTAL 550.⁰⁰

CHARGE TO: Ritchie Explorations
 STREET 125 N Market # 1000
 CITY Wichita STATE Kansas ZIP 67202

FLOAT EQUIPMENT

@ _____
 @ _____
 @ _____
 @ _____
 @ _____
 TOTAL _____

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 _____

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., INC.

0288

ORIGINAL

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

SERVICE POINT:
OAKLEY

DATE <u>6-13-96</u>	SEC. <u>11</u>	TWP. <u>6S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION <u>1:00 PM</u>	JOB START <u>3:15 PM</u>	JOB FINISH <u>3:45 PM</u>
LEASE <u>SHUGHART</u>	WELL # <u>2</u>	LOCATION <u>Colby 10N-44E-S10W</u>		COUNTY <u>THOMAS</u>	STATE <u>KS</u>		

OLD OR NEW (Circle one)

CONTRACTOR <u>WHITE & ELLIS</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>SURFACE</u>	CEMENT
HOLE SIZE <u>12 1/4"</u> T.D. <u>274'</u>	
CASING SIZE <u>8 5/8</u> DEPTH <u>273'</u>	
TUBING SIZE DEPTH	
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	
MEAS. LINE SHOE JOINT	
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	

AMOUNT ORDERED 165 SKS 6240 PZ 390 CC 290 GEL

COMMON	<u>99</u>	SKS	@	<u>7.20</u>	<u>712.80</u>
POZMIX	<u>66</u>	SKS	@	<u>3.15</u>	<u>207.90</u>
GEL	<u>3</u>	SKS	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	SKS	@	<u>28.00</u>	<u>140.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER <u>TERRY</u>	
# <u>102</u> HELPER <u>WALT</u>	
BULK TRUCK	
# <u>315</u> DRIVER <u>WAYNE</u>	
BULK TRUCK	
# DRIVER	

HANDLING	<u>165</u>	SKS	@	<u>1.05</u>	<u>173.25</u>
MILEAGE	<u>94</u>	per SK/mile			<u>231.00</u>

NOV 12 2001

TOTAL 1,493.45

FROM CONFIDENTIAL SERVICE

REMARKS:

DISPLACEMENT 16 1/4 BBL

CEMENT AID CIRC.

DEPTH OF JOB <u>273'</u>	
PUMP TRUCK CHARGE	<u>445.00</u>
EXTRA FOOTAGE @	
MILEAGE <u>35 miles</u> @ <u>2.85</u>	<u>99.75</u>
PLUG <u>8 5/8 SURFACE</u> @	<u>45.00</u>

TOTAL 589.75

CHARGE TO: RITCHIE EXPLORATION INC
STREET 125 N Market, ST #1000
CITY Wichita STATE Kan ZIP 67202

FLOAT EQUIPMENT

@	
@	
@	
@	
@	

TOTAL _____

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 Gary Cloud

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., INC. 0336

ORIGINAL

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

SERVICE POINT:
Oakley

DATE <u>6-22-96</u>	SEC. <u>11</u>	TWP. <u>6</u>	RANGE <u>33</u>	CALLED OUT	ON LOCATION <u>5:00 PM</u>	JOB START	JOB FINISH <u>11:20 PM</u>
LEASE <u>Shughart</u> WELL # <u>2</u>		LOCATION <u>Colby 10N-4E-1/4S</u>		COUNTY <u>Thomas</u>	STATE <u>Kan</u>		

OLD OR NEW (Circle one) NEW

CONTRACTOR <u>White & Ellis #9</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Production String (Bottom)</u>	CEMENT
HOLE SIZE <u>2 7/8</u>	T.D. <u>4570'</u>
CASING SIZE <u>4 1/2</u>	DEPTH <u>4282'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>D-V Tool</u>	DEPTH <u>2679'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>21.60'</u>
CEMENT LEFT IN CSG. <u>21.60'</u>	
PERFS.	

AMOUNT ORDERED <u>225 SKS 60/40 per</u>		
<u>10% Salt, 5% Gilsomite</u>		
<u>500 gal WFR-2</u>		
COMMON <u>135 SKS</u>	@ <u>7.20</u>	<u>972.00</u>
POZMIX <u>90 SKS</u>	@ <u>3.15</u>	<u>283.50</u>
GEL	@	
CHLORIDE	@	
<u>Salt 39 SKS</u>	@ <u>7.00</u>	<u>273.00</u>
<u>Gilsomite 965#</u>	@ <u>4.14</u>	<u>3995.65</u>
<u>500 gal WFR-2</u>	@ <u>1.00</u>	<u>500.00</u>
HANDLING <u>225 SKS</u>	@ <u>1.05</u>	<u>236.25</u>
MILEAGE <u>4¢ per SK/mile</u>		<u>315.00</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Walt</u>
# <u>300</u>	HELPER <u>Terry</u>
BULK TRUCK	
# <u>218</u>	DRIVER <u>Wayne</u>
BULK TRUCK	
# <u>212-303</u>	DRIVER

RELEASED

NOV 12 2002

TOTAL 2,835.40

REMARKS:

FROM CONFIDENTIAL SERVICE

<u>Circ Basket Shoe Ball</u>	DEPTH OF JOB	
<u>to open tool, dropped insert ball</u>	PUMP TRUCK CHARGE	<u>1,030.00</u>
<u>Mixed 225 SKS cement, displaced</u>	EXTRA FOOTAGE	@
<u>2 1/2 BBL water + 4 1/2 BBL mud, landed</u>	MILEAGE <u>35 miles</u>	@ <u>2.85</u> <u>99.75</u>
<u>Plug @ 1000 PSI, Float held</u>	PLUG	@
<u>Plub. Co.</u>		@

TOTAL 1,129.75

CHARGE TO: Ritchie Explorations
STREET 125 N Mead #1000
CITY Wichita STATE Kan ZIP 67202

FLOAT EQUIPMENT

<u>4 1/2</u>		
<u>1- Basket shoe</u>	@	<u>1,498.00</u>
<u>1- AFU insert</u>	@	<u>235.00</u>
<u>6- Turbo Centralizers</u>	@	<u>318.00</u>
<u>2- Baskets</u>	@	<u>258.00</u>
<u>1- D-V Tool</u>	@	<u>3,654.00</u>

TOTAL 5,963.00

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SIGNATURE [Signature]

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS