

Operator Name: Roberts Resources, Inc. Lease Name: Wadel Well #: 1
 Sec. 10 Twp. 29 S. R. 18 East West County: Kiowa

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Neutron-Density, Dual Induction, Micro, Sonic	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>4159</td> <td>-1875</td> </tr> <tr> <td>Lansing</td> <td>4338</td> <td>-2054</td> </tr> <tr> <td>Cherokee Shale</td> <td>4873</td> <td>-2589</td> </tr> <tr> <td>Mississippi</td> <td>4928</td> <td>-2644</td> </tr> <tr> <td>Mississippi Lime</td> <td>4992</td> <td>-2708</td> </tr> </table>	Name	Top	Datum	Heebner	4159	-1875	Lansing	4338	-2054	Cherokee Shale	4873	-2589	Mississippi	4928	-2644	Mississippi Lime	4992	-2708
Name	Top	Datum																	
Heebner	4159	-1875																	
Lansing	4338	-2054																	
Cherokee Shale	4873	-2589																	
Mississippi	4928	-2644																	
Mississippi Lime	4992	-2708																	

CASING RECORD <input checked="" 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	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24	466'	A-con, Com	250	3%gel, 3%cc

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 <i>(Amount and Kind of Material Used)</i>
		KANSAS CORPORATION COMMISSION SEP 11 2002 CONSERVATION DIVISION WICHITA, KS

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		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 Bbbls.	Gas Mcf	Water Bbbls.	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

ROBERTS RESOURCES, INC.
DAILY DRILLING REPORT

ORIGINAL

Well: WADEL #1
Spot: SW NW NW
County: Kiowa

API # 15-097-21489
Section: 10-T29S-R18W
State: Kansas

Elevation: G.L.= 2275
K.B.= 2284

Tops	Sample		E-Log		Key Well
Stotler	3525	-1241	3524	-1240	
Emporia	3606	-1322	3608	-1324	
Heebner Shale	4161	-1877	4159	-1875	
Brown Lime	4325	-2041	4326	-2042	
Lansing	4339	-2055	4338	-2054	
B/KC	4748	-2464	4744	-2460	
Altamont	4801	-2517	4800	-2516	
Pawnee	4835	-2551	4832	-2548	
Cherokee Shale	4875	-2591	4873	-2589	
Mississippi	4929	-2645	4928	-2644	
Mississippi Osage	4956	-2672	4950	-2666	
Mississippi Lime	4992	-2708	4992	-2708	

DST #1 Altamont & Pawnee 4798' to 4870' (45-60-60-90) 1st open, Strong blow, GTS in 8 min. gauge 40 Mcf. 2nd open, Strong blow, gauge 54 Mcf decrease to 48 Mcf. Recovered 124' of mud with a scum of oil. FP: 54-72/77-80. SIP 558-588#. BHT 118 degree.

DST #2 Miss. 4921' to 4954' (30-30-30-30) 1st open, weak blow built to 2 inches. 2nd open, weak blow built to 1 inch. Recovered trace of gas in pipe, 15' slight gas cut mud (10% gas, 90% mud) FP: 17-20/20-23. SIP 33-42#.

DST #3 Miss. 4953' to 4964' (30-60-60-90) 1st open, Strong blow off bottom of bucket in 1 1/2 minutes 2nd open, strong blow off bottom in 30 seconds. Did not have any gas to surface. Recovered 2700' gas in pipe. 30' gas & water cut mud (10% gas, 24% water, 66% mud) FP: 14-18/16-22. SIP: 1016-1034 Both SIP still building. Recovery chlorides 42,000 ppm, mud system chlorides 8,000 ppm.

DST #4 Miss. 4963' to 4974' (30-30-30-30) 1st open, Strong blow off bottom of bucket in 2 minutes. 2nd open, Strong blow off bottom in 15 seconds. Did not have any gas to surface. Recovered 180' gas in pipe. 35' gas & water cut mud (12% gas, 34% water, 54% mud) FP: 14-20/21-26. SIP: 1022-1044 Both SIP still building. Recovery chlorides 38,000 ppm, mud system chlorides 7,000 ppm.

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KANSAS CORPORATION COMMISSION

SEP 11 2002

CONSERVATION DIVISION
WICHITA, KS



ORIGINAL ORIGINAL

SALES OFFICE:
 105 S. Broadway
 Suite #420
 Wichita KS 67202
 (316) 262-3699
 (316) 262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE Hiway 61
 P.O. Box 8613
 Pratt, KS 67124-8613
 (316) 672-1201
 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:		7499600	Invoice	Invoice Date	Order	Order Date
Roberts Resources, Inc. 520 Holland, Suite 207 Wichita, KS 67209			208057	8/19/02	5082	8/16/02
			Service Description			
			Cement			
			Lease		Well	
			Wadel		1	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	Galen Roach	D. Scott	New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D203	60/40 POZ (COMMON)	SK	125	\$7.75	\$968.75
C321	CEMENT GEL	LB	430	\$0.25	\$107.50
E107	CEMENT SERVICE CHARGE	SK	125	\$1.50	\$187.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	35	\$3.00	\$105.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	189	\$1.25	\$236.25
R400	CEMENT PUMPER, PLUG & ABANDON (Workover Unit)	EA	1	\$650.00	\$650.00

Sub Total: \$2,255.00
Discount: \$563.75
Discount Sub Total: \$1,691.25
Tax Rate: 6.30% **Taxes:** \$0.00
(T) Taxable Item **Total:** \$1,691.25

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CONSERVATION DIVISION
WICHITA, KS

RECEIVED
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SEP 11 2002

CONSERVATION DIVISION
WICHITA, KS

PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



ORIGINAL

FIELD ORDER 5082

INVOICE NO.	Subject to Correction		
Date: 8-16-02	Lease: Wadel	Well #: 1	Legal: 10-295-18w
Customer ID	County: Kiowa	State: KS	Station: Pratt KS
Depth	Formation	Shoe Joint: N/A	
Casing: 8 5/8	Casing Depth: 466	TD: 5020	Job Type: PTA New Well
Customer Representative: Galen Roach		Treater: D. Scott	

CHARGE

Roberts Resources

AFE Number	PO Number	Materials Received by: X Galen Roach
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	125 ski	50/40 porz Common	✓			
Q321	430 lb	Cmt Gel	✓			
E107	125 ski	Cmt Serv Chg				
E100	1 cq	UNITS 1 way MILES 35				
E104	189 tm	TONS 1 way MILES 35				
R400	1 cq	EA. Pump Chg PUMP CHARGE				
Discounted Price = 1691.25						

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KANSAS CORPORATION COMMISSION
SEP 11 2002
CORPORATION DIVISION
WICHITA, KS

10244 NE Hiway 61 - P.O. Box 8613 - Pratt, KS 67124-8613 - Phone (620) 672-1201 - Fax (620) 672-5383 TOTAL



TREATMENT REPORT ORIGINAL

Customer ID	Date
Customer Roberts Resources	8-16-02
Lease Wade	Lease No.
	Well #

Field Order 3082	Station Pratt/KS	Casing 8 7/8	Depth 466	County Hiwaga	State KS
Type Job PTA	New Well	Formation	Legal Description 10-295-18w		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 7/8	Tubing Size 4 1/2	Shots/Ft		Acid 125 ski 60/40 002	RATE	PRESS	ISIP	
Depth 466	Depth 1200	From	To	Pre Pad 6% Total Gel	Max		5 Min.	
Volume	Volume 13.2	From	To	Pad 1.59 #13 13.3 ppg	Min		10 Min.	
Max Press	Max Press 1500	From	To	Frac 35.3 Bbls 5L	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative Galen Roach	Station Manager Dave Autry	Treater D Scott
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Service Units	106	26	38	70
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1300					On loc w/ Trks Safety mtg
					1st Plug @ 1200' 50 ski
1530		200	15	5	H2O Spacer
1533		200	14.1	5	mix Cmt @ 13.3 ppg 50 ski
1536		100	5	5	H2O Spacer
1538		150	8.2	5	Balance + Disp Cmt
					2nd Plug @ 1490' 50 ski
1600		150	15	5	H2O Spacer
1603		150	14.1	5	mix Cmt @ 13.3 ppg 50 ski
1609		100	5	5	H2O Spacer
					3rd Plug @ 40' 10 ski
1645			2.8	2	mix Cmt @ 13.3 ppg 10 ski
					Plug Rat hole w/ 13 ski Cmt
1700			4.2	2	mix + Pump Cmt @ 13.3 ppg 15 ski

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KANSAS CORPORATION COMMISSION

SEP 11 2002

CONSERVATION DIVISION
WICHITA KS

Job Complete
Thank you
125 ski
60/40 002
6% Total Gel
Scotty



ORIGINAL

ORIGINAL

SALES OFFICE:
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P.O. Box 8613
Pratt, KS 67124-8613
(316) 672-1201
(316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:			7499600	Invoice	Invoice Date	Order	Order Date
Roberts Resources, Inc. 520 Holland, Suite 207 Wichita, KS 67209				208017	8/8/02	4965	8/3/02
Service Description							
Cement							
				Lease		Well	
				Wadel		1	
AFE	CustomerRep	Treater		Well Type	Purchase Order	Terms	
	Gerald Roach	K. Gordley		New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D201	A-CON BLEND (COMMON)	SK	125	\$13.00	\$1,625.00
D200	COMMON	SK	125	\$10.25	\$1,281.25
C310	CALCIUM CHLORIDE	LBS	708	\$0.75	\$531.00
C321	CEMENT GEL	LB	236	\$0.25	\$59.00
C195	CELLFLAKE	LB	59	\$1.85	\$109.15
F143	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00
F263	BAFFLE PLATE ALUMINUM, 8 5/8"	EA	1	\$72.00	\$72.00
E107	CEMENT SERVICE CHARGE	SK	250	\$1.50	\$375.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	35	\$3.00	\$105.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	413	\$1.25	\$516.25
R201	CASING CEMENT PUMPER, 301-500'	EA	1	\$670.00	\$670.00

Sub Total: \$5,428.65

Discount: \$1,845.74

Discount Sub Total: \$3,582.91

Tax Rate: 6.30%

Taxes: \$0.00

(T) Taxable Item

Total: \$3,582.91

PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.

ORIGINAL



INVOICE NO.
Date **8-3-02**
Customer ID

Subject to Correction
Lease **WADEL**
County **KIOWA**

FIELD ORDER

4965

Well # **1** Legal **10-29-18**
State **KS.** Station **PRATT, KS.**

CHARGE

ROBERTS RESOURCES INC.

Depth Formation Shoe Joint
Casing **8 5/8** Casing Depth **466** TD Job Type **NEW SURFACE - WELL**
Customer Representative **C. ROACH** Treater **K. CORNUY**

AFE Number PO Number

Materials Received by **Xander D Reed**

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D201	125 SK	A - CON CEMENT	✓			
D200	125 SK	COMMON CEMENT	✓			
C310	708 lb	CITRIC ACID CHLORIDE	✓			
C321	236 lb	CEMENT GEL	✓			
C195	59 lb	CELL FLAKE	✓			
F143	1 EA.	8 5/8 WOOD PUNG	✓			
F103	1 EA.	8 5/8 Baffle Plate				
F263	1 EA.	8 5/8 Baffle Plate	✓			
E107	250 SK	CEMENT SERV. CHARGE				
E100	35 mile	UNITS	MILES			
E104	413 TM	TONS	MILES			
R201	1 EA.	EA. 466'	PUMP CHARGE			
DISCOUNT PRICE =				3587.91		
PLUS TAX						

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383 **TOTAL**

TREATMENT REPORT



Customer ID		Date	
Customer <i>ROBERTS RES. INC.</i>		<i>8-3-02</i>	
Lease <i>WIADEL</i>		Lease No.	Well # <i>1</i>
Field Order # <i>4965</i>	Station <i>PRATT, KS</i>	Casing <i>8 5/8"</i>	Depth <i>466'</i>
Type Job <i>SURFACE NEW WELL</i>	Formation	County <i>KIOWA</i>	State <i>KS</i>
		Legal Description <i>10-29-18</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8"</i>	Tubing Size	Shots/Ft		Acid <i>125 SK A-CON</i>		RATE	PRESS	ISIP
Depth <i>466'</i>	Depth	From	To	Pre-Pack <i>310cc, 1/4" C.F.</i>	Max			5 Min.
Volume	Volume	From	To	Post	Min			10 Min.
Max Press	Max Press	From	To	Free <i>125 SK COMMON</i>	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	Flush <i>2% GEL, 3% CC, 1/4" C.F.</i>	HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To		Gas Volume			Total Load

Customer Representative *C. ROACH* Station Manager *D. ANTRAY* Treater *K. CORDLEY*

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2130</i>					<i>ON LOCATION 8-2-02</i>
<i>2400</i>					<i>RUN 466' 8 5/8" 2 1/2" CASING RUN BITTLE PLATE IN 1" COLLAR BEFORE PUMP</i>
					<i>TRAC BOTTOM, BREAK CORE</i>
<i>2215</i>			<i>10</i>	<i>6</i>	<i>PUMP 10 BBL A20</i>
			<i>0</i>	<i>6</i>	<i>MIX ELEMENT</i>
			<i>55</i>	<i>6</i>	<i>125 SK. A-CON 3 1/2 CC, 1/4" C.F.</i>
			<i>30</i>	<i>6</i>	<i>125 SK. COMMON 2% GEL, 3% CC, 1/4" C.F.</i>
			<i>85</i>		<i>SHUT DOWN - REVERSE PUMP</i>
			<i>0</i>	<i>6</i>	<i>START DISP</i>
<i>2245</i>			<i>26.8</i>	<i>2</i>	<i>P.LUG. DOWN</i>
					<i>RETRAC 30% ELEMENT TO 15'</i>
<i>2330</i>					<i>JOB COMPLETE THANKS - KORD</i>