

**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: P.O. Box 8647  
 City/State/Zip: Wichita, KS 67220  
 Purchaser: NCRA  
 Operator Contact Person: Diana Richecky  
 Phone: (316) 681-0231  
 Contractor: Name: Mallard JV, Inc.  
 License: 4958  
 Wellsite Geologist: William H. Shepherd

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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>7/31/2004</u>	<u>8/05/2004</u>	<u>9/25/2004</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-25316-00-00  
 County: Ellis    Approx. 40' East of and 220' South of  
 \_\_\_\_\_ nw-sw-ne Sec. 6 Twp. 12 S. R. 17  East  West  
3850 feet from  N (circle one) Line of Section  
2270 feet from  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE  SE  NW  SW  
 Lease Name: Shutts    Well #: 2-6  
 Field Name: Bemis Shutts

Producing Formation: Arbuckle  
 Elevation: Ground: 2111'    Kelly Bushing: 2116'  
 Total Depth: 3725'    Plug Back Total Depth: 3702'  
 Amount of Surface Pipe Set and Cemented at 270 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** 11.6.04  
 (Data must be collected from the Reserve Pit)

Chloride content 33,600 ppm    Fluid volume 300 bbls  
 Dewatering method used Evaporate

Location of fluid disposal if hauled offsite:  
 Operator Name: \_\_\_\_\_  
 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: 12/2/2004

Subscribed and sworn to before me this 2nd day of December,  
2004.

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

**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: Shutts Well #: 2-6  
 Sec. 6 Twp. 12 S. R 17 East  West County: Ellis

**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	✓ Log Formation (Top), Depth and Datum Name Top Datum Anhydrite 1348' +768' Heebner 3304' -1188' Toronto 3324' -1208' Lansing - Kansas City 3359' -1243' Arbuckle 3623' -1507' LTD 3719' -1603'
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Cores Taken	Yes <input checked="" type="checkbox"/> No	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
List All E. Logs Run:		
Compensated Density/Neutron Log, Dual Receiver Cement Bond Log, Dual Induction Log, Micro Log, Sonic Log, Geological Report		

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		8 5/8"	28#	270'	see note #1	see note	see note #1
Production		5 1/2"	15.5#	3722'	see note #1	see note	see note #1

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	3649'-3654'	Common	50	

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 <b>2 7/8"</b>	Set At <b>3688.91'</b>	Packer At <b>3595'</b>	Liner Run Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <b>9/25/2004</b>	Producing Method Flowing <input type="checkbox"/> <input checked="" type="checkbox"/> Pumping Gas Lift Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <b>7</b>	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

Production Interval  Other (Specify) \_\_\_\_\_

Attachment 1 – Shutts #2-6

Note #1:

Surface	Type of Cement	Type and Percent Additives
200 sacks	60/40 Poz	2% gel, 3%cc
<b>Production</b>		
100 sacks	AA-2	
170 sacks	A-con	

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**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  
 (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				409065	9/20/04	8179	9/14/04
				<b>Service Description</b>			
				Cement			
				<b>Lease</b>		<b>Well</b>	
				Shutts		2-6	
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>		<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>	
	T. Thompson	D. Scott		New Well		Net 30	
<b>ID.</b>	<b>Description</b>		<b>UOM</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Price</b>	
D200	COMMON		SK	50	\$11.85	\$592.50 (T)	
E100	HEAVY VEHICLE MILEAGE - 1 WAY		MI	120	\$3.50	\$420.00	
E107	CEMENT SERVICE CHARGE		SK	50	\$1.50	\$75.00	
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN		TM	282	\$1.50	\$423.00	
R308	CEMENT PUMPER, 3501-4000' 1ST 4 HRS ON LOC.		EA	1	\$1,670.00	\$1,670.00	
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY		MI	120	\$2.00	\$240.00	
R700	SQUEEZE MANIFOLD		EA	1	\$430.00	\$430.00	

**Sub Total:** \$3,850.50

**Discount:** \$962.62

**Discount Sub Total:** \$2,887.88

**Ellis County & State Tax Rate: 5.30% Taxes:** \$23.55

(T) Taxable Item

**Total:** \$2,911.43

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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 Producers</i>		<i>9-14-04</i>	
Lease <i>Stuffs</i>		Lease No.	Well # <i>2-6</i>
Casing <i>5 1/2</i>	Depth <i>3702</i>	County <i>Ellis</i>	State <i>KS</i>
Field Order # <i>8119</i>	Station <i>Pratt KS</i>	Formation	
Type Job <i>Squeeze New Well</i>		Legal Description <i>6-12s-17w</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size <i>2 7/8</i>	Shots/Ft <i>1/18 ft<sup>3</sup></i>	<i>15.2 ppg</i>	Acid <i>50 ski neat</i>	Pre Pad	RATE	PRESS <i>2000</i>	ISIP
Depth <i>3702</i>	Depth <i>3595</i>	From	To	Pad <i>70.5 Bbls 5L</i>		Max		5 Min.
Volume	Volume <i>20.8</i>	From	To	Frac		Min		10 Min.
Max Press <i>700</i>	Max Press <i>2000</i>	From	To	Flush		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To			Gas Volume		Total Load

Customer Representative <i>Tim Thomson</i>	Station Manager <i>Dave Autry</i>	Treater <i>D. Scott</i>
Service Units	<i>118</i>	<i>80</i>
	<i>57</i>	<i>46</i>
	<i>96</i>	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1030</i>					<i>On hoc w/TK's Safety mtg</i>
<i>1112</i>	<i>500</i>		<i>25</i>	<i>2</i>	<i>PKR @ 3595 psi Annulus</i>
<i>1118</i>		<i>300</i>	<i>15</i>	<i>3</i>	<i>Take Inj Rate</i>
<i>1122</i>		<i>150</i>	<i>10.5</i>	<i>3</i>	<i>mix 50 ski neat cmt</i>
<i>1126</i>		<i>0</i>		<i>2.5</i>	<i>st Disp w/H2O</i>
<i>1130</i>		<i>100</i>	<i>10.5</i>	<i>2.0</i>	<i>cmt @ Perfs</i>
<i>1137</i>		<i>8500</i>	<i>15 1/2</i>	<i>0</i>	<i>max psi</i>
<i>1138</i>		<i>0</i>			<i>Release psi Held</i>
<i>1140</i>	<i>700</i>				<i>Reverse out Tbg Clean</i>
<i>1157</i>		<i>500</i>			<i>psi Squeeze Holding</i>
					<i>Run 3 Jt's Tbg &amp; Wash Then Squeeze</i>
<i>1217</i>	<i>300</i>		<i>25</i>	<i>2</i>	<i>Tbg on Bottom Pump Tbg Vol</i>
					<i>T.O.H. w/ Tbg</i>
					<i>Pumped 25 ski into perfs</i>
					<i>RECEIVED</i>
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					<i>KCC WICHITA</i>
					<i>Job Complete</i>
					<i>Thank you</i>
					<i>Scotty</i>



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 100 S. Main  
 Suite #607  
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## 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				408024	8/11/04	8749	8/5/04
P.O. Box 8647			<b>RECEIVED</b> <b>DEC 03 2004</b> <b>KCC WICHITA</b>	<b>Service Description</b>			
Wichita, KS 67208				Cement			
				<b>Lease</b>		<b>Well</b>	
			Shutts		2-6		
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>		
	T. Thomson	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>
D105	AA2 (PREMIUM)	SK	100	\$15.00	\$1,500.00 (T)
D201	A-CON BLEND (COMMON)	SK	180	\$14.15	\$2,547.00 (T)
C195	FLA-322	LB	76	\$7.50	\$570.00 (T)
C221	SALT (Fine)	GAL	517	\$0.25	\$129.25 (T)
C243	DEFOAMER	LB	19	\$3.45	\$65.55 (T)
C244	CEMENT FRICTION REDUCER	LB	24	\$4.75	\$114.00 (T)
C321	GILSONITE	LB	470	\$0.60	\$282.00 (T)
C310	CALCIUM CHLORIDE	LBS	510	\$0.80	\$408.00 (T)
C194	CELLFLAKE	LB	43	\$2.00	\$86.00 (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)
F101	TURBOLIZER, 5 1/2"	EA	7	\$71.00	\$497.00 (T)
F181	LATCH DOWN PLUG & BAFFLE, 5 1/2"	EA	1	\$575.00	\$575.00 (T)
F251	TWO STAGE CEMENT COLLAR, 5 1/2"	EA	1	\$4,250.00	\$4,250.00 (T)
F171	LATCH DOWN PLUG & BAFFLE, 5 1/2"	EA	1	\$250.00	\$250.00 (T)
F211	AUTO FILL FLOAT SHOE, 5 1/2"	EA	1	\$320.00	\$320.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	110	\$3.50	\$385.00
E107	CEMENT SERVICE CHARGE	SK	280	\$1.50	\$420.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	1452	\$1.50	\$2,178.00
R208	CASING CEMENT PUMPER, 3501-4000' 1ST 4 HRS ON LOC	EA	1	\$1,680.00	\$1,680.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
R702	CASING SWIVEL RENTAL	EA	1	\$150.00	\$150.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	110	\$2.00	\$220.00

**Sub Total:** \$18,148.30

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

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Liberal, KS 67905-0129  
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## *Invoice*

	<b>Discount:</b>	\$4,405.82
	<b>Discount Sub Total:</b>	\$13,742.48
<i>Ellis County &amp; State Tax Rate: 5.30%</i>	<b>Taxes:</b>	\$516.33
<i>(T) Taxable Item</i>	<b>Total:</b>	\$14,258.81

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INVOICE NO.		Subject to Correction		FIELD ORDER 8749	
Date	8-5-04	Lease	Shutts	Well #	2-6
Customer ID		County	Ellis	State	KS
Oil Producers Inc of KS		Depth		Formation	TP = 3725' 15.5 ppt
		Casing	5 1/2	Casing Depth	3724
		Customer Representative	Tim Thomson	Treater	D. Scott
		Shoe Joint	13.97	Job Type	Longstring New Well

CHARGE

AFE Number	PO Number	Materials Received by	X Tim Thomson By D. Scott
------------	-----------	-----------------------	---------------------------

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D105	100 sk	AA-2 Premium Bottom Stage	-			
D201	180 sk	A-Con Common Top Stage	-			
C195	76 Lb	FLA-322	-			
C221	517 Lb	Salt Fine	-			
C243	19 Lb	Defoamer	-			
C244	24 Lb	Cmt Friction Reducer	-			
C321	470 Lb	Gilsonite	-			
C310	510 Lb	Calcium Chloride	-			
C194	43 Lb	Cellflake	-			
C141	2 gal	CC-1	-			
C302	500 gal	mud Flush	-			
C303	250 gal	Super Flush	-			
F101	7 ca	Centralizer 5 1/2	-			
F181	1 ca	Cmt Basket "	-			
F251	1 ca	Stage Tool "	-			
F181	1 ca	h.D. Plug & Baffle "	-			
F211	1 ca	Float Shoe 4/8 Fill "	-			
E100	1 ca	Trk mi lway 110 mi	-			
E107	280 sk	Cmt Serv Chg	-			
E104	1452 tm	Bulk Delv Chg	-			
R208	1 ca	Pump Charge	-			
R701	1 ca	Cmt Head Rental	-			
R702	1 ca	Csg Swivel Rental	-			
E101	1 ca	Pickup mi lway 110 mi	-			
Discounted Price = 13,742.48						

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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>Oil Producers Inc</i>			<i>8-5-04</i>		
Lease <i>Sh # 5</i>		Lease No.		Well # <i>2-6</i>	
Casing <i>6 1/2</i>		Depth <i>3724</i>		County <i>Ellis</i>	
Field Order # <i>8749</i>		Station <i>Pratt KS</i>		State <i>KS</i>	
Type Job <i>Long String New Well</i>			Formation		
			Legal Description <i>6-12s-17w</i>		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5 1/2</i>		<i>1.44</i>	<i>15.0 ppg</i>	<i>100sk AA-2'H' 1090 Salt</i>				5 Min.
Depth <i>3709</i>	Depth <i>DBTD</i>	From	To	Pre Pad <i>3 1/2 gal 1.8 FLA-322</i>	Max <i>125 FR</i>	<i>1500</i>		10 Min.
Volume <i>88.2</i>	Volume	From	To	Pad <i>1.2 D.F.</i>	Min			15 Min.
Max Press <i>1500</i>	Max Press	From <i>Stage Tool @</i>	To <i>1389'</i>	Frac	Avg			Annulus Pressure
Well Connection	Annulus Vol.	From	To		HHP Used			Total Load
Plug Depth	Packer Depth	From	To	Flush <i>20 Bbl 2.9 KCL 12 Bbl</i>	Gas Volume <i>6 Bbl 5. f.</i>			

Customer Representative <i>Tim Thomson</i>	Station Manager <i>Dave Autry</i>	Treater <i>D. Scott</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					<i>Bottom Stage Page 1 of 2</i>
					<i>On loc w/Trk: Safety mtg</i>
					<i>F.S. Bottom Baffle Top S.T.</i>
					<i>Cent 1-3-5-7-9-54-56 Basket 55</i>
					<i>Stage Tool @ 1389'</i>
					<i>Csg on Bottom Drop Ball + Circ w/Rig</i>
<i>1610</i>	<i>200</i>		<i>20</i>	<i>5</i>	<i>St 290 KCL</i>
<i>1615</i>	<i>200</i>		<i>12</i>	<i>5</i>	<i>St mud Flush</i>
<i>1618</i>	<i>200</i>		<i>5</i>	<i>5</i>	<i>H2O Spacer</i>
<i>1619</i>	<i>200</i>		<i>6</i>	<i>5</i>	<i>St Super flush</i>
<i>1621</i>	<i>200</i>		<i>3</i>	<i>5</i>	<i>H2O Spacer</i>
<i>1622</i>	<i>225</i>		<i>25.2</i>	<i>4.5</i>	<i>mix Cmt @ 15.0 ppg 100sk</i>
<i>1627</i>	<i>0</i>		<i>10</i>	<i>5</i>	<i>Close In + Wash Pump line</i>
<i>1629</i>	<i>0</i>			<i>5</i>	<i>Release Plug + St Disp w/H2O</i>
<i>1640</i>	<i>250</i>		<i>70</i>	<i>5</i>	<i>20 Bbl Disp out lift Cmt</i>
<i>1644</i>	<i>1250</i>		<i>88.2</i>	<i>0</i>	<i>Plug Down + psi Test Csg</i>
<i>1645</i>	<i>0</i>				<i>Release psi float Held</i>
					<i>Drop opening Device</i>
<i>1651</i>	<i>1300</i>				<i>Open Stage Tool</i>
					<i>Circ w/Rig 3 hrs</i>
					<i>Good Circ on Bottom Stage</i>
					<i>Continued Next Page</i>

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# TREATMENT REPORT

Customer ID		Date	
Customer <i>Oil Producer</i>		<i>8-5-04</i>	
Lease <i>Shutts</i>		Lease No.	Well # <i>2-6</i>
Casing <i>5</i>	Depth	County <i>Ellis</i>	State <i>KS</i>
Field Order # <i>8749</i>	Station	Formation	
Type Job <i>Long String New Well</i>			Legal Description <i>6-12s-17w</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<i>5 1/2</i>								5 Min.
Depth <i>1389</i>	Depth	From <i>Stage Tool 2 1389</i>		Pre Pad		Max		10 Min.
Volume <i>33</i>	Volume	From	To	Pad		Min		15 Min.
Max Press <i>1500</i>	Max Press	From	To	Frag <i>180ski A-Con 390 cc 1/4 c.f</i>		Avg		Annulus Pressure
Well Connection	Annulus Vol.	From	To			HHP Used		Total Load
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		

Customer Representative	Station Manager	Treater
-------------------------	-----------------	---------

Service Units					Top Stage	Service Log	Page 2 of 2
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate			
					<i>Stage Tool 2 1389'</i>		
<i>1942</i>	<i>100</i>		<i>3</i>	<i>5</i>	<i>H2O Spacer</i>		
<i>1943</i>	<i>100</i>		<i>84.7</i>	<i>5</i>	<i>mix 190ski Amt 2 11.6ppg</i>		
<i>1958</i>	<i>0</i>		<i>10</i>	<i>5</i>	<i>Chose In &amp; Wash Pump line</i>		
<i>2000</i>	<i>0</i>			<i>5</i>	<i>Release Closing Plug &amp; St Disp w/H2O</i>		
<i>2007</i>	<i>1250</i>		<i>33</i>	<i>0</i>	<i>Plug Down &amp; Close Tool</i>		
<i>2008</i>	<i>0</i>				<i>Release psi Tool Closed</i>		
					<i>Good Circ Thru Job</i>		
					<i>✓ Circ 10 Bbl; Amt = 20ski</i>		
					<i>Plug R.H. w/10ski A-Con</i>		
					RECEIVED		
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					<i>Job Complete</i>		
					<i>Thank you</i>		
					<i>Scotty</i>		



**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  
 (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				408022	8/11/04	8745	8/2/04
<b>Service Description</b>							
Cement							
				<b>Lease</b>		<b>Well</b>	
				Shutts		2-6	
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>		<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>	
	L. Urban	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	200	\$8.25	\$1,650.00 (T)
C310	CALCIUM CHLORIDE	LBS	516	\$0.80	\$412.80 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	110	\$3.50	\$385.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	15	\$2.00	\$30.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	946	\$1.50	\$1,419.00
E107	CEMENT SERVICE CHARGE	SK	200	\$1.50	\$300.00
R200	CASING CEMENT PUMPER, 0-300' 1ST 4 HRS ON LOC.	EA	1	\$662.00	\$662.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

**Sub Total:** \$5,193.80

**Discount:** \$1,298.45

**Discount Sub Total:** \$3,895.35

**Ellis County & State Tax Rate: 5.30%** **Taxes:** \$85.38

(T) Taxable Item

**Total:** \$3,980.73

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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.





OIL PRODUCERS, INC. OF KANSAS  
INITIAL COMPLETION REPORT

WELL - SHUTTS #2-6

LEGAL - NW/SW/NE of SEC. 6/12S/17N in ELLIS CO., KS

API # - 15-051-25316

G.L. - 2143'

K.B. - 5' ABOVE G.L. @ 2148'

SURFACE CSN - 8 $\frac{5}{8}$ " SET @ 270' w/ 200 SXS 60/40 POZ. CEMENT

RTD - 3725'

LTD - 3719'

PRODUCTION CSN - 86 JTS, 5 $\frac{1}{2}$ " 15.5# R-3 @ 3725.32

TOP OF CEMENT - 3125' w/ EXCELLENT BONDING ACROSS PAYS

PBTD - 3702'

<u>PERFORATIONS</u> -	ARBUCKLE -	3649-3654'	4/FT	SQUEEZED	9/14/04
	ARBUCKLE -	3623-3629'	4/FT		9/16/04

COMPLETION DATE - 9/04

TUBING IN HOLE - M.A. - S.N. 119 JTS, 2 $\frac{7}{8}$ " TUBING (3669.61')

TUBING SET @ - 3688.91'

AVERAGE TBG JT. - 30.83'

PUMP RUN - 2 $\frac{1}{2}$ " X 1 $\frac{1}{2}$ " X 12' RWBC w/ 6' G.A.

RODS RUN - PUMP - 2' - 146 $\frac{3}{4}$ " RODS, 8' - 4' - 2' ROD SUBS, P.R. & LINER

PUMP SET @ - 3673.91'

PUMPING UNIT - LUFKIN 114 - 143D - S.N. G1155515P-487171 RATIO = 29.4 to 1, STROKE = 64"

PRIME MOVER - 25 H.P. ELECTRIC

SURFACE EQUIPMENT - SHARED w/ REST OF SHUTTS LSE.  
SALT WATER GOES TO SHUTTS SWD.  
NEW 10' x 15' FIBERGLASS GUN BARREL  
2 BOLTED STEEL 250 BBL STOCK TANKS

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9/09/04

COMANCHE WELL SERVICE ON LOCATION TO RIG UP D-D DERRICK IN ORDER TO COMPLETE NEW WELL.

SIoux TANK WINCH TRUCK ON LOCATION TO UNLOAD STRING OF 2 $\frac{7}{8}$ " TUBING NEW MAVERICK R-3 6.7#. SIOUX TANK TRANSFERRED THE FOLLOWING EQUIPMENT FROM THE LANG #5 LEASE TO THE SHUTTS #2-6: KANSAS FISHING TOOL DRILLING TANK, AND 4 x 3 $\frac{1}{4}$ " DRILL COLLARS; THEN MOVED SIOUX TANK SWAB TANK.

COMANCHE RIGGED TO RUN 2 $\frac{7}{8}$ " TUBING WITH 4 $\frac{7}{8}$ " BIT AND 3 $\frac{1}{4}$ " DRILL COLLARS IN ORDER TO DRILL UP D.V. TOOL.

RIH - 4 $\frac{7}{8}$ " BIT - 4 x 3 $\frac{1}{4}$ " DRILL COLLARS & 2 $\frac{7}{8}$ " TUBING.

TAG TOP OF D.V. TOOL @ 1389'.

T.R. SERVICE ON LOCATION w/ HYD-POWER SWIVEL AND REVERSE CIRCULATION PUMP IN ORDER TO USE IT TO DRILL UP D.V. TOOL.

RIG UP PUMP AND SWIVEL; BREAK CIRCULATION DRILL UP D.V. TOOL; DRILLED ON D.V. TOOL FOR 4 HRS; MADE 14" OF HOLE; CIRCULATE HOLE CLEAN; PULL 1 JT.

SHUT WELL IN. SHUT DOWN.

9/10/04

COMANCHE WELL SERVICE AND T.R. SERVICE ON LOCATION TO RUN 1 JT 2 $\frac{7}{8}$ "; RIG UP POWER SWIVEL AND PUMP; BREAK CIRCULATION; DRILLED ON D.V. TOOL FOR 5 HRS.; MADE 12" OF NEW HOLE; QUIT MAKING HOLE.

POOH - w/ TUBING, DRILL COLLARS & BIT

CHANGED OUT BIT TO NEW 4 $\frac{7}{8}$ " ROCK BIT.

RIH - w/ BIT, DRILL COLLARS AND TUBING

TAG D.V. TOOL; RIG UP DRILL COLLARS, PUMP AND SWIVEL; BREAK CIRCULATION; DRILL UP REST OF D.V. TOOL; CIRCULATE HOLE CLEAN; RUN BIT TO TTL DEPTH BY TALLY @ 3702"; CIRCULATE HOLE CLEAN; PRESSURE TEST CSN TO 400#; HELD OKAY; RIG DOWN T.R. SERVICE POWER SWIVEL AND PUMP; PULL 5 JTS 2 $\frac{7}{8}$ " TUBING.

SHUT WELL IN. SHUT DOWN FOR WEEKEND.

9/13/04

COMANCHE WELL SERVICE ON LOCATION; RIGGED TO PULL 2 $\frac{7}{8}$ " TUBING, DRILL COLLARS AND BIT.

POOH - w/ TUBING, DRILL COLLARS AND BIT.

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

FOUND TTL DEPTH @ - 3702'

FOUND TOP OF CEMENT @ - 3125' w/ EXCELLENT BONDING ACROSS PAY INTERVALS

COMANCHE WELL SERVICE ON LOCATION; RIGGED TO SWAB 5 $\frac{1}{2}$ " CASING; SWAB CSN DOWN TO 3300' FROM SURFACE.

ELI WIRELINE ON LOCATION TO PERFORATE PROPOSED PAY INTERVAL IN LOWER ARBUCKLE FORMATION, UTILIZING 32 GRAM EXPENDABLE CSN GUN.

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9/13/04 CONTINUED

PERFORATE - LOWER ARBUCKLE - 3649-3654' 4/FT

COMANCHE SWABBED CSN DOWN TO TTL DEPTH @ 3702'.  
½ HR NATURAL SWAB TEST - RECOVERED NO FLUID.

KANSAS ACID SERVICE ON LOCATION TO ACID STIMULATE LOWER ARBUCKLE PERFS w/ 500 GALS 15% DSFE MUD ACID.

ACIDIZE ARBUCKLE PERFORATIONS AS FOLLOWS:

PUMP 500 GALS 15% DSFE MUD ACID  
LOAD HOLE w/ 75 BBLs 2% KCL WATER  
PRESSURE TO 1700#, BROKE BACK  
DISPLACE 500 GALS ACID @ 1 BPM - 800# to 100#  
ISIP - VACUUM  
TOTAL LIQUID LOAD = 100 BBLs

COMANCHE RIGGED TO SWAB TEST LOWER ARBUCKLE PERFS AFTER ACID STIMULATION.

SWAB 5½" CSN DOWN TO TTL DEPTH @ 3702'; RECOVERED 92 BBLs CSN FLUID LEVEL WAS REMAINING @ 2,000' FROM SURFACE DURING CONTINUOUS SWABBING w/ A TRACE OF OIL. SAND-LINE BECAME FRAYED WHILE SWABBING CASING; HAD TO STOP SWABBING; PULL OFF 500' SAND-LINE AND REPOUR ROPE SOCKET.

SHUT WELL IN. SHUT DOWN FOR NIGHT.

9/14/04

COMANCHE WELL SERVICE ON LOCATION TO CHECK CASING PRESSURE.

SICP - LIGHT BLOW

RAN CSN SWAB; FLUID WAS 1500' FROM SURFACE w/ 50' OF FREE OIL.

SWABBED CSN CONTINUOUSLY FOR 1 HR; RECOVERED 10.50 BBLs OF FLUID w/ TRACE OF OIL; AT THIS AMOUNT OF FLUID SWABBING PER HR., FLUID LEVEL STAYING @ 2,000' FROM SURFACE; THESE AMOUNTS WOULD MAKE THIS SET OF PERFS NON-COMMERCIAL AND WILL HAVE TO BE SQUEEZED.

T.R. SERVICE ON LOCATION w/ 5½ MODEL-R SQUEEZE PACKER.

COMANCHE RIGGED TO RUN 2⅞" TUBING AND PACKER.

RIH - w/ 5½" SQUEEZE PACKER AND 2⅞" TUBING

SET PACKER TO SQUEEZE @ 3595'.

ACID SERVICE ON LOCATION TO SQUEEZE LOWER ARBUCKLE PERFS AT 3649-3654' w/ 50 SXS COMMON CEMENT.

SQUEEZE ARBUCKLE PERFORATIONS AS FOLLOWS:

LOAD AND PRESSURE ANNULUS TO 500#  
EST. INJ. RATE VIA TBG AT 3 BPM - 400#  
MIX AND PUMP 50 SXS OF COMMON CEMENT  
DISPLACE 25 SXS INTO PERFS @ 3 BPM - VAC to 2,000#  
RELEASE PACKER, CIRCULATE HOLE CLEAN  
PRESSURE TEST SQUEEZE TO 500#, HELD OKAY  
WASH OUT CEMENT IN CSN THROUGH SQUEEZED PERFS  
CIRCULATE HOLE CLEAN  
PRESSURE TEST SQUEEZE TO 500#, HELD OKAY

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**9/14/04 CONTINUED**

POOH - w/ TUBING AND PACKER

SHUT WELL IN. SHUT DOWN FOR NIGHT.

**9/15/04**

LET CEMENT SET UP ON SQUEEZE; DID NOT WORK.

SHUT DOWN FOR DAY.

**9/16/04**

COMANCHE WELL SERVICE ON LOCATION; RIGGED TO SWAB 4½" CASING; SWAB CSN DOWN TO 3300' FROM SURFACE.

ELI-WIRELINE ON LOCATION TO SET CIBP OVER SQUEEZED LOWER ARBUCKLE PERFS AND PERFORATE PROPOSED PAY INTERVAL IN UPPER ARBUCKLE FORMATION UTILIZING A 32 GRAM EXPENDABLE CSN GUN.

SET CIBP - 3640'

PERFORATE - UPPER ARBUCKLE - 3623-3629' 4/FT

COMANCHE SWABBED CSN DOWN TO TOP OF CIBP @ 3640'.

½ HR. NATURAL SWAB TEST - RECOVERED 20' OF FREE OIL.

T.R. SERVICE TOOL MAN ON LOCATION w/ 5½" MODEL-R SERVICE PACKER IN ORDER TO RUN IN HOLE AND SPOT ACID ON PERFS, THEN PULL ABOVE PERFS FOR TREATMENT.

COMANCHE RIGGED TO RUN 2¾" TUBING AND PACKER.

RIH - w/ TUBING AND PACKER

RAN PACKER TO 3635' IN ORDER TO SPOT ACID ON PERFORATIONS.

COMANCHE RIGGED TO SWAB 2¾" TUBING; MADE SWAB RUN TO CHECK FLUID LEVEL FOR ACID SPOT.

KANSAS ACID ON LOCATION TO ACID STIMULATE UPPER ARBUCKLE PERFS w/ 1,000 GALS 15% DSFE MUD ACID.

SPOT 1 BBL OF ACID ON PERFS w/ PACKER BELOW PERFORATIONS; PULLED PACKER ABOVE PERFS.

SET PACKER @ - 3595'

ACIDIZE UPPER ARBUCKLE PERFORATIONS AS FOLLOWS:

PUMP 1,000 GALS 15% DSFE MUD ACID  
LOAD HOLE w/ 21 BBLs ACID  
LET ACID SOAK w/ NO PRESSURE ON PERFS FOR 2½" HRS.  
PERFS DID NOT TAKE ACID  
PRESSURE TO 50#; DISPLACE 3 BBL ACID @ ½ BPM - 50#  
PRESSURE STARTED TO BUILD; QUIT PUMPING  
LEFT ACID TRUCK OPEN TO TUBING

SHUT DOWN FOR NIGHT IN AN ATTEMPT TO LET PERFS TAKE ACID WITHOUT PRESSURE OVERNIGHT.

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9/17/04

COMANCHE WELL SERVICE AND KANSAS ACID SERVICES ON LOCATION; CHECKED TUBING WELL; ARBUCKLE PERFS HAD BROKEN DOWN WITHOUT PRESSURE AND TAKEN REST OF ACID OVERNIGHT.

TOTAL LIQUID LOAD = 44 BBLs

COMANCHE RIGGED TO TUBING; SWAB TEST UPPER ARBUCKLE PERFS AFTER ACID JOB.

SWAB TEST UPPER ARBUCKLE PERFORATIONS  
AFTER ACID AS FOLLOWS:

ALL FOLLOWING TUBING SWAB TESTS ARE TAKEN AFTER SWABBING CONTINUOUS FOR 1 HR. EACH.

1 HR. SWAB TEST - RECOVERED	27.29 BBLs FLUID	98% OIL
1 HR. SWAB TEST - RECOVERED	5.42 BBLs FLUID	48% OIL
1 HR. SWAB TEST - RECOVERED	6.26 BBLs FLUID	80% OIL
1 HR. SWAB TEST - RECOVERED	5.01 BBLs FLUID	88% OIL
1 HR. SWAB TEST - RECOVERED	5.01 BBLs FLUID	68% OIL
1 HR. SWAB TEST - RECOVERED	3.75 BBLs FLUID	75% OIL

COMANCHE RIGGED DOWN TUBING SWAB; RIGGED TO PULL 2 7/8" TUBING AND PACKER; RELEASE PACKER AND LET EQUALIZE.

POOH - w/ TUBING AND PACKER

SHUT WELL IN. SHUT DOWN FOR WEEKEND.

9/20/04

COMANCHE WELL SERVICE ON LOCATION; RIG UP T.R. SERVICE SAND-LINE DRILL; RUN SLD AND DRILL OUT CIBP @ 3640'; RIGGED DOWN SLD.

COMANCHE RIGGED TO RUN TUBING IN HOLE FOR PRODUCTION.

RUN 2 7/8" TUBING FOR PRODUCTION AS FOLLOWS:

2 7/8" MUD ANCHOR	15.00'
2 7/8" SEATING NIPPLE	1.30'
119 JTS NEW 2 7/8" TUBING	3669.61'
K.B. (5' < 2')	3.00'
TUBING SET @	3668.91'
SEATING NIPPLE SET @	3673.91'

TAG BOTTOM w/ TUBING; PICK UP AND LAND TUBING 11' OFF BOTTOM.

COMANCHE RIGGED TO RUN BOTTOM HOLE PUMP AND NEW 3/4" SUCKER RODS.

RUN BOTTOM HOLE PUMP AND RODS AS FOLLOWS:

2 1/2" x 1 1/2" x 12' RWBC PUMP w/ 6' G.A.	14.00'
2' x 3/4" ROD SUB	2.00'
146 NEW 3/4" SUCKER RODS	3650.00'
8' - 4' - 2' x 3/4" ROD SUBS	14.00'
1 1/4" POLISHED ROD w/ 7' LINER	16.00'
PUMP SET @	3673.91'

SEATED PUMP; SPACED OUT RODS; LONG-STROKED; HAD GOOD PUMP ACTION; CLAMPED OFF RODS.

COMANCHE RIGGED DOWN; MOVED OFF LOCATION.

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**9/21/04**

SIoux TANK WINCH TRUCK AND BACKHOE ON LOCATION TO BUILD PAD FOR PUMPING UNIT; SET LUFKIN 114-143 PUMPING UNIT TRANSFERRED FROM FRANK PARKES LSE TO SHUTTS #2-6.

SHAWNEE LEASE SERVICE ON LOCATION TO PLUMB IN WELL-HEAD, DITCH AND LAY 1475' 2" PVC SOUTHEAST FROM SHUTTS #2-6 TO SHUTTS TANK BATTERY, AND PLUMB INTO BATTERY AT BASE OF GUN BARREL.

**9/21/04 to 9/24/04**

P&S ELECTRIC ON LOCATION TO INSTALL NEW CONTROL PANEL; DITCH AND LAY 1300' OF ELECTRIC LINE IN CONDUIT FROM SHUTTS #1-6 to #2-6; SET 25 H.P. ELECTRIC MOTOR; WIRE IN ALL EQUIPMENT; SHEAVE PUMPING UNIT TO MOVE APPROX. 100 BBLs OF FLUID PER DAY AND BALANCE UNIT.

**9/25/04**

PUT WELL IN SERVICE.

**9/26/04**

WELL PRODUCED 64 BBLs OF OIL & 23 BBLs OF WATER.

**9/27/04**

WELL PRODUCED 41 BBLs OF OIL & 24 BBLs OF WATER.

**9/28/04**

WELL PRODUCED 28 BBLs OF OIL & 31 BBLs OF WATER.

END OF REPORT  
TIM THOMSON

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