

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

P & A

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 8061
Name: Oil Producers Inc. of Kansas
Address: P.O. Box 8647
City/State/Zip: Wichita, KS 67208-0647
Purchaser: N/A
Operator Contact Person: Diana Richecky **RECEIVED**
Phone: (316) 681-0231
Contractor: Name: Mallard JV, Inc **SEP 11 2003**
License: 4985
Wellsite Geologist: William H. Shepard **KCC WICHITA**

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. _____

11/08/2002 11/21/2002 1.20.03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 097-21492-00-00
County: Kiowa
_____-_____-SW-SW Sec. 31 Twp. 30 S. R. 19 East West
660 feet from (S) / (W) (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: Anna Laura Well #: 2
Field Name: Wildcat
Producing Formation: N/A
Elevation: Ground: 2092 Kelly Bushing: 2097
Total Depth: 5170 Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at 662 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 *Pat on 9-22-03*
(Data must be collected from the Reserve Pit)
Chloride content 37,950 ppm Fluid volume 330 bbls
Dewatering method used Hauled to SWD
Location of fluid disposal if hauled offsite:
Operator Name: See Attachment 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: 9/10/2003
Subscribed and sworn to before me this 10 day of September,
2003.
Notary Public: [Signature]
Date Commission Expires: 01/12/2004

DIANA C. RICHECKY
Notary Public - State of Kansas
My Appt. Expires 1/12/04

KCC Office Use ONLY
 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: Anna Laura Well #: 2
 Sec. 31 Twp. 30 S. R. 19 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 No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken Yes <input checked="" type="checkbox"/> No Electric Log Run Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Geological Report, Sonic Log, Dual Induction Log, Compensated Density/Neutron PE Log	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">✓ Log</th> <th style="text-align: left;">Formation (Top), Depth and Datum</th> <th style="text-align: left;">Sample</th> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Heebner</td> <td>4124</td> <td>-2027</td> </tr> <tr> <td>Lansing</td> <td>4332</td> <td>-2235</td> </tr> <tr> <td>Marmaton</td> <td>4794</td> <td>-2697</td> </tr> <tr> <td>Mississippi</td> <td>4976</td> <td>-2879</td> </tr> <tr> <td>RTD</td> <td>5170</td> <td>-3073</td> </tr> </table>	✓ Log	Formation (Top), Depth and Datum	Sample	Name	Top	Datum	Heebner	4124	-2027	Lansing	4332	-2235	Marmaton	4794	-2697	Mississippi	4976	-2879	RTD	5170	-3073
✓ Log	Formation (Top), Depth and Datum	Sample																				
Name	Top	Datum																				
Heebner	4124	-2027																				
Lansing	4332	-2235																				
Marmaton	4794	-2697																				
Mississippi	4976	-2879																				
RTD	5170	-3073																				

CASING RECORD							
				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		20"		373	See Note 2	See Note	See Note 2
Surface		8 5/8"	24	662	See Note 2	See Note	See Note 2
Production		4 1/2"	11.6	5175	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 <i>(Amount and Kind of Material Used)</i>	Depth
	See Initial Completion Report		

TUBING RECORD	Size	Set At	Packer At	Liner Run
N/A				Yes No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
N/A	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) _____

ORIGINAL

Attachment 1

Note 1:

Drilling Fluid Management Plan

Operator Name: Star Resources
Lease Name: Currier 2-9 License No: 32389
Quarter: E/2 Sec: 20 TWP: 32 S.R. 18
County: Comanche Docket No.: D27668

Operator Name: Advantages Resources
Lease Name: Hardy B#1 License No.: 6927
Quarter: NE/4 Sec: 24 TWP: 28 S.R. 18 West
County: Kiowa Docket No.: D-27,161

RECEIVED
SEP 11 2003
KCC WICHITA

Note 2:

<u>Conductor Pipe</u>	<u>Type of Cement</u>	<u>Type and % Additives</u>
600 Sacks	Common Cement with Calcium Chloride	
<u>Surface Casing</u>		
200 sacks	Common	3%cc, 1/4# Celloflake/sack
50 sacks	A-con	3% cc, 1/4# Celloflake/sack
150 sacks	A-con	3% cc, 1/4# Celloflake/sack
<u>Production Casing</u>		
125 sacks	AA-2 with gasblock	2%cc,95# FLA-22,590# gilsonite



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

Invoice

Bill to:		6395901	Invoice	Invoice Date	Order	Order Date
OIL PRODUCERS INC. OF KANSAS			211026	11/14/02	5495	11/10/02
P.O. Box 8647		RECEIVED SEP 11 2003 KCC WICHITA	Service Description			
Wichita, KS 67208			Cement			
			Conductor			
			Lease		Well	
			Anna Lamer		2	
A/E	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	B. Kasper	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>
D200	COMMON	SK	600	\$10.25	\$6,150.00
C310	CALCIUM CHLORIDE	LBS	1692	\$0.75	\$1,269.00
E107	CEMENT SERVICE CHARGE	SK	600	\$1.50	\$900.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45	\$3.00	\$135.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	1269	\$1.25	\$1,586.25
R200	CASING CEMENT PUMPER, 0-300'	EA	1	\$630.00	\$630.00

Sub Total:	\$10,670.25
Discount:	\$3,734.59
Discount Sub Total:	\$6,935.66
Tax Rate: 6.30%	Taxes: \$0.00
(T) Taxable Item	Total: \$6,935.66

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

5495



INVOICE NO.

Subject to Correction

Date 11-10-02

Lease ANNA LAUER

Well # 2

Legal

Customer ID

County KOWA

State KS

Station PRATT, KS

Oil Prod. Inc. of KS

Depth Formation

Shoe Joint

H
A
R
G
E

Casing 20" Casing Depth 60' TD

Job Type CONDUCTOR - NEW

Customer Representative BOB

Treater K. BOADLEY

AFE Number

PO Number

Materials Received by X Bob Kasper

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D700	600 SK	COMMON CEMENT		✓		
C310	1692 LB	CALCIUM CHLORIDE		✓		
					RECEIVED	
					SEP 11 2003	
					KCC WICHITA	
E107	600 SK	CEMENT SIRD. CHARGE				
E100	45 mile	UNITS	MILES			
E104	1269 M	TONS	MILES			
R200	1 EA.	EA.	60'	PUMP CHARGE		
PRICE =				6935.46		

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

ORIGINAL

TREATMENT REPORT



Customer ID	Date	
Customer OR Prod. INC OF KS	11-10-02	
Lease ANNA LAUER	Lease No.	Well # 2
Field Order #	Station Pratt, ks.	Casing 20"
		Depth 60'
	County KIDWA	State KS

Type Job: CONDUCTOR - NEW WELL
Formation: _____
Legal Description: _____

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 20"	Tubing Size	Shots/Ft		Acid 200 SK. COMMON CEMENT	RATE	PRESS	ISIP	
Depth 60'	Depth	From	To	Pre-Pad 3% C.C.	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	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	Gas Volume		Total Load	

Customer Representative: BOB
Station Manager: D. ATRY
Treater: K. CORDLEY

Service Units	107	35	57	36	76	30	72		
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1600					ON LOCATION
					RECEIVED
1700					SEP 11 2003
					KCC WICHITA
1800	0		0	3	START MIX CEMENT
	50		2	4	GOOD CORE OF MUD
	100		70		DIG CEMENT DEEPER
					TO CHECK FOR LEAK
					NO LEAK
	100		90	4	CORE. STRANER OF CEMENT
					KEEP MIXING CEMENT
	100		130	4	CORE. GOOD CEMENT
	100		0	4	START FLUSH
1900	125		15	4	FINISH FLUSH
					START IN CASING
					CEMENT STAND FULL
					USE 600 SK COMMON
					CEMENT 3% C.C.
2000					JOB COMPLETE

THANKS - KERAL



**ORIGINAL
COPY**

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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
		211046	11/18/02	5481	11/12/02
	Service Description				
	Cement <i>Surface^c</i>				
		Lease		Well	
		Anna Laura		2	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
	B. 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>
D200	COMMON	SK	200	\$10.25	\$2,050.00
D201	A-CON BLEND (COMMON)	SK	200	\$13.00	\$2,600.00
C310	CALCIUM CHLORIDE	LBS	1128	\$0.75	\$846.00
C195	CELLFLAKE	LB	94	\$1.85	\$173.90
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
F113	BASKET, 8 5/8"	EA	2	\$290.00	\$580.00
E107	CEMENT SERVICE CHARGE	SK	400	\$1.50	\$600.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45	\$3.00	\$135.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	846	\$1.25	\$1,057.50
R202	CASING CEMENT PUMPER, 501-1000'	EA	1	\$880.00	\$880.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Sub Total: \$9,329.40

Discount: \$3,078.70

Discount Sub Total: \$6,250.70

Tax Rate: 6.30% **Taxes:** \$0.00

(T) Taxable Item

Total: \$6,250.70

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>Dil Produceri</i>		<i>11-12-02</i>	
Lease <i>Anna Laura</i>		Lease No.	Well # <i>2</i>
Field Order # <i>3481</i>	Station <i>Pratt KS</i>	Casing <i>8 5/8</i>	Depth <i>660'</i>
Type Job <i>Surface Wildcat New well</i>		County <i>Hiowa</i>	State <i>KS</i>
Formation		Legal Description <i>31-30s-18w</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid <i>200ski, Std 3%CC</i>	<i>1/4 Cell</i>	RATE	PRESS	ISIP
Depth <i>624</i>	Depth <i>PBTD</i>	From	To	Pre Pad <i>1.18 13.6 ppg</i>		Max		5 Min.
Volume <i>39.6</i>	Volume	From	To	Pad <i>42 Bbls SL</i>		Min		10 Min.
Max Press <i>1000</i>	Max Press	From	To	Frac <i>200ski A-con 3%CC</i>	<i>1/4 Cell Pak</i>	App		15 Min.
Well Connection	Annulus Vol.	From	To	<i>1.81 13.3 ppg</i>		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush <i>64 Bbls SL</i>		Gas Volume		Total Load

Customer Representative <i>Bob Casper</i>	Station Manager <i>D. Autry</i>	Treater <i>D. Scott</i>
Service Units <i>106</i>	<i>35</i>	<i>57</i>
<i>44</i>	<i>72</i>	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2300</i>					<i>On loc w/Trki Safety mtg</i>
					<i>RECEIVED</i>
					<i>Lost Circ @ 380' - Dry Drill TD</i>
					<i>SEP 11 2003</i>
					<i>Baffle Plate Top S.J. Baskets 625 To Def</i>
					<i>662-380 = 282 = 117' 2008 Excess = 234' = 200ski</i>
					<i>KCC WICHITA</i>
					<i>Csg on Bottom Pump H2O</i>
<i>0539</i>	<i>100</i>		<i>42</i>	<i>4</i>	<i>St mixing Cmt @ 13.6 ppg 200 ski</i>
<i>0551</i>	<i>0</i>			<i>0</i>	<i>Close In Release Plug St Disp 1/2 H2O</i>
<i>0603</i>	<i>125</i>		<i>39.6</i>	<i>0</i>	<i>Plug Down on Baffle Plate</i>
<i>0604</i>	<i>100</i>				<i>Close In manifold - No Circ</i>
<i>0615</i>			<i>12.8</i>	<i>2.0</i>	<i>Pump 50ski A-con @ 14.5 ppg Between 8 5/8 & 20"</i>
					<i>w.o.c 1hr</i>
<i>0730</i>	<i>0</i>		<i>64</i>	<i>2.0</i>	<i>St mixing Cmt @ 13.3 ppg 8 5/8 & 20"</i>
					<i>pumped 150ski A-con Good</i>
					<i>Cmt In Cellar wait 30 min</i>
					<i>Set Cellar stayed full</i>
					<i>200 ski Std 3%CC 1/4 Cell Plate</i>
					<i>200 ski A-con 3%CC 1/4 Cell Plate</i>
					<i>Job Complete</i>
					<i>Thank you</i>
					<i>Scott</i>

ORIGINAL



INVOICE NO.		Subject to Correction		FIELD ORDER		5481	
Date	11-12-02	Lease	Anna Laura	Well #	2	Legal	31-30s-18w
Customer ID		County	Kiowa	State	KS	Station	Pratt KS
Oil Producers Inc of KS		Depth		Formation	TP = 662 24 ppf	Shoe Joint	37.72
Casing	8 5/8	Casing Depth	660	TD	672'	Job Type	Surface wildcat well ^{new}
Customer Representative				Treater			
Bob Casper				D. Scott			

CHARGE

AFE Number	PO Number	Materials Received by	X Bob Casper
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D200	200 sk.	Common Cmt	✓			
D201	200 sk.	A-Con Cmt Common	✓			
C310	1128 lb.	Calcium Chloride	✓			
C193	94 lb.	Cell Plate	✓			
F143	1 c9	Top wood plug 8 5/8	✓			
F263	1 c9	Raffle Plate	✓			
F113	2 c9	Cmt Basket	✓			
RECEIVED						
SEP 11 2003						
KCC WICHITA						
E107	400 sl.	Cmt Serv Chg				
E100	1 c9	UNITS 1 way MILES 43				
E104	846 tm	TONS 1 way MILES 43				
R202	1 c9	EA. 501'-1050' PUMP CHARGE				
R201	1 c9	Cmt Head Rental 8 5/8				
Discounted Price = 6250.70						

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

ORIGINAL COPY



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 10244 NE Hiway 81
 P.O. Box 8613
 Pratt, KS 67124-8613
 (316) 672-1201
 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:		6395901	Invoice	Invoice Date	Order	Order Date
OIL PRODUCERS INC. OF KANSAS			211092	11/27/02	5455	11/21/02
P.O. Box 8647			Service Description			
Wichita, KS 67208			Cement			
RECEIVED SEP 11 2003 KCC WICHITA			Production			
			Lease		Well	
			Anna Laura		2	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	B. McCoy	T. Seba	New Well		Net 30	

ID.	Description	UOM	Quantity	Unit Price	Price
D105	AA2 (PREMIUM)	SK	125	\$13.56	\$1,695.00 (T)
D203	60/40 POZ (COMMON)	SK	25	\$7.75	\$193.75 (T)
C196	FLA-322	LB	95	\$7.25	\$688.75 (T)
C223	SALT (Fine)	LBS	645	\$0.35	\$225.75 (T)
C313	GAS BLOCK POWDER	LB	89	\$5.00	\$445.00 (T)
C322	GILSONITE	LB	590	\$0.55	\$324.50 (T)
C141	CC-1, KCL SUBSTITUTE	GAL	2	\$40.00	\$80.00 (T)
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00 (T)
C303	SUPER FLUSH	GAL	250	\$3.25	\$812.50 (T)
F100	CENTRALIZER, 4 1/2"	EA	5	\$67.00	\$335.00 (T)
F150	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$230.00	\$230.00 (T)
F180	AUTO FILL FLOAT SHOE, 4 1/2"	EA	1	\$230.00	\$230.00 (T)
E107	CEMENT SERVICE CHARGE	SK	150	\$1.50	\$225.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45	\$3.00	\$135.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	315	\$1.25	\$393.75
E210	TC-800 ACID PUMP, 1st 4 hrs. on location	EA	1	\$1,300.00	\$1,300.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Sub Total:	\$7,939.00
Discount:	\$2,251.37
Discount Sub Total:	\$5,687.63
Tax Rate: 6.30%	Taxes: \$254.34
(T) Taxable Item	Total: \$5,941.97

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.		Subject to Correction		FIELD ORDER 5455	
Date	11-21-02	Lease	ANNA LAUEA	Well #	2
Customer ID		County	KIOWA	State	KS
OIL PRODUCERS INC. OF KS.		Depth	11.64 FT	Formation	
Casing	4 1/2	Casing Depth	516A	TD	5170
Customer Representative	BRAIN McLAY		Treater	T. SEBA	
Shoe Joint	34.78 L.O. PLG		Job Type	4 1/2 L.S. NEW WELL	

CHARGE

AFE Number	PO Number	Materials Received by	X B. M. M.
------------	-----------	-----------------------	------------

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-105	125 SKS	AA2 PREMIUM	✓			
D-203	25 SKS	60/40 P02	✓			
C-196	95 lbs	FLA-322	✓			
C-223	645 lbs	SAT	✓			
C-313	89 lbs	Cas Blok	✓			
C-322	590 lbs	GILSONITE	✓			
C-191	2 GAL	CC-1	✓			RECEIVED
C-302	500 GAL	MUD PLUS A	✓			SEP 11 2003
C-303	250 GAL	SUPER PLUS A	✓			KCC WICHITA
F-100	5 EA	TURBOLIZER 4 1/2	✓			
F-150	1 EA	L.O. PLUG BOPPIE "	✓			
F-180	1 EA	AUTO PILL PLUG SHOE "	✓			
E-107	150 SKS	CEMENT SERV. CHARGE				
E-100	45 mi	UNITS 1 way MILES 45				
E-104	315 TM	TONS MILES				
R-210	1 EA	EA. PUMP CHARGE				
R-701	1 EA	CEMENT HEAD RENTAL				
DISCOUNTED PRICE =				5,607.63		
+ TAXES						

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

ORIGINAL

TREATMENT REPORT



Customer ID		Date	
Customer O.P. Ink of Ks.		11-21-02	
Lease AUNA LAUCA		Lease No.	Well # 2
Field Order # 5455	Station PRATT	Casing 4 1/2	Depth 5169
Type Job 4 1/2 LONGSTRING NEW WELL		County KIOWA	State KS
Formation		Legal Description 31-30S-16W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft	20 Bbls	Acid	125 SKS AA-2	RATE	PRESS	ISIP
Depth 5169	Depth	From	12 Bbls	Pre Pad	3% PLU-322 10% SAIT	Max		5 Min.
Volume	Volume	From	10 Bbls	Pad	15% GAS Bkx 5% GEL SOLUTE	Min		10 Min.
Max Press	Max Press	From	To	Frac	15/GAL 1.44G13	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		25 SKS 60Kb P02	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	R-M HOLES	Gas Volume		Total Load

Customer Representative: BEANS McCoy Station Manager: D. AVERY Treater: 1-SE3A

Service Units	114	26	38	70				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
05:30					CALLED OUT
07:15					RECEIVED
					SEP 1 2000
					KCC WICHITA
11:45					RUN JT'S 11.6" 4 1/2 CSG F.S. L.O 1ST-39.78
12:05					CENT ON JT'S 1-3-5-7-9
13:02	350			6	CSG ON BOTTOM & Deep Ball
			20		HOOK UP TO CSG & BREAK CIRC W/RTG
			3		START PUMPING PREPPLUGS
			12		20 Bbls 2% KCL
			3		3 Bbls 1% SPACER
			3		12 Bbls MUD PULV
			3		3 Bbls H2O SPACER
			6		6 Bbls SUPAC PULV
			3		3 Bbls H2O SPACER
13:14			32.06		MIX & PUMP 125 SKS AA-2 15% GAL
13:22			10		SHUT DOWN RELEASE PLUG CLEAR PUMP & LINES
13:26	100			6	START DEEP
	700		65	3	LIFT CMT
13:40	1000		79.78	2	PLUG DOWN
13:41	1300				P5 UP
15:42					RELEASE & HELD
					PLUG R! M HOLES 25SKS 60Kb P02

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