

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 8061
Name: Oil Producers, Inc. of Kansas
Address: P.O. Box 8647
City/State/Zip: Wichita, KS 67208
Purchaser: Western Gas Resources
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. _____

02/05/2004 02/12/04 3/19/2004
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 077-21472-00-00
County: Harper Approx 100' South of
n/2. nw. se Sec. 23 Twp. 33 S. R. 6 East West
2210 feet from S / N (circle one) Line of Section
1980 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Carothers A Well #: 2
Field Name: Stohrville
Producing Formation: Mississippi
Elevation: Ground: 1286' Kelly Bushing: 1291'
Total Depth: 4480' Plug Back Total Depth: 4440'
Amount of Surface Pipe Set and Cemented at 221 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to ALT I W H M 10-16-06 w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 12,096 ppm Fluid volume 109 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.: _____

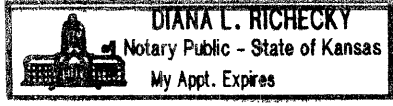
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: MAY 18, 2004

Subscribed and sworn to before me this 18 day of MAY

X 2004
Notary Public: [Signature]
Date Commission Expires: 1/12/2008



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: Carothers A Well #: 2
 Sec. 23 Twp. 33 S. R. 6 East West County: Harper

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 checked="" type="checkbox"/> Yes No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes No	Name	Top	Datum
Cores Taken	Yes <input checked="" type="checkbox"/> No	Heebner	3112'	-1821'
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes No	latan	3472'	-2181'
List All E. Logs Run:		Kansas City	3744'	-2453'
Dual Receiver Cement Bond Log, Compensated Density		Mississippian	4372'	-3081'
Neutron Log, Dual Induction Log, Geological Report		LTD	4479'	-3188'

CASING RECORD							
				New	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"	24#	221'	see note #1	see note	see note #1
Production		4 1/2"	10.5#	4478'	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 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
	2 3/8"	4437.19'	N/A	Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method			
3/19/2004	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
		100		

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Submit ACO-18.) Other (Specify) _____

Attachment 1 – Carothers A #2

Note #1:

Surface	Type of Cement	Type and Percent Additives
185 sacks	60/40 Poz	2% gel, 3%cc
Production		
125 sacks	AA-2	Premium

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 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

Bill to:		6395901	Invoice	Invoice Date	Order	Order Date
OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208			402042	2/19/04	7788	2/12/04
RECEIVED MAY 19 2004 KCC WICHITA		Service Description				
		Cement				
		Lease			Well	
		Carothers			A-2	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	B. McCoy	B. Drake	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	125	\$13.74	\$1,717.50 (T)
D203	60/40 POZ (COMMON)	SK	35	\$7.84	\$274.40 (T)
C195	FLA-322	LB	95	\$7.50	\$712.50 (T)
C221	SALT (Fine)	GAL	587	\$0.25	\$146.75 (T)
C243	DEFOAMER	LB	12	\$3.00	\$36.00 (T)
C244	CEMENT FRICTION REDUCER	LB	30	\$4.50	\$135.00 (T)
C312	GAS BLOCK	LB	89	\$5.00	\$445.00 (T)
C321	GILSONITE	LB	625	\$0.60	\$375.00 (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	TURBOLIZER, 4 1/2"	EA	6	\$67.00	\$402.00 (T)
F120	BASKET, 4 1/2"	EA	2	\$180.00	\$360.00 (T)
F170	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$230.00	\$230.00 (T)
F210	AUTO FILL FLOAT SHOE, 4 1/2"	EA	1	\$250.00	\$250.00 (T)
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	70	\$2.00	\$140.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	70	\$3.25	\$227.50
E107	CEMENT SERVICE CHARGE	SK	110	\$1.50	\$165.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	522	\$1.30	\$678.60
R209	CASING CEMENT PUMPER, 4001-4500' 1ST 4 HRS ON LOC	EA	1	\$1,764.00	\$1,764.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Sub Total: \$9,576.75

Discount: \$2,622.55

Discount Sub Total: \$6,954.20

Harper County & State Tax Rate: 5.30% Taxes: \$244.45

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.



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P.O. Box 129
Liberal, KS 67905-0129
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Invoice

(T) Taxable Item

Total: \$7,198.65

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

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TREATMENT REPORT

Customer ID	Date
Customer <i>Oil Producers Inc. of Ks.</i>	<i>2-12-04</i>
Lease <i>Carothers</i>	Lease No.
	Well # <i>A-2</i>

Field Order # <i>7733</i>	Station <i>Pratt</i>	Casing <i>4 1/2 10.5"</i>	Depth	County <i>Harper</i>	State <i>Ks.</i>
Type Job <i>4 1/2 L.S. New Well</i>			Formation	Legal Description <i>23-335-6W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	Cont.	Acid		RATE	PRESS	ISIP
<i>4 1/2</i>				<i>125sk. AA2 (Premium)</i>				
Depth <i>4482</i>	Depth	From	To	Pre Pad <i>15.0 gal</i>	<i>1.44 FT3</i>	Max		5 Min.
Volume <i>71.3</i>	Volume	From	To	Pad <i>25% Friction Reducer</i>		Min		10 Min.
Max Press <i>1500</i>	Max Press	From	To	Frac <i>80% FLA-322, 75% Gas Block</i>		Avg		15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	<i>5 1/2 sk. Gilsontite</i>		HHP Used		Annulus Pressure
Plug Depth <i>4456, 89</i>	Packer Depth	From	To	Flush <i>10% Salt</i>		Gas Volume		Total Load

Customer Representative <i>Brian McCoy</i>	Station Manager <i>Dave Auntry</i>	Treater <i>Bobby Drake</i>
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Service Units	<i>105</i>	<i>27</i>	<i>44</i>	<i>76</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1700</i>					<i>On Location - Safety Meeting</i>
<i>1710</i>					<i>Run Csg. 105 its. 4 1/2 A.F.F.S Bottom 1st</i>
					<i>L.D.B.P. Top 1st - Perfor. 1, 3, 5, 7, 9, & 11</i>
					<i>Back on #7</i>
<i>1845</i>					<i>Csg. On Bottom - Drop Ball</i>
<i>1859</i>					<i>Hook Up to Csg. - Break Circ. w/ Rig</i>
<i>2048</i>	<i>500</i>		<i>20</i>	<i>6.2</i>	<i>Start 2% KCL Flush</i>
<i>2052</i>	<i>500</i>		<i>12</i>	<i>6.2</i>	<i>Mud Flush</i>
<i>2054</i>	<i>600</i>		<i>5</i>	<i>6.2</i>	<i>H2O Spacer</i>
<i>2055</i>	<i>600</i>		<i>6</i>	<i>6.2</i>	<i>Super Flush</i>
<i>2056</i>	<i>600</i>		<i>3</i>	<i>6.2</i>	<i>H2O Spacer</i>
<i>2102</i>	<i>600</i>		<i>8</i>	<i>6.2</i>	<i>Mix Scavenger Cont @ 10.5 10sk.</i>
<i>2104</i>	<i>400</i>		<i>37</i>	<i>6.2</i>	<i>Mix Cont. @ 15.0" 125sk.</i>
<i>2110</i>					<i>Close In - Clear Pump & Lines</i>
<i>2114</i>	<i>300</i>			<i>8.0</i>	<i>Release Plug - Start Disp.</i>
<i>2120</i>	<i>400</i>		<i>55</i>	<i>6.5</i>	<i>Lift Cont. Decrease Rate</i>
<i>2125</i>	<i>1500</i>		<i>70</i>		<i>Plug Down - Pressure up on Csg.</i>
	<i>0</i>				<i>Release Pressure - Hold</i>
					<i>Circulation thru Job</i>
					<i>Job Complete</i>
					<i>Thanks, Bobby</i>

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



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Invoice

Bill to:			6395901	Invoice	Invoice Date	Order	Order Date
OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208				402017	2/12/04	7785	2/5/04
Service Description							
Cement							
Lease						Well	
Carothers						A-2	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms		
	L. Urban	B. Drake	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	185	\$7.84	\$1,450.40 (T)
C310	CALCIUM CHLORIDE	LBS	480	\$0.75	\$360.00 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00 (T)
E107	CEMENT SERVICE CHARGE	SK	185	\$1.50	\$277.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	70	\$3.25	\$227.50
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	560	\$1.30	\$728.00
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: \$4,040.40

Discount: \$1,212.12

Discount Sub Total: \$2,828.28

Harper County & State Tax Rate: 5.30% Taxes: \$70.32

(T) Taxable Item

Total: \$2,898.60

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

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INVOICE NO.
Date *2-5-04*
Customer ID

Subject to Correction

FIELD ORDER

7785

Lease *Carothers* Well # *"A" 2* Legal *23-33s-6w*
 County *Harper* State *Ks.* Station *Pratt*
 Depth Formation Shoe Joint *43.20*
 Casing *8 5/8 24#* Casing Depth *220* TD *221* Job Type *8 5/8 Surface New We*
 Customer Representative *Laron Urban* Treater *Bobby Drake*

Oil Producers Inc. of Ks.

AFE Number PO Number

Materials Received by *X Laron Urban*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
<i>D203</i>	<i>185 sk.</i>	<i>60/40 Poz (Common)</i>	<i>✓</i>			
<i>C310</i>	<i>480 lb.</i>	<i>Calcium Chloride</i>	<i>✓</i>			
<i>F163</i>	<i>1 ea.</i>	<i>Wooden Cmt. Plug, 8 5/8</i>	<i>✓</i>			
<i>E107</i>	<i>185 sk.</i>	<i>Cmt. Service Charge</i>				
<i>E100</i>	<i>70 mi.</i>	<i>UNITS 1-Way MILES 70 mi.</i>				
<i>E104</i>	<i>560 tm.</i>	<i>TONS MILES</i>				
<i>R280</i>	<i>1 ea.</i>	<i>EA. 0-300' PUMP CHARGE</i>				
<i>R701</i>	<i>1 ea.</i>	<i>Cmt. Head Rental</i>				
		<i>Discounted Price</i>		<i>2323.28</i>		

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