

ORIGINAL

KANSAS CORPORATION COMMISSION
Oil & Gas Conservation Division
WELL COMPLETION FORM
WELL HISTORY- DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
\*orm Must be Typed

Operator License #: 8061

Name: Oil Producers, Inc. of Kansas

Address: P.O. Box 8647

City/State/Zip: Wichita, Ks. 67208

Purchaser:

Operator Contact Person: Diana Richecky

Phone: (316)-681-0231

Contractor Name: MALLARD JV, INC.

License: 4958

Wellsite Geologist: William Shepherd

Designate Type of Completion:

X New Well Re-Entry Workover
Oil SWD SIOW Temp. Abd.
X Gas ENHR SIGW
Dry Oher (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: 5-4-01

Well Name:

Original Comp. Date: Original Total Depth:

Deepening Re-perf. X Conv. To Enhr. SWD

Plug Back Plug Back Total Depth

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Enhr.?) Docket No.

9/5/2000 9/14/2000 10/4/2000

Spud Date or Date Reached TD Completion Date or

Recompletion Date Recompletion Date

API No. 15 - 033-21,141 - 00-00

County: COMANCHE 70' N and 70' E of

- C - NE Sec. 6 Twp. 31 S R. 16 East West

4030 feet from N (circle one) Line of Section

1250 feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: ROBBINS Well #: 2-6 KCC

Field Name: GLICK

Producing Formation: MISSISSIPPI CHERT

Elevation: Ground: 2053 Kelly Bushing: 2058

Total Depth: 4970 Plug Back Total Depth: 4929

Amount of Surface Pipe Set and Cemented at 520 Feet

Multiple Stage Cement Collar Used? Yes No

If yes, show depth set

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan: A-1 8/24/01 KCC

(Data must be collected from the Reserve Pit)

Chloride content 4560 ppm. Fluid volume 80 bbls.

Dewatering method used no free fluid, dried, no need to haul off

Location of fluid disposal if hauled offsite:

Operator Name:

Lease Name: License No.

Quarter Sec. Twp. S. R. East West

County Docket No.:

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KANSAS CORPORATION COMMISSION
MAY 4 2001

INSTRUCTIONS: An original and two copies of this form shall be filed with 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 82-3-120 and 82-3-107 apply. Information of side two of this form will 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: Date: 5/3/2001

Subscribed and sworn to before me this 3rd day of May

2001.

Notary Public: [Handwritten Signature]

Date Commission Expires: 1/12/2004

KCC Office Use ONLY
Letter of Confidentiality Attached
If Denied, Yes No Date
Wireline Log Received
Geological Report Received
UTC Distribution KCC



X

Operator Name: Oil Producers, Inc. of Kansas Lease Name: Robbins Well #: 2

Sec. 6 Twp. 31 S. R. 16  East  West County: Comanche

**INSTRUCTIONS:** show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stem 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). Attached extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological wellsite report.

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No

Geological log, Compensated Neutron Log, Sonic Log, Dual Induction  
Dual Receiver Cement bond log

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Heebner	4098'	-2040
Brown Lime	4263'	-2205'
Lansing-Kansas City	4282'	-2224'
Eros Mississippi	4851'	-2793'
Mississippi chert	4864'	-2809'
LTD	4971'	-2913'

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	12. 1/2"	8 5/8"	23	520	A-con, 60 40 poz	130, 120	
Production		4 1/2"	10.5	4969	EA-2	125	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
See Attached Initial completion Report for Perf and other information		

TUBING RECORD	Size	Set At	Packer At	Liner Run	+++	+++
	2 3/8"	4881.57'			+++ Yes	+++ No

Dale of First, Resumed Production, SWD or Inj.:	Producing Method	Flowing	Pumping	Gas Lift	Other (Explain)	Gravity
12/1/2000		Bbls.	Bbls.	Gas-Oil Ratio		
Estimated Production	Oil	Gas	Water			
		400mcf				

Disposition of Gas: **METHOD OF COMPLETION** Production Interval  
 +++ Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  see sheet  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

**RECEIVED**  
KANSAS CORPORATION COMMISSION

MAY 4 2001

CONSERVATION DIVISION



# 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

<b>Bill to:</b>		6395901	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
OIL PRODUCERS INC. OF KANSAS			913	9/9/00	2602	9/6/00
P.O. Box 8647			<b>Service Description</b>			
Wichita, KS 67208			Cement - Surface			
			<b>Lease</b>		<b>Well</b>	
			Robbins		2-6	
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>	
	Lavern Urban	Kevin 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	'A-CON' BLEND	SK	130	\$13.50	\$1,755.00
D202	60/40 POZ	SK	100	\$8.25	\$825.00
C195	CELLFLAKE	LB	52	\$1.85	\$96.20
C310	CALCIUM CHLORIDE	LBS	624	\$0.60	\$374.40
F143	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00
F263	BAFFLE PLATE ALUMINUM, 13 3/8"	EA	1	\$50.00	\$50.00
E107	CEMENT SERVICE CHARGE	SK	230	\$1.50	\$345.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	40	\$3.00	\$120.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	416	\$1.25	\$520.00
R201	CASING CEMENT PUMPER, 301-500'	EA	1	\$670.00	\$670.00

**Sub Total:** \$4,840.60

**Discount:** \$1,483.51

**Discount Sub Total:** \$3,357.09

**Tax Rate:** 5.90%

**Taxes:** \$0.00

(T) Taxable Item

**Total:** \$3,357.09

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

02602

INVOICE NO.	Date <b>8-9-00</b>			Lease <b>ROBBINS</b>	Well # <b>2-6</b>	Legal <b>6-315-16w</b>
Customer ID	County <b>COMANCHE</b>	State <b>KS.</b>	Station <b>PRATT, KS.</b>			
Depth		Formation		Shoe Joint		
Casing <b>8 5/8</b>	Casing Depth <b>520</b>	TD <b>698</b>	Job Type <b>SURFACE-NEW WELL</b>			
Customer Representative <b>LAVON URBAN</b>			Treater <b>HELEN CORBLEY</b>			

CHARGE

*OR PROVIDERS INC. OF KS.*

AFE Number	PO Number	Materials Received by <b>X Laver Urban</b>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D200	130 SCS.	A-CON CEMENT				
D202	100 SCS.	60/40 POZ CEMENT				
C195	52 lbs.	CENFLAKE				
C310	624 lbs.	CALCIUM CHLORIDE				
E143	1 EA.	8 5/8 WOOD PLUG				
F263	1 EA.	8 5/8 ALUM. BAFFLE PLATE				
E107	230 SCS	CEMENT SERVICE CHARGE				
E100	40 miles	UNITS                      MILES				
E104	416 TM	TONS                      MILES				
R201	1 EA.	EA. 500'                      PUMP CHARGE				
DISCOUNTED PRICE =				3357.09		
PLUS TAX						

# ORIGINAL

## TREATMENT REPORT 02441



Customer ID	Date
Customer <i>OIL PROD. INC. OF KS</i>	<i>9-6-00</i>
Lease <i>ROBBINS</i>	Lease No. Well # <i>2-6</i>

Field Order # <i>02602</i>	Station <i>PRATT, KS</i>	Casing <i>8 5/8</i>	Depth <i>520'</i>	County <i>COMANCHE</i>	State <i>KS.</i>
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Type Job <i>SURFACE - NEW WELL</i>	Formation	Legal Description <i>6-315-16W</i>
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PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid <i>130 SLS. A-CON</i>		RATE	PRESS	ISIP
Depth <i>520</i>	Depth	From	To	Pre-Prod <i>3% CC, 1 1/4" CEMENT</i>	Max			5 Min.
Volume	Volume	From	To	Post <i>100 SLS. 60/40 POZ</i>	Min			10 Min.
Max Press	Max Press	From	To	Pre <i>7% GEL, 3% CC,</i>	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	<i>1 1/4" CEMENT</i>	HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative <i>LAWAN URBAN</i>	Station Manager <i>DAVE AUSTIN</i>	Treater <i>KEVIN CORDLEY</i>
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Service Units	<i>107</i>	<i>35</i>	<i>57</i>	<i>3 1/4</i>	<i>70</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0500</i>					<i>ON LOCATION</i>
					<i>DRILLED AHEAD TO 698'</i>
					<i>RUN 12 JTS. 8 5/8 23" OSG - 520'</i>
					<i>RUN ALUM. BAFFLE PLATE IN 1<sup>st</sup> COLLAR.</i>
					<i>BRUSH OFF. W/ PSC PUMP</i>
<i>0800</i>	<i>150</i>		<i>10</i>	<i>6</i>	<i>PUMP 10 BBL H<sub>2</sub>O</i>
			<i>20</i>	<i>6</i>	<i>START MIX CEMENT</i>
			<i>60</i>	<i>6</i>	<i>130 SLS. A-CON AT 12.0 PPG</i>
			<i>22</i>	<i>6</i>	<i>100 SLS. 60/40 POZ AT 15.0 PPG</i>
	<i>50</i>		<i>88</i>	<i>6</i>	<i>FINISH MIX CEMENT</i>
					<i>SHUT DOWN - DROP PLUG</i>
	<i>0</i>		<i>0</i>	<i>6</i>	<i>START DISP.</i>
<i>0830</i>	<i>300</i>		<i>30.5</i>	<i>2</i>	<i>PLUG DOWN</i>
					<i>SHUT IN CEMENT HEAD</i>
					<i>C.F.P.C. 20 SLS. CEMENT TO PIT</i>
<i>0900</i>					<i>JOB COMPLETE</i>
					<i>T. HARRIS. Kevon</i>



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**ACIDIZING · FRACTURING · CEMENTING**

## 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			945	9/18/00	2608	9/14/00
P.O. Box 8647			<b>Service Description</b>			
Wichita, KS 67208			Cement - Longstring			
			<b>Lease</b>		<b>Well</b>	
			Robbins		2-6	
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>	
	Shane Summers	Kevin Gordley	New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D204	AA2	SK	125	\$13.56	\$1,695.00
D202	60/40 POZ	SK	35	\$8.25	\$288.75
C223	SALT (Fine)	LBS	644	\$0.35	\$225.40
C196	FLA-322	LB	63	\$7.25	\$456.75
C243	DEFOAMER	LB	12	\$2.50	\$30.00
C322	GILSONITE	LB	638	\$0.55	\$350.90
C313	GAS BLOK	LB	89	\$5.00	\$445.00
F100	CENTRALIZER, 4 1/2"	EA	3	\$52.00	\$156.00
F150	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$184.00	\$184.00
F180	AUTO FILL FLOAT SHOE, 4 1/2"	EA	1	\$190.00	\$190.00
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00
C141	CC-1, KCL SUBSTITUTE	GAL	2	\$40.00	\$80.00
E107	CEMENT SERVICE CHARGE	SK	160	\$1.50	\$240.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	40	\$3.00	\$120.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	296	\$1.25	\$370.00
R210	CASING CEMENT PUMPER, 4501-5000'	EA	1	\$1,740.00	\$1,740.00

**Sub Total:** \$6,946.80

**Discount:** \$2,084.04

**Discount Sub Total:** \$4,862.76

**Tax Rate:** 5.90%

**Taxes:** \$0.00

(T) Taxable Item

**Total:** \$4,862.76

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			<b>FIELD ORDER</b>	02608
Date 9-14-00	Lease ROBBINS	Well # 2-6	Legal 6-315-16W		
Customer ID	County COMANCHE	State KS.	Station PRATT, KS		
CHARGE OIL PRODUCERS INC. OF KS.	Depth	Formation	Shoe Joint		
	Casing 4 1/2	Casing Depth 4969'	TD 4970	Job Type LONGSTRONG - NEW WELL	
	Customer Representative STEPHANE SUMMERS		Treater KEVIN CORDLEY		

AFE Number	PO Number	Materials Received by 
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D204	125 SKS.	AAZ CEMENT				
D202	325 SKS.	60/40 POZ CEMENT				
C223	644 LBS.	SAPT				
C196	63 LBS.	FLA-322				
C243	12 LBS.	DEFOMMER				
C322	638 LBS.	PERSONITE				
C313	89 LBS.	GAS BLOCK				
F100	2 EA.	4 1/2 CENTRALIZER				
F150	1 EA.	4 1/2 LATCH DOWN PLUG				
F180	1 EA.	4 1/2 AUTO FILL FLOAT SHOE				
C302	500 gal.	MUD FLUSH				
C141	2 gal.	CC-1				
E107	160 SKS.	CEMENT SERVICE CHARGE				
E100	40 miles	UNITS MILES				
E104	296 TON	TONS MILES				
R210	1 EA.	EA. 4970' PUMP CHARGE				
DISCOUNTED PRICE =				4862.76		
PLUS TAX						

# ORIGINAL

## TREATMENT REPORT 02445



Customer ID		Date	
Customer <i>OIL PRODUCERS INC OF KS</i>		<i>9-14-00</i>	
Lease <i>ROBBINS</i>		Lease No.	Well # <i>2-6</i>

Field Order # <i>02608</i>	Station <i>PRATT, KS</i>	Casing <i>4 1/2</i>	Depth	County <i>COMANCHE</i>	State <i>KS</i>
Type Job <i>LONGSTRING - NEW WELL</i>			Formation	Legal Description <i>6-315-16W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<i>4 1/2</i>				<i>125 SLS AA2</i>				5 Min.
Depth	Depth	From	To	<i>10% SALT 5% CEMENT</i>	Max			
Volume	Volume	From	To	<i>5% FLU-322, .75%</i>	Min			10 Min.
Max Press	Max Press	From	To	<i>GAS BLOCK, 1%</i>	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	<i>DEFORMER</i>	HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	<i>35 SLS 60/40 POZ</i>	Gas Volume			Total Load

Customer Representative <i>SHANE SWINIMERS</i>	Station Manager <i>DAVE ATRY</i>	Treater <i>KEVIN CORDLEY</i>
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Service Units	<i>107</i>	<i>23</i>	<i>34</i>	<i>72</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2300</i>					<i>ON LOCATION TD-4970'</i>
					<i>RUN 124 JTS 4 1/2 CSG - 4975'</i>
					<i>RUN FLOAT SHOE, LATCH DOWN</i>
					<i>RAFFLE IN 1ST COLLAR</i>
					<i>CENTRALIZER - 2-4-6</i>
					<i>TAG BOTTOM, DROP BALL, BRUSH CORE.</i>
<i>0700</i>	<i>500</i>		<i>20</i>	<i>6</i>	<i>PUMP 20 BBL 2% HCL H<sub>2</sub>O</i>
	<i>500</i>		<i>12</i>	<i>6</i>	<i>PUMP 12 BBL MUDFLUSH</i>
	<i>500</i>		<i>5</i>	<i>6</i>	<i>PUMP 5 BBL H<sub>2</sub>O SPACER</i>
	<i>500</i>		<i>0</i>	<i>6</i>	<i>START MIX CEMENT</i>
					<i>(10 SLS. SCAVENGER, 125 SLS. AA2)</i>
	<i>100</i>		<i>32</i>	<i>6</i>	<i>FINISH MIX CEMENT</i>
					<i>SHUT DOWN WASHLINE - DROP PLUG</i>
	<i>0</i>		<i>0</i>	<i>8</i>	<i>START DISP</i>
	<i>300</i>		<i>54</i>	<i>8</i>	<i>START LEFT CEMENT</i>
	<i>600</i>		<i>74</i>	<i>4</i>	<i>SLOW RATE</i>
	<i>1500</i>		<i>78.7</i>	<i>4</i>	<i>PLUG DOWN</i>
<i>0235</i>					<i>RELEASE - PLUG <del>SET</del> DID NOT HOLD</i>
					<i>25 SLS. 60/40 POZ → PLUG BIT HOLE &amp; MOUSE HOLE</i>
					<i>JOB COMPLETE</i>
					<i>THANKS KEVIN</i>



**MALLARD JV, Inc.**  
DRILLING CONTRACTORS

P. O. Box 1009  
McPherson, KS 67460 316-241-4640

**Drillers Log**

OPERATOR: **Oil Producers, Inc. of Kansas**  
P. O. box 8647  
Wichita, KS 67208

WELL: **Robbins #2-6**

**ORIGINAL**

API #: 15-033-21141-0000

COMMENCED: September 5, 2000

LOCATION: 70' N & 70' E of C NE  
4030' FSL, 1250' FEL  
Section 6, Township 31 S, Range 16 W  
Comanche County, KS

COMPLETED: September 14, 2000

TOTAL DEPTH: 4,970'

ELEVATION: 2053' GL, 2058' KB

STATUS: Set Casing - Viola formation

SPUD: 6:30 pm 9/5/00  
SIZE HOLE DRILLED: 12-1/4" x 700'  
SURFACE CASING SIZE: 8-5/8" x 23# x 513.55' (12 jts.)  
SET AT: 520.15'  
CEMENT: 130 sacks A-Con, and  
100 sacks 60/40 Pozmix

SIZE HOLE DRILLED: 7-7/8" x 4970' RTD  
PRODUCTION CASING: 4-1/2" x 10.5# x 4975' (124 jts.)  
SET AT: 4969'  
CEMENT: 125 sacks EA-2  
PD: 2:35 am 9/14/00

DRILL STEM TESTS: 1  
ELECTRIC LOG: Yes

OIL PRODUCERS INC., OF KS.  
INITIAL COMPLETION REPORT

WELL - ROBBINS #2-6

LEGAL - APPROX. C-NE/4 OF 6-31s-16w IN COMANCHE CO. KS.

API# - 15-033-21,141

G.L. - 2053'

K.B. - 5' ABOVE G.L. @ 2058'

SURFACE CSN - 8 5/8" @ 520' WITH 203 SX.

RTD - 4970'

LTD - 4971' (ELI 9/13/00)

PROD CSN - 4 1/2", 10.5# @ 4969' WITH 125 SX. EA-2 AND GAS STOP.

TOP OF CEMENT - 4450' WITH GOOD BONDING ABOVE & BELOW PERFS.

PBTD - 4929' (ELI CORRELATION LOG 9/26/00)

PERFORATIONS - MISSISSIPPI CHERT 4867'-4885' 2 SHOTS/FT 9/26/00

TUBING RAN - 15' MA, S.N., 158 JTS. 2 3/8" TUBING (4881.57'), 6', 6'.

TUBING SET @ - 4911.67'

AVERAGE TBG JT. - 30.90'

PUMP RAN - 2" X 1 1/4" X 12' RWBC WITH 6' GAS ANCHOR.

RODS RAN - PUMP, 2', 195 - 3/4" RODS, 4', 4', 2', 1 1/4" X 16' POLISHED ROD.

PUMP SET @ - 4896.67'

PUMPING UNIT - EMSCO 114, SERIAL # - 6722, WITH 54" STROKE.

ENGINE - CONTINENTAL C-66

SURFACE EQUIPMENT

ORIGINAL

# ORIGINAL

9/26/00

COMANCHE WELL SERVICE ON LOCATION, RIG UP D-D DERRICK.  
ELI WIRELINE ON LOCATION TO RUN CORRELATION AND DUAL RECEIVER CEMENT BOND LOG.

FOUND TTL DEPTH - 4929' (THIS IS 14' HIGH TO TOP INSERT @ 4943')

FOUND TOP OF CEMENT - 4450'

NOTE: FOUND POOR CEMENT BONDING WITHIN PROPOSED PERFORATED INTERVAL 4468'-490'. MOST LIKELY DUE TO GAS EFFECT. HAD GOOD CEMENT ABOVE & BELOW THIS INTERVAL, GIVING US SUFFICIENT ISOLATION FOR COMPLETION.

COMANCHE SWABBED FRESH WATER FROM 4 1/2" CASING DOWN TO 4500' FROM SURFACE.

ELI RIGGED TO PERFORATE PROPOSED INTERVAL IN MISS CHERT UTILIZING 32 GRAM EXPENDABLE CASING GUN.

PERFORATE MISS CHERT - 4867'-4885' WITH 2 SHOTS/FT.

HAD GAS TO SURFACE IN 2 MINUTES AFTER PERFORATING.

COMANCHE SWABBED 4 1/2" CASING DOWN TO TTL DEPTH. STRONG GAS BLOW.

1/2 HR. TEST - MEASURED GAS @ 347 MCFPD. RECOVERED NO FLUID.

SHUT WELL IN FOR THE NIGHT.

9/27/00

SICP - 280 psi, FLUID LEVEL - 4800' DOWN. NO FREE OIL.

COMANCHE MADE 1 SWAB RUN TO DRY WELL UP. RECOVERED APPROX 100' WATER.

ACID SERVICES ON LOCATION TO ACIDIZE MISS PERFS 4867'-85' WITH 2500 GALS 15% DSFE WITH FOAMERS AND CLA-STABILIZERS. UTILIZING 40 BALL SEALERS FOR DIVERTING AGENTS.

ACIDIZE MISS PERFS AS FOLLOWS:

PUMP 500 GALS 15% DSFE ACID.

PUMP 2000 GALS 15% DSFE ACID WITH 40 BALL SEALERS SPACED EQUALLY.

LOAD HOLE WITH 18 BBLs MISS FIELD BRINE. ACID STARTED FEEDING INTO PERFS.

DISPLACE 500 GALS ACID @ 1.7 BPM - 500# TO 2 BPM - 200#.

DISPLACE 2000 GALS ACID @ 3.2 BPM - 200# TO VAC @ END OF JOB.

ISIP - VAC, TOTAL ACID LOAD TO RECOVER - 137 BBLs.

NOTE: - OBSERVED VERY LITTLE BALL ACTION.

COMANCHE RIGGED TO RUN 2 3/8" TUBING FROM ROBBINS #1 WELL.

RAN PRODUCTION TUBING AS FOLLOWS:

MUD ANCHOR X 2 3/8"	15.00'
SEATING NIPPLE X 2 3/8"	1.10'
158 JTS. 2 3/8" TUBING USED	4881.57'
6', AND 6' X 2 3/8" TUBING SUBS	12.00'
K.B. (5' < 3' ABOVE G.L.)	2.00'
TUBING SET @	4911.67'
SEATING NIPPLE SET @	4896.67'

COMANCHE RIGGED UP 2 3/8": TUBING SWAB TO SWAB MISS AFTER ACID JOB.

ORIGINAL

10/3/00

GABEL LEASE SERVICE ON LOCATION.  
BUILT PUMPING UNIT GRADE TO SOUTH OF WELL.  
SET EMSCO 114 PUMPING UNIT, SERIAL # 6722 WITH 54" STROKE AND CONTINENTAL C-66  
ENGINE FROM ROBBINS #1 WELL.

HOOKED UP GAS SUPPLY TO ENGINE AND TIED TUBING AND CASING TO TEST  
SEPARATOR AND TANK, TO PERFORM STATE 4-POINT TEST.

10/4/00

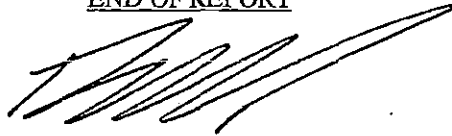
GARY MEIER ON LOCATION TO PERFORM STATE 4-POINT TEST.

SICP - 389 psi.

PERFORM STATE TEST. TEST ATTACHED TO THIS REPORT.  
SHUT WELL IN.

WILL PERFORM 1-POINT TEST AFTER PIPELINE CONNECTION IS COMPLETE.  
ONEOK PIPELINE WILL EITHER SET METER STATION ON SITE OR WE WILL LAY A STEEL  
GAS DELIVERY LINE TO THE ROBBINS #1 SITE ASAP.

END OF REPORT



BRAD SIROKY

# Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 9-12-2000 Location 70° 10' 10" N / 102° 16' 00" W / 6-31-16 W Elevation 20536.1 County Comanche

Company Oil Producers Inc. of Kansas Number of Copies 5

Charts Mailed to P.O. Box 8647 Wichita Kansas 67208

Drilling Contractor J.V. Mallard Inc.

Length Drill Pipe 4598 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars 248 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 4860 Bottom Packer Depth 4865 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4865 TO 4895 ANCHOR LENGTH 30 TOTAL DEPTH 4895 Hole Size 7 7/8

LEASE & WELL NO. Robbins # 2-6 FORMATION TESTED Mississippi TEST NO. 1

Mud Weight 97 Viscosity 46 Water Loss 142 Chlorides - Pits \_\_\_\_\_ D.S.T. \_\_\_\_\_

Maximum Temp. \_\_\_\_\_ °F Initial Hydrostatic Pressure (A) 2544 P.S.I. Final Hydrostatic Pressure (H) 2506 P.S.

Tool Open I.F.P. from 6:00 am to 6:30 pm 30 min from [B] 224 P.S.I. to [C] 214 P.S.I.

Tool Closed I.C.I.P. from 6:30 pm to 7:30 pm 60 min [D] 478 P.S.I.

Tool Open F.F.P. from 7:30 pm to 8:00 pm 30 min from [E] 214 P.S.I. to [F] 214 P.S.I.

Tool Closed F.C.I.P. from 8:00 pm to 9:00 pm 60 min [G] 478 P.S.I.

Initial Blow String blow - Gas to surface in 3 minutes

Final Blow String blow - See Gas Flow Report

Total Feet Recovered 200 Gravity of Oil \_\_\_\_\_ Correct \_\_\_\_\_

200 Feet of Drilling Mud % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wat \_\_\_\_\_

ORIGINAL

Remarks \_\_\_\_\_

Extra Equipment - Jars NONE Safety Joint NONE Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. Electronic Depth 4888 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13189 Clock No. 47441 Depth 4892 Insurance NONE

Price of Job \_\_\_\_\_

Tool Operator Jane Pugh

Approved By \_\_\_\_\_

No. 13933

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to property or personnel of the one for whom a test is made, of for any loss suffered sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

**SUPERIOR TESTERS ENTERPRISES INC.**

Great Bend, Kansas

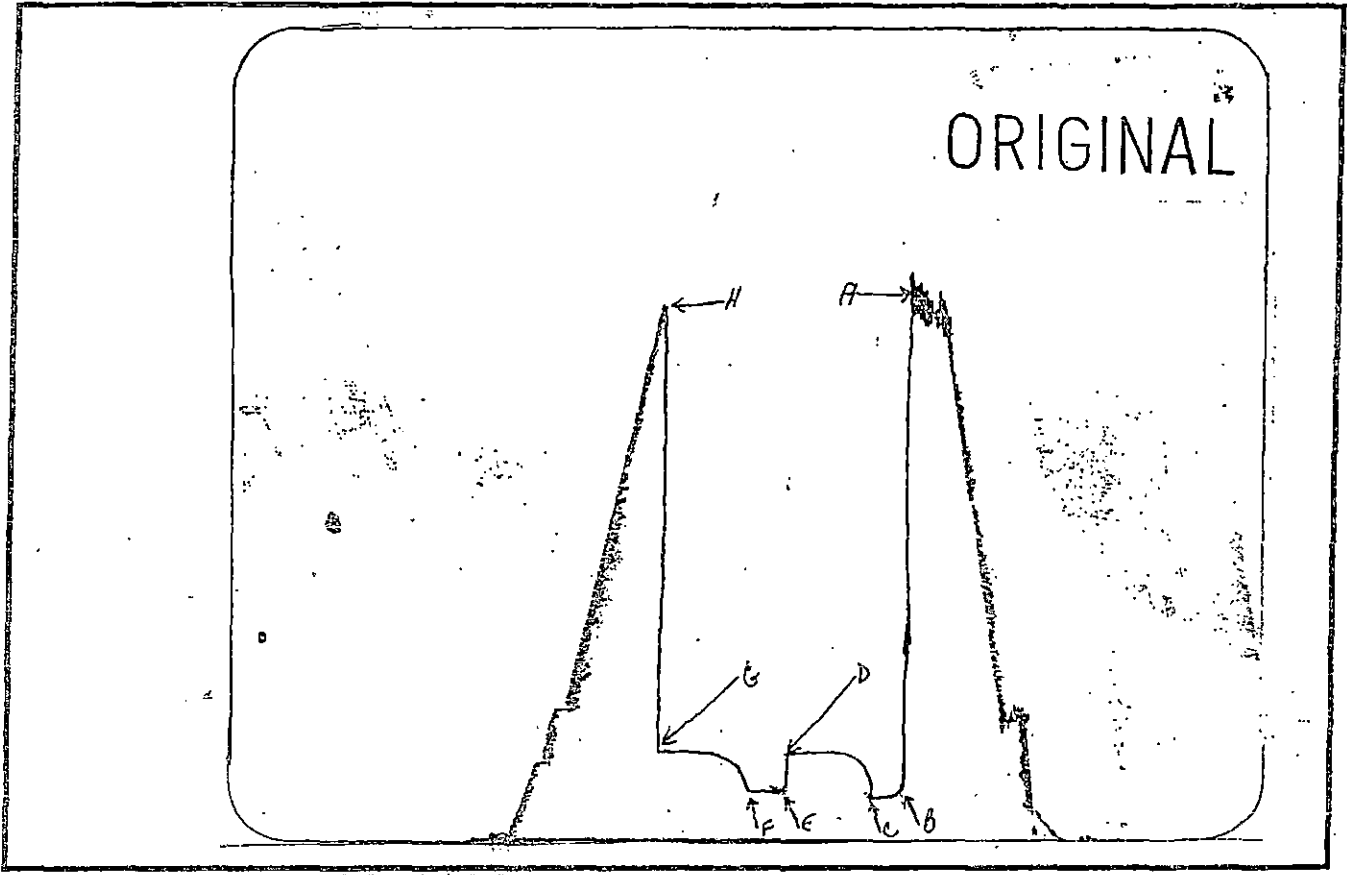
**CHART DATA**

(316) 792-6902

State ..... KANSAS  
 County ..... COMANCHE  
 Field .....

Test Date ..... September 12, 2000  
 Sec Town Range ..... 6-31S-16W  
 Report Number ..... 13933

Company: OIL PRODUCERS INC. OF KANSAS Lease & Well No. ROBBINS #2-6 Test # 1 Date: 9-12-2000  
 SEC. 6 TWP. 31S RGE. 16W



**Field Reading      Office Reading**

(A)	Initial Hydrostatic Pressure	2506	2544
(B)	Initial Flow Pressure	224	253
(C)	Final Initial Flow Pressure	214	234
(D)	Initial Shut-In Pressure	478	459
(E)	Initial Final Flow Pressure	214	224
(F)	Final Flow Pressure	214	224
(G)	Final Shut-In Pressure	478	459
(H)	Final Hydrostatic Pressure	2506	2468

**ELECTRONIC RECORDER DEPTH 4888 FT, RECORDER NUMBER 78225**

# SUPERIOR TESTERS ENTERPRISES INC.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

### GENERAL INFORMATION

COMPANY NAME .....	OIL PRODUCERS INC. OF KANSAS	LEASE AND WELL NUMBER .....	ROBBINS #2-6
TEST DATE .....	9/12/00	FORMATION TESTED .....	MISSISSIPPI
SECTION-TOWN-RANGE .....	6-31S-16W	DRILL STEM TEST NUMBER .....	1
STATE .....	KANSAS	REPORT NUMBER .....	13933
COUNTY .....	COMANCHE	ELEVATION KELLY BUSHINGS .....	2058
ELEVATION GROUND LEVEL .....	2053	TESTING ENGINEER .....	GENE BUDIG
COMPANY REPRESENTATIVE .....	BILL SHEPARD		

# ORIGINAL

### TOOL SETTING INFORMATION

TEST INTERVAL (From) .....	4865	TOP PACKER DEPTH .....	4860
TEST INTERVAL (to) .....	4895	BOTTOM PACKER DEPTH .....	4865
ANCHOR LENGTH .....	30	NUMBER OF PACKERS .....	2
TOTAL DEPTH (ft) .....	4895	PACKER SIZE .....	6 3/4
		HOLE SIZE .....	7 7/8

### FLOW TIMES

<i>INITIAL OPEN</i>	
TOOL OPEN (from) .....	6:00
TOOL OPEN (to) .....	6:30
DURATION (min.) .....	30
<i>INITIAL SHUT-IN</i>	
TOOL CLOSED (from) .....	6:30
TOOL CLOSED (to) .....	7:30
DURATION (min.) .....	60
<i>FINAL OPEN</i>	
TOOL OPEN (from) .....	7:30
TOOL OPEN (to) .....	8:00
DURATION (min.) .....	3
<i>FINAL SHUT-IN</i>	
TOOL CLOSED (from) .....	8:00
TOOL CLOSED (to) .....	9:00
DURATION (min.) .....	6

### PRESSURE READINGS

INITIAL HYDROSTATIC .....	2506
INITIAL FLOW .....	224
FINAL INITIAL FLOW .....	214
INITIAL SHUT-IN .....	478
INITIAL FINAL FLOW .....	214
FINAL FLOW .....	214
FINAL SHUT-IN .....	478
FINAL HYDROSTATIC .....	2506
MAXIMUM TEMPERATURE .....	
TOP RECORDER DEPTH .....	4838
RECORDER NUMBER .....	78225
BOTTOM RECORDER DEPTH .....	13189
RECORDER NUMBER .....	5463

### INITIAL BLOW

STRONG BLOW WITH GAS TO SURFACE IN 3 MINUTES

### FINAL BLOW

STRONG BLOW SEE GAS FLOW REPORT

### EXTRA EQUIPMENT

JARS .....	NO	STRADDLE .....	NO
SAFETY JOINT .....	NO	HOOK WALL .....	NO
ELECTRONIC RECORDER .....	YES	SAMPLER .....	NO
EXTRA PACKER (3RD) .....	NO	CIRCULATING SUB .....	NO
EXTRA PACKER (4TH) .....	NO		

**SUPERIOR TESTERS ENTERPRISES INC.**

**DRILL STEM TEST REPORT**

GREAT BEND, KANSAS 67530 (316)792-6902

ORIGINAL

WELL INFORMATION

DRILLING CONTRACTOR ..... **J.V. MALLARD #1**

DRILL PIPE LENGTH ..... **4598**

DRILL PIPE I.D. .... **3.8**

TOOL JOINT SIZE ..... **4 1/2 X.H.**

DRILL COLLAR LENGTH ..... **248**

DRILL COLLAR I.D. .... **2.25**

TOOL JOINT SIZE ..... **4 1/2 X.H.**

WEIGHT PIPE LENGTH .....

WEIGHT PIPE I.D. .... **2.25**

TOOL JOINT SIZE ..... **4 1/2 X.H.**

MUD WEIGHT #/GAL ..... **90.1**

VISCOSITY ..... **46**

WATER LOSS ..... **14.2**

CHLORIDES-PITS .....

CHLORIDES-DST .....

	FEET OF RECOVERY	RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1)	200	DRILLING MUD.				
2)						
3)						
4)						
5)						
6)						
7)						
8)						
9)						
10)						
11)						
12)						
13)						
14)						
15)						

TOTAL RECOVERY

COMMENTS



# SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

GAS FLOW RATE

(316) 752-6902

#

STATE..... KANSAS

Test Date ..... 9/12/00

COUNTY..... COMANCHE

Sec Town Range ..... 6-31S-16W

FIELD.....

Report Number ..... 13933

ORIGINAL

### Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pilot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED	6:05	35	20			1 1/2	311.000
6:00 WITH	6:10	10		3.5		1 1/2	709.000
GAS TO	6:20	20		4.25		1 1/2	789.000
SURFACE IN	6:30	30		4.5		1 1/2	814.000
3 MINUTES AT 6:03							

### Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pilot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED	7:40	10		4.5			814.000
AT 7:30	7:50	20		5			863.000
	8:00	30		5			863.000