

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # 8061  
Name: Oil Producers, Inc. of Kansas  
Address: 1710 Waterfront Parkway  
City/State/Zip: Wichita, KS 67206  
Purchaser: Oil: NCRA Gas: ONEOK  
Operator Contact Person: Diana Richecky  
Phone: (316) 681-0231  
Contractor: Name: Mallard JV, Inc.  
License: 4958

Wellsite Geologist: William H. Shepherd  
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: \_\_\_\_\_  
Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 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. \_\_\_\_\_

<u>11/18/2004</u>	<u>11/29/2004</u>	<u>12/16/2004</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 033-21420-00-00  
County: Comanche    180' South of  
W/2 Sec. 22 Twp. 32 S. R. 19  East  West  
1140 feet from (S) N (circle one) Line of Section  
660 feet from E (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Rich "C"    Well #: 12  
Field Name: \_\_\_\_\_

Producing Formation: Viola  
Elevation: Ground: 1977'    Kelly Bushing: 1982'  
Total Depth: 5935'    Plug Back Total Depth: 5872'  
Amount of Surface Pipe Set and Cemented at 782 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 cm.

**Drilling Fluid Management Plan**    Ajt 1 NCR 7-24-08  
*(Data must be collected from the Reserve Pit)*  
Chloride content 47,040 ppm    Fluid volume 420 bbls  
Dewatering method used Hauled to SWD  
Location of fluid disposal if hauled offsite:  
Operator Name: Oil Producers, Inc. of Kansas  
Lease Name: Rich #9 SWD    License No.: 8061  
Quarter SE Sec. 22 Twp. 32 S. R. 19    East  West  
County: Comanche    Docket No.: D 28,178

**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: [Handwritten Signature]  
Title: PRESIDENT    Date: May 2, 2005

Subscribed and sworn to before me this 2nd day of May,  
2005.

Notary Public: [Handwritten Signature]  
Date Commission Expires: 1/12/2008

**DIANA L. RICHECKY**  
Notary Public - State of Kansas  
My Appt. Expires

**KCC Office Use ONLY**

NO Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Oil Producers, Inc. of Kansas Lease Name: Rich "C" Well #: 12

Sec. 22 Twp. 32 S. R. 19 East  West County: Comanche

**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 No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes No  Cores Taken Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes No <i>(Submit Copy)</i>  List All E. Logs Run:  Compensated Density/Neutron PE Log, Dual Induction Log, Dual Receiver Cement Bond Log, Micro Log, Sonic Log, Geological Report	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"><input checked="" type="checkbox"/> Log</td> <td style="width:60%;">Formation (Top), Depth and Datum</td> <td style="width:30%;">Sample</td> </tr> <tr> <td></td> <td>Name</td> <td>Top Datum</td> </tr> <tr> <td colspan="3">see note #1</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	Sample		Name	Top Datum	see note #1		
<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	Sample								
	Name	Top Datum								
see note #1										

CASING RECORD <input checked="" 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
Conductor		13 3/8"	48#	203'	see note #2	see note	see note #2
Surface		8 5/8"	23#	782'	see note #2	see note	see note #2
Production		4 1/2"	10.5#	5933'	see note #2	see note	see note #2

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
	see Initial Completion Report		

TUBING RECORD		Size <b>2 3/8"</b>	Set At <b>5855.59'</b>	Packer At <b>N/A</b>	Liner Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <b>12/16/2004</b>		Producing Method Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/>			
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) \_\_\_\_\_

**Note #1:****Log Formation (Top), Depth and Datum**

Name	Top	Datum
Heebner	4231'	-2249'
Brown Lime	4405'	-2423'
Lansing - KC	4414'	-2433'
Stark	4736'	-2754'
B/KC	4898'	-2916'
Marmaton	4906'	-2924'
Altamont	4957'	-2975'
Pawnee	5002'	-3020'
Cherokee	5046'	-3063'
Mississippian	5128'	-3146'
Cowley	5397'	-3415'
Viola	5798'	-3816'
Viola Dolomite	5821'	-3839'
LTD	5930'	-3948'

**Note #2:****Conductor - NEW**

125 sacks  
125 sacks

**Type of Cement**

Lite  
60/40 Poz

**Type and Percent Additives**

4% cc, 1/4# cell flake/sack  
2% gel, 3% cc, 1/4# cell flake/sack

**Surface - USED**

25 sacks  
225 sacks  
50 sacks

A-con  
60/40 Poz  
A-con

3% cc, 1/4# cell flake/sack  
2% gel, 3% cc, 1/4# cell flake/sack  
3% cc, 1/4# cell flake/sack

**Production - NEW**

300 sacks

AA-2

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**SALES OFFICE:**  
 100 S. Main  
 Suite #807  
 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  
 (620) 672-1201  
 (620) 672-5383 FAX

**SALES & SERVICE OFFICE:**  
 1700 S. Country Estates Rd.  
 P.O. Box 129  
 Liberal, KS 67905-0129  
 (620) 624-2277  
 (620) 624-2280 FAX

*Invoice*

**Bill to:** 6395901  
 OIL PRODUCERS INC. OF KANSAS  
 P.O. Box 8647  
 Wichita, KS 67208

Invoice	Invoice Date	Order	Order Date
411109	11/23/04	9014	11/18/04

**Service Description**  
 Cement

Lease	Well
Rich	C12

AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
	B. Kasper	D. Scott	New Well		Net 30

ID.	Description	UOM	Quantity	Unit Price	Price
D203	60/40 POZ (COMMON)	SK	125	\$8.25	\$1,031.25 (T)
D206	A-SERV LITE (COMMOM)	SK	125	\$9.00	\$1,125.00 (T)
C310	CALCIUM CHLORIDE	LBS	756	\$0.80	\$604.80 (T)
C194	CELLFLAKE	LB	54	\$2.00	\$108.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	50	\$3.50	\$175.00
E107	CEMENT SERVICE CHARGE	SK	250	\$1.50	\$375.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	540	\$1.50	\$810.00
R200	CASING CEMENT PUMPER, 0-300' 1ST 4 HRS ON LOC.	EA	1	\$662.00	\$662.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	50	\$2.00	\$100.00

**Sub Total:** \$4,991.05  
**Discount:** \$1,247.76  
**Discount Sub Total:** \$3,743.29  
 Comanche County & State Tax Rate: 5.30% **Taxes:** \$114.04  
 (T) Taxable Item  
**Total:** \$3,857.33

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FIELD ORDER 9014 ✓



INVOICE NO.	Subject to Correction		
Date 11-18-04	Lease Rich C	Well # 12	Legal 22-32s-19w
Customer ID	County Comanche	State KS	Station Proff KS
CHARGE Oil Producers Inc of KS	Depth	Formation TP=203' 48ppf	Shoe Joint 10' Requested
	Casing 13 3/8	Casing Depth 203	TD 203
	Customer Representative Bob Kasper	Treater D. Scott	

AFE Number	PO Number	Materials Received by X Bob Kasper
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	125 ski	60-40 por Common				
D206	125 ski	A-Serv lite Common				
C310	756 lbs	Calcium Chloride				
C194	54 lbs	cellflake				
E100	1 eq	Trk mi lway 50mi				
E107	250 ski	Cmt Serv Chg				
E104	540 +m	Bulk Delv Chg				
R200	1 eq	Pump Charge				
E101	1 eq	Pickup mi lway 50mi				
Discounted Price =				3743.29		

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## TREATMENT REPORT



Customer ID				Date			
Customer Oil Producers				11-18-04			
Lease Rich C				Lease No.		Well # 12	
Field Order # 9014		Station Pratt KS		Casing 13 3/8		Depth 203	
County Comanche				State KS			
Type Job Conductor New Well				Formation		Legal Description 22-32s-19w	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 203	Tubing Size	Shots/Ft 1.83	13.0	Acid A-Serv Lite 4% CE	1/4 C.F.	RATE	PRESS 500	ISIP
Depth 193	Depth	From 1.25	To 14.5	Pre Pad 60-40poz 3% CE	1/4 C.F.	Max		5 Min.
Volume 30	Volume	From	To	Pad		Min		10 Min.
Max Press 500	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush H2O		Gas Volume		Total Load

Customer Representative Bob	Station Manager Dave Autry	Treater D. Scott
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Service Units	118	81	57	35	71				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1400					On loc w/Trk's Safety mtg
1505	150		40.7	4	St mixing A-Lite @ 13.0 ppg 125 ski
1515	100		27.8	4	St mixing Tail Amt @ 14.5 ppg 125 ski
1523	0			4	St Disp w/H2O
160	175		30	0	Disp In Close In w.H.
					Circ 9 Bbls Amt = 27 ski
					Job Complete

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Thank you  
Scotty



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**SALES OFFICE:**  
 100 S. Main  
 Suite #607  
 Wichita KS 67202  
 (316) 262-3699  
 (316) 262-5799 FAX

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 10244 NE Hiway 61  
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 Pratt, KS 67124-8613  
 (620) 672-1201  
 (620) 672-5383 FAX

**SALES & SERVICE OFFICE:**  
 1700 S. Country Estates Rd.  
 P.O. Box 129  
 Liberal, KS 67905-0129  
 (620) 624-2277  
 (620) 624-2280 FAX

*Invoice*

<b>Bill to:</b>			6395901	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>	
OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208				411137	11/30/04	9017	11/29/04	
<b>Service Description</b>								
Cement								
				<b>Lease</b>		<b>Well</b>		
				Rich		C12		
<b>AFE</b>			<b>CustomerRep</b>	<b>Treater</b>		<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>
			B. Kasper	D. Scott		New Well		Net 30

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<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D105	AA2 (PREMIUM)	SK	300	\$15.00	\$4,500.00 (T)
C195	FLA-322	LB	226	\$7.50	\$1,695.00 (T)
C221	SALT (Fine)	GAL	1633	\$0.25	\$408.25 (T)
C243	DEFOAMER	LB	57	\$3.45	\$196.65 (T)
C244	CEMENT FRICTION REDUCER	LB	71	\$4.75	\$337.25 (T)
C321	GILSONITE	LB	1410	\$0.60	\$846.00 (T)
C312	GAS BLOCK	LB	212	\$5.15	\$1,091.80 (T)
C141	CC-1, KCL SUBSTITUTE	GAL	2	\$42.00	\$84.00 (T)
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00 (T)
C303	SUPER FLUSH	GAL	250	\$3.25	\$812.50 (T)
F100	TURBOLIZER, 4 1/2"	EA	10	\$67.00	\$670.00 (T)
F210	AUTO FILL FLOAT SHOE, 4 1/2"	EA	1	\$250.00	\$250.00 (T)
F170	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$230.00	\$230.00 (T)
F120	BASKET, 4 1/2"	EA	1	\$180.00	\$180.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	50	\$3.50	\$175.00
E107	CEMENT SERVICE CHARGE	SK	300	\$1.50	\$450.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	705	\$1.50	\$1,057.50
R212	CASING CEMENT PUMPER, 5501-6000' 1ST 4 HRS ON LOC	EA	1	\$2,048.00	\$2,048.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	50	\$2.00	\$100.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
R702	CASING SWIVEL RENTAL	EA	1	\$150.00	\$150.00

**Sub Total:** \$15,906.95

**Discount:** \$4,345.98

**Discount Sub Total:** \$11,560.97

**Comanche County & State Tax Rate: 5.30% Taxes:** \$449.77

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

**SALES OFFICE:**  
100 S. Main  
Suite #607  
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  
(620) 672-1201  
(620) 672-5383 FAX

**SALES & SERVICE OFFICE:**  
1700 S. Country Estates Rd.  
P.O. Box 129  
Liberal, KS 67905-0129  
(620) 624-2277  
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*Invoice*

(T) Taxable Item

Total: \$12,010.74

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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.





## TREATMENT REPORT



Customer ID			Date		
Customer <i>Oil Producer</i>			<i>11-29-04</i>		
Lease <i>Rich C</i>		Lease No.		Well # <i>12</i>	
Field Order # <i>9017</i>	Station <i>Pratt</i>	Casing <i>4 1/2</i>	Depth	County <i>Comanche</i>	State <i>KS</i>
Type Job <i>Long string new well</i>				Formation	
				Legal Description <i>22-335-19w</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size	Shots/Ft <i>1.44</i>	<i>15.0</i>	Acid <i>300ski AA-2 H 10% salt</i>		RATE	PRESS <i>2600</i>	ISIP
Depth <i>5890</i>	Depth <i>PBTD</i>	From	To	Pre Pad <i>5 1/2 1, 8 FIA-322, 2 SFR</i>		Max		5 Min.
Volume <i>93.6</i>	Volume	From	To	Pad <i>2 D.F.</i>		Min		10 Min.
Max Press <i>2000</i>	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush <i>HCL + M.F. + S.F.</i>		Gas Volume		Total Load

Customer Representative <i>Bob Kasper</i>	Station Manager <i>Dave Autry</i>	Treater <i>D. Scott</i>
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Service Units	<i>118</i>	<i>26</i>	<i>46</i>	<i>96</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1200</i>					<i>On loc w/ Trk's Safety mtg</i>
					<i>F.S. Bottom Baffle Top S.J.</i>
					<i>Cent 1-2-4-17-19-20-21-22-23-24</i>
					<i>Cmt Basket 17th Jt</i>
					<i>Log on Bottom Drop Ball + Circ 1/2 Ring</i>
<i>1642</i>	<i>700</i>		<i>20</i>	<i>5</i>	<i>HCL Flush</i>
<i>1646</i>	<i>700</i>		<i>12</i>	<i>5</i>	<i>St mud Flush</i>
<i>1648</i>	<i>600</i>		<i>5</i>	<i>5</i>	<i>H2O Spacer</i>
<i>1649</i>	<i>600</i>		<i>6</i>	<i>5</i>	<i>St Super Flush</i>
<i>1650</i>	<i>500</i>		<i>3</i>	<i>5</i>	<i>H2O Spacer</i>
<i>1653</i>	<i>600</i>		<i>70.5</i>	<i>5.4</i>	<i>mix Cent @ 15.0 ppq 275ski</i>
<i>1704</i>	<i>0</i>		<i>10</i>	<i>5</i>	<i>Close In Wash Pump line</i>
<i>1709</i>	<i>100</i>			<i>6.3</i>	<i>Release Plug + St Disp 1/2 H2O</i>
<i>1719</i>	<i>300</i>			<i>6.0</i>	<i>65 Bbli Disp Out Lift Cmt</i>
<i>1725</i>	<i>1500</i>		<i>93.6</i>	<i>0</i>	<i>Plug Down + psi Test Csg</i>
<i>1727</i>	<i>0</i>				<i>Release psi Float Held</i>
					<i>Good Circ Thru Job</i>
					<i>Rotated Csg</i>
					<i>Plug R.H. + M.H. 1/2 25ski</i>
					<i>Job Complete</i>
					<i>Thank You Scotty</i>

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 100 S. Main  
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**SALES & SERVICE OFFICE:**  
 1700 S. Country Estates Rd.  
 P.O. Box 129  
 Liberal, KS 67905-0129  
 (620) 624-2277  
 (620) 624-2280 FAX

**Invoice**

<b>Bill to:</b> OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208	6395901	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
		411115	11/24/04	9015	11/19/04
	<b>Service Description</b>				
	Cement				
			<b>Lease</b>	<b>Well</b>	
			Rich	C12	
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>
	B. Kasper	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	225	\$8.25	\$1,856.25 (T)
D201	A-CON BLEND (COMMON)	SK	75	\$14.15	\$1,061.25 (T)
C310	CALCIUM CHLORIDE	LBS	793	\$0.80	\$634.40 (T)
C194	CELLFLAKE	LB	75	\$2.00	\$150.00 (T)
F203	GUIDE SHOE TEXAS PATTERN, 8 5/8"	EA	1	\$285.00	\$285.00 (T)
F303	BAFFLE PLATE ALUMINUM, 8 5/8"	EA	1	\$85.00	\$85.00 (T)
F123	BASKET, 8 5/8"	EA	2	\$290.00	\$580.00 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00 (T)
E107	CEMENT SERVICE CHARGE	SK	375	\$1.50	\$562.50
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	838	\$1.50	\$1,257.00
R202	CASING CEMENT PUMPER, 501-1,000' 1ST 4 HRS ON LOC.	EA	1	\$924.00	\$924.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	50	\$2.00	\$100.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

**Sub Total:** \$7,830.40  
**Discount:** \$2,734.41  
**Discount Sub Total:** \$5,095.99  
**Comanche County & State Tax Rate: 5.30%** **Taxes:** \$163.39  
 (T) Taxable Item **Total:** \$5,259.38

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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.

100



## TREATMENT REPORT



Customer ID	Date	
Customer Oil Producers	11-19-04	
Lease Rich C	Lease No.	Well # 12
Casing 8 5/8	Depth 782	County Comanche
Field Order # 9015	Station Pratt	State KS

Field Order # 9015	Station Pratt	Casing 8 5/8	Depth 782	County Comanche	State KS
Type Job Surface New Well	Formation	Legal Description 22-32s-19w			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft 1.25	14.5	Acid 225ski A-Con 60-40ppg		RATE	PRESS 500	ISIP
Depth 737	Depth PBD	From	To	Pre Pad 390CC 1/4 C.F.	Max			5 Min.
Volume 47	Volume	From	To	Pad 75 A-Con	Min			10 Min.
Max Press 500	Max Press	From	To	Frac 390CC 1/4 C.F.	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush H2O	Gas Volume			Total Load

Customer Representative Bob Kasper	Station Manager Dave Austry	Treater D. Scott
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Service Units	118	80	59	81	72
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1500					On Loc. w/ Trk's Safety mtg Lost Circ @ 395'
					Guide Shoe Bottom Baffle Plate Top S.J. Baskets 1st 3rd Jts Out Csg on Bottom
1703	100		20	4	Pump H2O spacer
1718	100		12	4 1/2	mix 25ski A-Con @ 11.8 ppg
1721	100		50	4.0	mix 225ski @ 14.5 ppg
					Close In + Release Plug
1734	0			4	St Disp w/ H2O
1745	100		40	2	40 Bbls Disp out Decrease Rate
1747	135		47	0	Plug Down on Baffle Plate
1750	130				Close In with No Circ Thru Job
					mix 50ski A-Con @ 13.2 ppg
1905	0		14	1	Between 8 5/8 + 13 3/8 Circ Did Circ Jet Collar after 30 min

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KCC WICHITA Job Complete  
Thank you Scotty

OIL PRODUCERS, INC. OF KANSAS  
INITIAL COMPLETION REPORT

WELL - RICH C #12

LEGAL - 1190' FSL & 660' FWL of SEC. 22-32S-19W in COMANCHE CO., KS

API # - 15-033-21420

G.L. - 1977'

K.B. - 5' ABOVE G.L. @ 1982'

SURFACE CSN - 13 $\frac{3}{8}$ " @ 203' & 8 $\frac{5}{8}$ " @ 782' w/ 400 SXS

RTD - 5935'

LTD - 5930' (ELI 11/28/04)

PRODUCTION CSN - 4 $\frac{1}{2}$ ", 10.5# @ 5933' w/ 300 SXS AA-2

TOP OF CEMENT - 4805' w/ EXCELLENT CEMENT BONDING

PBTD - 5872' (ELI 12/8/04)

PERFORATIONS - VIOLA - 5824-5831' 4/FT 12/8/04

TUBING IN HOLE - 15' M.A., S.N., 188 JTS 2 $\frac{3}{8}$ " (5839.47')

TUBING SET @ - 5855.59' (SET 15' OFF BOTTOM 12/9/04)

AVERAGE TBG JT. - 31.06'

PUMP RUN - 2" x 1 $\frac{1}{2}$ " x 14' RWT HOLLOW ROD w/ 6' G.A.

RODS RUN - PUMP - 2' - 162 $\frac{3}{4}$ ", 71 - 7 $\frac{1}{8}$ ", 8', 6', 4', 2', 1 $\frac{1}{4}$ " x 16' P.R.

PUMP SET @ - 5840.59'

PUMPING UNIT - AMERICAN 160, S.N. - 160903, RATIO 29:1, 74" STROKE.

PRIME MOVER - 30 H.P. ELECTRICAL

SURFACE EQUIPMENT - SEE RICH C #7

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12/08/04

COMANCHE WELL SERVICE ON LOCATION TO RIG UP D-D DERRICK.

ELI WIRELINE ON LOCATION TO RUN CORRELATION AND SONIC CEMENT BOND LOG.

FOUND TTL DEPTH @ - 5872' (20' HIGH TO TOP INSERT)

FOUND TOP CEMENT @ - 4805' w/ EXCELLENT BONDING THROUGHOUT.

COMANCHE SWABBED 4½" CASING DOWN TO 5,300' FROM SURFACE.

ELI RIGGED TO PERFORATE PROPOSED INTERVAL IN VIOLA SECTION UTILIZING 32 GRAM EXPENDABLE CASING GUN.

PERFORATE VIOLA - 5824-5831' w/ 4 SHOTS/FT.

COMANCHE SWABBED WELL DOWN TO TTL DEPTH.

½ HR NATURAL TEST - RECOVERED 10' FLUID, SHOW OIL, 200' OF GAS.

ACID SERVICES ON LOCATION TO ACIDIZE VIOLA PERFS 5824-31' w/ 500 GALS 10% STIM-SOL.

ACIDIZE VIOLA PERFORATIONS AS FOLLOWS:

PUMP 500 GALS 10% STIM-SOL ACID.  
LOAD HOLE w/ LEASE CRUDE OIL.  
PRESSURE TO 200#, ACID STARTED FEEDING.  
DISPLACE ACID @ ½ BPM - 1 BPM @ 200# TO VAC @ END.  
ISIP - VACUUM  
TTL LIQUID LOAD = 105 BBLs

COMANCHE RIGGED TO SWAB BACK ACID LOAD & TEST.

TEST VIOLA PERFORATIONS AFTER ACID AS FOLLOWS:

FOUND FLUID LEVEL @ 200' FROM SURFACE.  
SWAB 1½ HRS. REC. - 102 BBLs, 100% OIL GOOD GAS FLUID LEVEL 3700' DN.  
**NOTE: WE HAVE RECOVERED ACID LOAD @ THIS POINT.**  
½ HR SWAB - REC. - 26.79 BBLs 26% OIL GOOD GAS FLUID LEVEL - 4400' DN.  
½ HR SWAB - REC. - 15.01 BBLs 22% OIL GOOD GAS FLUID LEVEL - 5100' DN.

SHUT DOWN FOR NIGHT.

12/09/04

SICP - 32# FLUID LEVEL - 2900' DN FREE OIL - 307'

OIL % - 10% SBHP - 1391 psi

CONTINUE TESTING VIOLA AFTER ACID AS FOLLOWS:

1 HR SWAB TEST - REC. - 50.10 BBLs 2% OIL GOOD GAS FLUID LEVEL - 4500' DN  
1 HR SWAB TEST - REC. - 45.09 BBLs 16% OIL GOOD GAS FLUID LEVEL - 5175' DN  
1 HR SWAB TEST - REC. - 23.79 BBLs 18% OIL GOOD GAS WELL SWABBED DOWN  
**NOTE: WILL GO TO 1 RUN/HR @ THIS POINT.**  
1 HR SWAB TEST - REC. - 9.18 BBLs 8% OIL TEST GAS @ 3 MCF 1 RUN

SIoux TRUCKING ON LOCATION. DELIVERED TUBING FROM SMITH SUPPLY.

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12/09/04 CONTINUED

RAN PRODUCTION TUBING AS FOLLOWS:

MUD ANCHOR x 2 $\frac{3}{8}$ "	15.00'
SEATING NIPPLE x 2 $\frac{3}{8}$ "	1.10'
188 JTS 2 $\frac{3}{8}$ " TUBING	5839.47'
K.B. (5' < 3' ABOVE G.L.)	2.00'
TUBING SET @	5855.59'
S.N. SET @	5840.59'

SHUT DOWN FOR NIGHT.

12/10/04

RAN PUMP AND RODS AS FOLLOWS:

2" x 1 $\frac{1}{2}$ " x 14' RWT w/ 6' G.A.	16.00'
2' x $\frac{3}{4}$ " ROD SUB	2.00'
162 $\frac{3}{4}$ " RODS	4050.00'
71 $\frac{7}{8}$ " RODS	1775.00'
8'-6'-4'-2' x $\frac{7}{8}$ " SUBS	20.00'
1 $\frac{1}{4}$ " x 16' P.R. w/ 8' LINER	16.00'
PUMP SET @	5840.59'

CLAMPED RODS OFF.

COMANCHE RIGGED DOWN AND MOVED OFF LOCATION.

12/12/04 THROUGH 12/16/04

SIOUX TRUCKING ON LOCATION TO SET AMERICAN 160 PUMPING UNIT.

P&amp;S ELECTRIC ON LOCATION; DITCHED AND LAYED APPROX. 1500' ELECTRIC IN FROM TRANSFORMER BANK TO NE OF WELL.

SHAWNEE LEASE SERVICES ON LOCATION TO HOOK UP WELL HEAD; DITCHED & LAYED 1200' 2 $\frac{3}{8}$ " STEEL LEAD LINE TO NORTH OF WELL AND TIED INTO #6 WELL SITE JOINING #7 PRODUCTION LEAD LINE.

12/16/04

PUT WELL IN SERVICE @ 10 SPM x 74" STROKE.

PUMP CAPACITY = 200 BTFPD.

END OF REPORT  
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