

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECEIVED
6-17-03
JUN 17 2003
Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA
ORIGINAL

Operator: License # 8061
Name: Oil Producers, Inc. of Kansas
Address: P. O. Box 8647
City/State/Zip: Wichita, KS 67208-0647
Purchaser: NCRA, OneOK
Operator Contact Person: Diana Richecky
Phone: (316) 681-0231
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: William Shepherd
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____
12/20/2001 01/09/2002 02/08/2002
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 033-21287-0000
County: Comanche
C - W2 W2 Sec. 22 Twp. 32 S. R. 19 East West
2640 feet from (S) N (circle one) Line of Section
4620 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 #: 6
Field Name: Bird East
Producing Formation: Viola
Elevation: Ground: 1982' Kelly Bushing: 1993'
Total Depth: 5910' Plug Back Total Depth: 5316'
Amount of Surface Pipe Set and Cemented at 760' 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 See 1 on 6-25-03
(Data must be collected from the Reserve Pit)
Chloride content 99 ppm Fluid volume 1650 bbls
Dewatering method used hauled to SWD and reserve pit
Location of fluid disposal if hauled offsite:
Operator Name: See Attachment 1, Note 1
Lease Name: _____ License No.: _____
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: [Signature]
Title: PRESIDENT Date: 06/12/2003
Subscribed and sworn to before me this 16TH day of JUNE,
2003.
Notary Public: [Signature]
Date Commission Expires: 01/12/2004

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

DIANA L. RICHECKY
Notary Public - State of Kansas
My Comm. Expires _____

Operator Name: Oil Producers, Inc. of Kansas Lease Name: Rich C Well #: 6
 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	Yes <input checked="" type="checkbox"/> No	Lansing	4432	-2439
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Altamont	4962	-2969
List All E. Logs Run:		Mississippi	5133	-3140
Geological Report, Sonic Log, Dual Induction Log, Micro Log, Dual Receiver Bond Log, Compensated Neutron/Density PE Log		Cowley	5394	-3401
		Viola	5819	-3826

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
Conductor		13 3/8"		240'	See Note 2	140/110	See Note 2
Surface		8 5/8"	23	758'	See Note 3	150/125	See Note 3
Production		4 1/2"	10.5	5418'	See Note 4	175/35	See Note 4

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				See Initial Completion Report

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>	Depth
	See Initial Completion Report		

TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	2 3/8"	5350.37'			
Date of First, Resumed Production, SWD or Enh r.	Producing Method				
02/08/2002	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
	170	200			

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

ORIGINAL

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KCC WICHITA

Attachment 1

Note 1:

Operator Name: _____ Oil Producers Inc. of Kansas _____

Lease Name: __Randy Unruh_____ License No. _____ 8061 _____

Quarter _____ Sec. __1__ Twp. _32_ S. R. _19_ East West

County _____ Commanche _____ Docket No.: _____ n/a _____

Operator Name: _____ Star Resources _____

Lease Name: _____ Currier 2-9 _____ License No. _____ 32389 _____

Quarter __E/2__ Sec. __20__ Twp. _32_ S. R. _18_ East West

County _____ Commanche _____ Docket No.: _____ D-27,668 _____

Note 2:

Conductor	A-Serv Lite	2% gel, 3%cc
	60/40 Poz	2% gel, 3%cc

Note 3:

Surface	A-con	¼ # celloflake, 3% cc
	60/40 Poz	2% gel, 3% cc, ¼# celloflake

Note 4:

Production	AA-2	10% salt, .5% FLA-322, .1% defoamer, .75% gas block, 7# gilsonite
	60/40 Poz	



SERVICES, LLC

ORIGINAL COPY

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

RECEIVED

Invoice

JUN 17 2003

Bill to:			6395901	Invoice	Invoice Date	Order	Order Date
OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208				112077	12/31/01	4149	12/21/01
Service Description							
Cement							
Lease						Well	
Rich						C-6	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms		
	Bob Casper	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
D206	A-SERV LITE (COMMOM)	SK	125	\$8.55	\$1,068.75
C310	CALCIUM CHLORIDE	LBS	648	\$0.75	\$486.00
C195	CELLFLAKE	LB	54	\$1.85	\$99.90
R402	CEMENT PUMPER, ADDITIONAL HRS ON LOCATION	HR	1	\$200.00	\$200.00
E107	CEMENT SERVICE CHARGE	SK	250	\$1.50	\$375.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	50	\$3.00	\$150.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	540	\$1.25	\$675.00
R200	CASING CEMENT PUMPER, 0-300'	EA	1	\$630.00	\$630.00

Sub Total: \$4,653.40

Discount: \$1,256.02

Discount Sub Total: \$3,397.38

Tax Rate: 5.90% **Taxes:** \$0.00

(T) Taxable Item

Total: \$3,397.38

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.

3111.33



ORIGINAL FIELD ORDER 04149

INVOICE NO.	Subject to Correction			
Date 12-21-01	Lease Rich C-6	Well # C-6	Legal 22-32-192	
Customer ID	County Comanche	State KS	Station Pratt KS	
Depth		Formation	Shoe Joint 10 Required	
Casing 13 3/8	Casing Depth 240'	TD 240'	Job Type 1338 New Well	
Customer Representative Bob Casper		Treater D. Scott		

Oil Producers Inc of KS

CHARGE

AFE Number	PO Number	Materials Received by X Bob Casper
------------	-----------	---------------------------------------

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	RECEIVED	
					CORRECTION	AMOUNT
D203	125 ski	60/40 202 Common	✓		JUN 17 2003 KCC WICHITA	
D206	125 ski	A-Serv Lite	✓			
C310	648 lb	Calcium Chloride	✓			
C195	54 lb	Cellulose	✓			
R462	1ea	Addition hrs 2 hrs				
E107	260ski	omt Serv Charge				
E100	1ea	UNITS 1way MILES 50				
E104	540+M	TONS 1way MILES 50				
R200	1ea	EA. 0-300 PUMP CHARGE				
Discounted Price =				3397.38		



TREATMENT REPORT

ORIGINAL
04093

Customer ID	Date	
Customer <i>Dil Producer's</i>	<i>12-21-01</i>	
Lease <i>Rich</i>	Lease No.	Well # <i>C-6</i>
Field Order # <i>04149</i>	Station <i>Pratt KS</i>	Casing <i>13 3/8</i> Depth <i>240'</i>
Type Job <i>13 3/8 New well</i>	Formation	County <i>Comanche</i> State <i>KS</i>
		Legal Description <i>22-32-19u</i>

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size <i>13 3/8</i>	Tubing Size	Shots/Ft		Acid <i>185 skt / itc</i>	RATE	PRESS <i>1000</i>	ISIP
Depth <i>230'</i>	Depth <i>PBTD</i>	From	To	<i>3% cc, 2 1/2 gal / flake</i>	Max		RECEIVED
Volume <i>86</i>	Volume	From	To	<i>125 skt 60/40 per</i>	Min		JUN 17 2003
Max Press <i>1000</i>	Max Press	From	To	<i>3% cc</i>	Avg		15 Min.
Well Connection	Annulus Vol.	From	To	<i>38.5 + 27.8 = 66</i>	HHP Used		KCC WICHITA Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative <i>Bob Casper</i>	Station Manager <i>Dave Aurry</i>	Treater <i>D. Scott</i>
Service Units <i>106</i>	<i>26</i>	<i>30</i>
<i>71</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0100</i>					<i>On loc w/ Trk's Safety mtg</i>
<i>0500</i>					<i>Log on Bottom Break Circ w/Rig</i>
<i>0505</i>	<i>200</i>		<i>3</i>	<i>5</i>	<i>Rig up Trk's</i>
<i>0507</i>	<i>200</i>		<i>38</i>	<i>5</i>	<i>H2O Spacer</i>
<i>0514</i>	<i>200</i>		<i>29</i>	<i>5</i>	<i>St mixing head amt @ 13.3 ppg 4% cc</i>
<i>0520</i>	<i>150</i>			<i>4</i>	<i>St mixing Tail amt @ 14.5 ppg 3% cc</i>
<i>0525</i>	<i>210</i>		<i>36</i>	<i>0</i>	<i>St Disp</i>
					<i>Disp In + Close In w.H.</i>
					<i>Good Circ</i>
					<i>Circ 6 Bbls Amt = 20 skt / v</i>
<i>Job Complete</i>					
<i>Thank you Scotty</i>					

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ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to: OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208	6395901	Invoice	Invoice Date	Order	Order Date
		112091	12/31/01	4152	12/28/01
	Service Description				
	Cement				
		Lease		Well	
		Rich		C-6	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
	Bob Casper	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
D201	A-CON BLEND (COMMON)	SK	150	\$13.00	\$1,950.00
C310	CALCIUM CHLORIDE	LBS	747	\$0.75	\$560.25
C195	CELLFLAKE	LB	63	\$1.85	\$116.55
F143	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00
F113	BASKET, 8 5/8"	EA	2	\$290.00	\$580.00
F263	BAFFLE PLATE ALUMINUM, 8 5/8"	EA	1	\$72.00	\$72.00
F173	GUIDE SHOE TEXAS PATTERN, 8 5/8"	EA	1	\$285.00	\$285.00
E107	CEMENT SERVICE CHARGE	SK	275	\$1.50	\$412.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	1	\$3.00	\$3.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	623	\$1.25	\$778.75
R202	CASING CEMENT PUMPER, 501-1000'	EA	1	\$880.00	\$880.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Sub Total: \$6,941.80

Discount: \$2,127.08

Discount Sub Total: \$4,814.72

Tax Rate: 5.90% **Taxes:** \$0.00

Total: \$4,814.72

RECEIVED
JUN 17 2003
KCC WICHITA

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.



INVOICE NO.		Subject to Correction			
Date	12-28-01	Lease	Rich	Well #	C-6
Customer ID		County	Comanche	State	KS
Oil Producers Inc of KS		Depth		Formation	TP= 760' 23ppf
		Casing	8 7/8	Casing Depth	738
		TD	760	Shoe Joint	29.88
		Customer Representative	Bob Casper	Treater	D. Scott
		Job Type	Surface New Well		

CHARGE

AFE Number	PO Number	Materials Received by	x Bob Casper
------------	-----------	-----------------------	--------------

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	125 ski	60/40 202 Common	✓			
D201	150 ski	A-Con Common	✓			
C310	747 lb	Calcium Chloride	✓			
C195	63 Lbi	Cell Plate	✓			
F143	1 ea	Wood Plug 8 5/8	✓			
F113	2 ea	Cmt Basket 1"	✓			
F263	1 ea	Bottle Plate 1"	✓			
F193	1 ea	Guide Shoe Texas Cat 1"	✓			
E107	275 ski	Cmt Serv Charge				
E100	1 ea	UNITS 1 ea MILES 1 way				
E104	623 tm	TONS 1 way MILES 50				
R202	1 ea	EA. Cmt Pump PUMP CHARGE				
R701	1 ea	Cmt Head Rental				
Discounted Price =				4814.72		

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JUN 17 2003
KCC WICHITA



ORIGINAL
TREATMENT REPORT 04096

Customer ID	Date	
Customer	12-28-01	
Lease	Lease No.	Well #
Rich		C-6

Field Order #	Station	Casing	Depth	County	State
04152	Pratt KS	8 7/8	788	Comanche	KS
Type Job	Formation			Legal Description	
8 7/8 Surface New Well				22-32-19w	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS
8 7/8	PSTD			150 skt A-CM			1500
Depth	Depth	From	To	74 cell 3% CC	Max		5 Min.
730				2.8 gal 11.9 ppg	Min		10 Min.
Volume	Volume	From	To	125 skt 60/40 402	Avg		
46.7				29 gal 3% CC	HHP Used		
Max Press	Max Press	From	To	Flush 125 skt 14.5 ppg	Gas Volume		Total Load
1500							
Well Connection	Annulus Vol.	From	To				
Plug Depth	Packer Depth	From	To				

RECEIVED
JUN 17 2003
KCC
MICHITA

Customer Representative	Station Manager	Treater
Bob Casper	D. Astry	D. Scott
Service Units		
108 35 59 30 71		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0200					On loc w/ Trk's Safety msg Basket 5+4 Jt's Out Csg on Bottom Break Circ 4 Rig
0520	200		74	7.0	St mixing head Cmt @ 11.9 ppg 150 skt
0530	150		27	4.5	St mixing Tail Cmt @ 14.5 ppg 125 skt
0537					Close In Release Plug
0538	100			5.0	St Disp w/ H2O
0550	500		46.7	0	Plug Down on Plate Close In manifold
					Circ 8 Bbl's Cmt = 16 skt Cmt ✓
					Job Complete Thank you Scotty



✓ DR ✓

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ACIDIZING · FRACTURING · CEMENTING

RECEIVED
 JUN 17 2003
 KCC WICHITA

Invoice

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

Invoice	Invoice Date	Order	Order Date		
201027	1/14/02	4155	1/9/02		
Service Description					
Cement					
Lease		Well			
Rich		C-6			
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
	Tim Thomson	D. Scott	New Well		Net 30

ID.	Description	UOM	Quantity	Unit Price	Price
D105	AA2 (PREMIUM)	SK	175	\$13.56	\$2,373.00
D203	60/40 POZ (COMMON)	SK	35	\$7.75	\$271.25
C243	DEFOAMER	LB	17	\$3.00	\$51.00
C313	GAS BLOCK POWDER	LB	124	\$5.00	\$620.00
C322	GILSONITE	LB	1213	\$0.55	\$667.15
C196	FLA-322	LB	83	\$7.25	\$601.75
C223	SALT (Fine)	LBS	868	\$0.35	\$303.80
C141	CC-1, KCL SUBSTITUTE	GAL	2	\$40.00	\$80.00
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00
C303	"B" FLUSH	GAL	250	\$4.25	\$1,062.50
F230	CEMENTING SHOE PACKER TYPE, 4 1/2"	EA	1	\$2,450.00	\$2,450.00
F150	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$230.00	\$230.00
F100	CENTRALIZER, 4 1/2"	EA	5	\$67.00	\$335.00
F110	BASKET, 4 1/2"	EA	2	\$180.00	\$360.00
E107	CEMENT SERVICE CHARGE	SK	210	\$1.50	\$315.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	50	\$3.00	\$150.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	490	\$1.25	\$612.50
R311	CEMENT PUMPER, 5001-5500'	EA	1	\$1,870.00	\$1,870.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Sub Total: \$12,977.95

Discount: \$4,282.72

Discount Sub Total: \$8,695.23

Tax Rate: 5.90% **Taxes:** \$0.00

(T) Taxable Item

Total: \$8,695.23

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
04155

INVOICE NO.	Subject to Correction			FIELD ORDER	04155
Date 1-9-02	Lease Rich	Well # C-6	Legal 22-32s-19w		
Customer ID	County Comanche	State KS	Station Pratt KS		
CHARGE	Depth 10.3 ppr	Formation Total pipe = 5430	Shoe Joint 42. —		
	Casing 4 1/2	Casing Depth 5423 4/8	TD 5912	Job Type long string new well	
	Customer Representative Tim Thomson	Treater D. Scott			

AFE Number	PO Number	Materials Received by <i>X Tim Thomson</i>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D103	173 ski	AA-2 Premium	✓			
D203	35 ski	60/40oz Common	✓			
C243	17 lbs	Defoamer	✓			
C313	124 lbs	Gas Blok	✓			
C322	1213 lbs	Gilsonite	✓			
C196	83 lbs	FLA-322	✓			
C223	868 lbs	Soft fine	✓			
C141	2 gal	CC-1	✓			
C302	500 gal	mud flush	✓			
C303	250 gal	B-flush	✓			
F230	1 ea	PK12 Shoe Type 4 1/2	✓			
F150	1 ea	h.D. Plug & Baffle "	✓			
F100	5 ea	Centralizer "	✓			
F110	2 ea	Cmt Basket	✓			
E107	210 ski	Cmt Serv Charge				
E100	1 ea	UNITS 1 way MILES 50				
E104	490 tm	TONS 1 way MILES 50				
R311	1 ea	EA. 5001-5500 PUMP CHARGE				
R701	1 ea	Cmt Head Rental				
				Discounted Amount = 8695.23		

TREATMENT REPORT

04099



Customer ID		Date	
Customer <i>Oil Producers</i>		<i>1-9-02</i>	
Lease <i>Rich</i>	Lease No.	Well # <i>C-6</i>	
Field Order # <i>04135</i>	Station <i>Pratt KS</i>	Casing <i>4 1/2</i>	Depth <i>3418</i>
Type Job <i>Long String New Well</i>		County <i>Comanche</i>	State <i>KS</i>

Formation	Legal Description <i>22-32s-19w</i>
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PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <i>4 1/2</i>	Tubing Size	Shots/Ft <i>T.P. = 5430'</i>	Acid <i>175 sk, AA-2</i>	RATE	PRESS <i>2300</i>	DISP	RECEIVED JUN 17 2003 KCC MCHITA
Depth <i>3306</i>	Depth <i>PBTD</i>	From	To	Max		5 Min.	
Volume <i>85.6</i>	Volume	From	To	Pad		10 Min.	
Max Press <i>2300</i>	Max Press	From	To <i>44.850</i>	Frac <i>10% Salt, 75 Gas Black</i>		15 Min.	
Well Connection	Annulus Vol.	From	To <i>7.75L</i>	<i>1.44 R+3 15.0ppg</i>			
Plug Depth	Packer Depth	From	To	Flush <i>35 sk, 60/40 poz</i>	HHP Used	Annulus Pressure	
				<i>KEL 20 bbls 12 Bbls</i>	Gas Volume	Total Load	

Customer Representative <i>Tim Thomson</i>	Station Manager <i>Dave Autry</i>	Treater <i>D. Scott</i>
Service Units <i>106 35 57 30 71</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2300</i>					<i>On loc w/Trki Safety mtg</i>
					<i>PKR Shoe on Bottom L.D. Baffle Tops</i>
					<i>Cent+I, 5, 7, 10, 12 Basket 8+11</i>
					<i>Asg on Bottom Break Circ w/Rig</i>
					<i>Drop Ball & Set PKR Shoe w/Rig</i>
					<i>Continue Circ w/Rig</i>
<i>0804</i>	<i>300</i>		<i>20</i>	<i>5</i>	<i>St 2% HCL Pre Flush</i>
<i>0807</i>	<i>300</i>		<i>12</i>	<i>5.5</i>	<i>St mud Flush</i>
<i>0809</i>	<i>300</i>		<i>5</i>	<i>5.5</i>	<i>H2O spacer</i>
<i>0810</i>	<i>300</i>		<i>6</i>	<i>5.5</i>	<i>St Super Flush</i>
<i>0812</i>	<i>300</i>		<i>5</i>	<i>5.5</i>	<i>H2O spacer</i>
<i>0816</i>	<i>400</i>		<i>3.5</i>	<i>6.0</i>	<i>mix Scavenger Cmt 10 sk, 60/40 poz</i>
<i>0817</i>	<i>400</i>		<i>44.8</i>	<i>6.0</i>	<i>St mixing Tail Cmt @ 15.0ppg 175 sk</i>
<i>0825</i>			<i>10</i>	<i>5</i>	<i>Chase In & wash Pump & line</i>
<i>0827</i>	<i>100</i>			<i>7.0</i>	<i>Release Plug & St Disp w/H2O</i>
<i>0838</i>	<i>330</i>		<i>72</i>	<i>6.0</i>	<i>lifting Cmt</i>
<i>0843</i>	<i>1500</i>		<i>85.6</i>	<i>Ø</i>	<i>Plug Down w/psi Test Asg</i>
<i>0845</i>	<i>Ø</i>				<i>Release Held</i>
					<i>Good Circ During Job</i>
					<i>Plug R.H. & M.H. w/25 sk, Poz</i>
					<i>Job Complete Thank you Scott</i>