

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: 1710 Waterfront Parkway
City/State/Zip: Wichita, KS 67206
Purchaser: Oneok
Operator Contact Person: Lori Wedel
Phone: (316) 681-0231
Contractor: Name: Cheyenne Drilling LP
License: 33375

Wellsite Geologist: N/A
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>9/22/2005</u>	<u>9/24/2005</u>	<u>10/28/2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 081-21612-00-00

County: ~~Seward~~ HASKELL

~~SW~~ ~~SW~~ ~~NE~~ Sec. 21 Twp. 30 S. R. 32 East West

4030 feet from (S) N (circle one) Line of Section

1250 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW

Lease Name: Leonard Well #: 3-21

Field Name: Hugoton

Producing Formation: Krider

Elevation: Ground: 2874 Kelly Bushing: 2881

Total Depth: 2800' Plug Back Total Depth: 2788'

Amount of Surface Pipe Set and Cemented at 679' 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 AH I MK
(Data must be collected from the Reserve Pit) 10-23-08

Chloride content 70 ppm Fluid volume 7840 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____ License No.: _____

Lease Name: _____

Quarter _____ Sec. MAR 3-0-2006 Twp. 2006 S. R. _____ East West

County: KCC WICHITA 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: Vice President Date: 3/29/2006

Subscribed and sworn to before me this 29 day of March, 2006

Notary Public: [Signature]

Date Commission Expires: Jan 12, 2008

KCC Office Use ONLY

No Letter of Confidentiality Attached

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

DIANA L. RICHECKY
Notary Public - State of Kansas
My Appt. Expires 1/12/08

Operator Name: Oil Producers Inc. of Kansas Lease Name: Leonard Well #: 3-21
 Sec. 21 Twp. 30 S. R. 32 East West County: Seward

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction Log, Compensated Density/Neutron PE Log, Micro Log, Sonic Log, Dual Receiver Cement Bond 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>Krider</td> <td>2639</td> <td>241</td> </tr> <tr> <td>Winfield</td> <td>2714</td> <td>166</td> </tr> </table>	✓ Log	Formation (Top), Depth and Datum	Sample	Name	Top	Datum	Krider	2639	241	Winfield	2714	166
✓ Log	Formation (Top), Depth and Datum	Sample											
Name	Top	Datum											
Krider	2639	241											
Winfield	2714	166											

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#	679'	See Note 1	See Note	See Note 1
Production		4 1/2"	10.5#	2800'	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	See	Initial Completion	Report	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	See Initial Completion Report	RECEIVED MAR 30 2006 KCC WICHITA	

TUBING RECORD		Size	Set At	Packer At	Liner Run	
		2 3/8"	2676'	N/A	Yes	<input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 11/1/2005		Producing Method				
		Flowing		<input checked="" type="checkbox"/> Pumping	Gas Lift	Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
		45				

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) _____

Attachment 1-Leonard #3-21

Note #1:

Surface	Type of Cement	Type and Percent Additives
175 sacks	A-con	3%cc 1/4# cellflake
125 sacks	Class A	2%cc1/4# cellflake

Production

325 sacks	A-con
110 sacks	Class A

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Surface



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

Bill to: OIL PRODUCERS INC. OF KANSAS 1710 Waterfront Parkway Wichita, KS 67206	6395901	Invoice	Invoice Date	Order	Order Date
		509103	9/28/05	10259	9/22/05
	Service Description				
	Cement				
	Lease		Well		Well Type
Leonard		3-21		New Well	
AFE		Purchase Order		Terms	
				Net 30	
CustomerRep	Treater				
B. Kasper	K. Harper				

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D101	A-CON BLEND (PREMIUM)	SK	175	\$15.39	\$2,693.25 (T)
D100	PREMIUM/COMMON	SK	125	\$14.00	\$1,750.00 (T)
C310	CALCIUM CHLORIDE	LBS	709	\$1.00	\$709.00 (T)
C194	CELLFLAKE	LB	68	\$3.41	\$231.88 (T)
F303	BAFFLE PLATE ALUMINUM, 8 5/8"	EA	1	\$94.85	\$94.85 (T)
F145	TOP RUBBER CEMENT PLUG, 8 5/8"	EA	1	\$145.70	\$145.70 (T)
F123	BASKET, 8 5/8"	EA	1	\$332.50	\$332.50 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	170	\$4.00	\$680.00
E107	CEMENT SERVICE CHARGE	SK	300	\$1.50	\$450.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	462	\$1.60	\$739.20
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	68	\$2.50	\$170.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
R202	CASING CEMENT PUMPER, 501-1,000' 1ST 4 HRS ON LOC.	EA	1	\$924.00	\$924.00
S100	FUEL SURCHARGE		1	\$94.00	\$94.00

Sub Total: \$9,264.38

Discount: \$1,650.14

Discount Sub Total: \$7,614.24

Haskell County & State Tax Rate: 5.80% Taxes: \$283.97

(T) Taxable Item Total: \$7,898.21

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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.



INVOICE NO.
Date 9-22-05
Customer ID

Subject to Correction

FIELD ORDER 10259 ✓

C
H
A
R
G
E

Oil Producers Inc of Kansas		Depth	Formation	Shoe Joint 37.28
Casing 8 5/8	Casing Depth 679	TD	Job Type 8 5/8" Surface NW	
Customer Representative Bob Kaspro			Treater Kitty Harper	

AFE Number	PO Number	Materials Received by x Bob Harper
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D101	175 SK	A Con Blend, Liberal	-			
D100	125 SK	Premium/Common	-			
C310	209 lb	Calcium Chloride	-			
C194	68 lb	Cellflake	-			
F303	1 EA	Baffle Plate Aluminium, 8 5/8"	-			
F145	1 EA	Top Rubber Cement Plug, 8 5/8"	-			
F123	1 EA	Basket, 8 5/8"	-			
E100	170 MI	Heavy Vehicle Mileage				
E107	300 SK	Cement Service Charge				
E104	462 TM	Proppant & Bulk delivery				
E101	68 MI	Pickup Mileage				
R701	1 EA	Cement Head Rental				
R202	1 EA	Casing Cement Pumper, 501-1000'				
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KCC WICHITA						
Discounted Total						7520.21
Plus tax						



TREATMENT REPORT

Customer ID		Date	
Customer <i>Oil Producers Int of Kansas</i>		<i>9-22-05</i>	
Lease <i>Leonard</i>		Lease No.	Well # <i>3-21</i>

Field Order # <i>10259</i>	Station <i>Liberal</i>	Casing <i>8 5/8"</i>	Depth <i>679</i>	County <i>Haskell</i>	State <i>KS</i>
Type Job <i>8 5/8 Surface</i>			Formation <i>(NW)</i>	Legal Description <i>21-305-32W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid <i>175sk A-Con 3%CC - 1/4 # Gal/ft</i>	RATE	PRESS	ISIP
Depth <i>679</i>	Depth	From	To	Pre Pad <i>11.8# - 2.71 ft³/sk</i>	Max <i>15.4 Gal</i>		5 Min.
Volume	Volume	From	To	Pad <i>125sk Class "A" 2%CC - 1/4 # Gal/ft</i>	Min		10 Min.
Max Press	Max Press	From	To	Frac # <i>15# - 1.33 ft³ - 6.34</i>	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush <i>Water</i>	Gas Volume		Total Load

Customer Representative <i>Bob Kasper</i>	Station Manager <i>Jerry Bennett</i>	Treater <i>Kirby Harper</i>
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Service Units	<i>118</i>	<i>228</i>	<i>338</i>	<i>576</i>				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0700</i>					<i>On Location - Spot & Rig up</i>
<i>0730</i>					<i>Start running 679 ft of 8 5/8" 24# casing</i>
<i>0830</i>					<i>Casing on bottom - Break Circulation</i>
<i>0924</i>	<i>100</i>		<i>84</i>	<i>3</i>	<i>Start mixing 175 sk A-Con @ 11.8#</i>
<i>1002</i>	<i>100</i>		<i>30</i>	<i>3</i>	<i>Start mixing 125sk of Class "A" @ 15#</i>
<i>1015</i>					<i>Shut down - drop top plug</i>
<i>1017</i>	<i>100</i>		<i>0</i>	<i>3</i>	<i>Start pumping 41 bbl of water</i>
<i>1027</i>	<i>300</i>		<i>31</i>	<i>2</i>	<i>Slow Rate</i>
<i>1032</i>	<i>300-600</i>		<i>41</i>		<i>Bump plug - Shut in well</i>
					<i>Circulate cement to the pit</i>
					<i>Job Complete</i>
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					MAR 30 2006
					KCC WICHITA

Production



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

Bill to: OIL PRODUCERS INC. OF KANSAS 1710 Waterfront Parkway Wichita, KS 67206	6395901	Invoice	Invoice Date	Order	Order Date
		509102	9/28/05	10251	9/23/05
	Service Description				
	Cement				
	Lease		Well		Well Type
Leonard		3-21		New Well	
AFE		Purchase Order		Terms	
				Net 30	
CustomerRep			Treater		
B. Casper			K Harper		

ID.	Description	UOM	Quantity	Unit Price	Price
D105	AA2 (PREMIUM)	SK	100	\$15.37	\$1,537.00 (T)
D101	A-CON BLEND (PREMIUM)	SK	325	\$15.39	\$5,001.75 (T)
C310	CALCIUM CHLORIDE	LBS	918	\$1.00	\$918.00 (T)
C194	CELLFLAKE	LB	77	\$3.41	\$262.57 (T)
C195	FLA-322	LB	76	\$7.50	\$570.00 (T)
C221	SALT (Fine)	GAL	517	\$0.25	\$129.25 (T)
C312	GAS BLOCK	LB	71	\$5.15	\$365.65 (T)
C321	GILSONITE	LB	470	\$0.60	\$282.00 (T)
F100	TURBOLIZER, 4 1/2"	EA	7	\$67.00	\$469.00 (T)
F130	STOP COLLAR, 4 1/2"	EA	1	\$25.00	\$25.00 (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	\$269.00	\$269.00 (T)
C302	MUD FLUSH	GAL	500	\$0.86	\$430.00 (T)
C303	SUPER FLUSH	GAL	250	\$2.45	\$612.50 (T)
C141	CC-1, KCL SUBSTITUTE	GAL	4	\$44.00	\$176.00 (T)
F800	THREADLOCK COMPOUND KIT	EA	1	\$30.00	\$30.00 (T)
F120	BASKET, 4 1/2"	EA	1	\$220.00	\$220.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	75	\$4.00	\$300.00
E107	CEMENT SERVICE CHARGE	SK	425	\$1.50	\$637.50
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	500	\$1.60	\$800.00
R206	CASING CEMENT PUMPER, 2501-3000' 1ST 4 HRS ON LOC	EA	1	\$1,533.00	\$1,533.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	25	\$2.50	\$62.50
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
S100	FUEL SURCHARGE		1	\$152.69	\$152.69

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Sub Total: \$15,263.41
Discount: \$2,895.41

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.



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

<i>Discount Sub Total:</i>	\$12,368.00	
<i>Haskell County & State Tax Rate: 5.80%</i>	<i>Taxes:</i> \$541.78	
<i>(T) Taxable Item</i>	<i>Total:</i> <table border="1"><tr><td>\$12,909.78</td></tr></table>	\$12,909.78
\$12,909.78		

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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.



INVOICE NO.		Subject to Correction		FIELD ORDER 10251 ✓	
Date	9-23-05	Lease	Leonard	Well #	3-21
Customer ID		County	Haskell	State	KS
				Legal	21-305-32W
				Station	Liberal
Oil Producers Inc of Kansas		Depth	Formation		Shoe Joint
					15.32
		Casing	Casing Depth	TD	Job Type
		4 1/2"	2937		4 1/2" Longstring (NW)
Customer Representative			Treater		
Bob Casper			Kirby Harper		

C H A R G E

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
D105	100 SK	AA-2	---			
D101	325 SK	A-Con	---			
C310	918 1b	Calcium Chloride	---			
C194	77 1b	Cellflake	---			
C195	76 1b	Fla-322	---			
C221	517 1b	Salt (fine)	---			
C312	71 1b	Gas Blk	---			
C321	470 1b	Gilsonite	---			
F100	7EA	Turbolizer, 4 1/2"	---			
F130	1 EA	Stop Collar, 4 1/2"	---			
F170	1 EA	T.R. Latch down plug & Ball, 4 1/2"	---			
F210	1 EA	Auto fill float shoe, 4 1/2"	---			
C302	500 Gal	Mud flush	---			
C303	250 Gal	Super-flush	---			
C141	4 Gal	CC-1	---			
F800	1 EA	Threadlock Compound Kit	---			
F120	1 EA	Basket, 4 1/2"	---			
E100	75 MT	Heavy Vehicle mileage				
E107	425 SK	Cement Service Charge				
E104	500 TM	Proppant & Bulk delivery				
R206	1 EA	Casing Cement pumper, 2501-3000				
E101	25 MT	Pickup Mileage				
R701	1 EA	Cement Head rental				
Discounted Total						12,215.31
Plus Tax						

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TREATMENT REPORT



Customer ID		Date	
Customer <i>Oil Producers Inc of Kansas</i>		<i>9-23-05</i>	
Lease <i>Leonard</i>		Lease No.	Well # <i>3-21</i>

Field Order # <i>10251</i>	Station <i>Liberal</i>	Casing <i>4 1/2</i>	Depth <i>2937</i>	County <i>Haskell</i>	State <i>KS</i>
Type Job <i>4 1/2" Longstring</i>			Formation <i>(NW)</i>	Legal Description <i>21-305-32W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size	Shots/Ft		Acid <i>290 sk A-Con - 3% CC - 1/4" # Cell/Flake</i>	RATE	PRESS	ISIP	
Depth <i>2937</i>	Depth	From	To	Pre Pad <i>11.6" - 2.87 ft³ sk - 16.56 Gal</i>	Max		5 Min.	
Volume	Volume	From	To	Pad <i>100 sk AA-2 - .8% FLA</i>	Min		10 Min.	
Max Press	Max Press	From	To	Frac <i>5" Gilsomite</i>	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To	<i>14.8" - 1.49 ft³ -</i>	HHP Used <i>6.20 Gal</i>		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush <i>CC-1 Water</i>	Gas Volume		Total Load	

Customer Representative <i>Bob Casper</i>	Station Manager <i>Jerry Bennett</i>	Treater <i>Kirby Harper</i>
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Service Units	<i>126</i>	<i>228</i>	<i>335</i>	<i>572</i>	<i>338</i>	<i>576</i>			
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2200</i>					<i>On location - Spot & Rig up</i>
<i>2230</i>					<i>Casing on bottom @ 2937 - Break Circulation</i>
<i>2302</i>	<i>200</i>		<i>20</i>	<i>4.5</i>	<i>Start pumping 20 bbl of KCL Water</i>
<i>2308</i>	<i>200</i>		<i>12</i>	<i>4.5</i>	<i>Start pumping 500 Gal of mud flush</i>
<i>2319</i>	<i>200</i>		<i>5</i>	<i>4.5</i>	<i>Start pumping 5 bbl of water</i>
<i>2324</i>	<i>200</i>		<i>6</i>	<i>4.5</i>	<i>Start pumping 6 bbl of Superflush</i>
<i>2328</i>	<i>200</i>		<i>5</i>	<i>4.5</i>	<i>Start pumping 5 bbl of water</i>
<i>2332</i>	<i>200</i>		<i>20</i>	<i>4.5</i>	<i>Start pumping 35 sk of A-Con @ 9"</i>
<i>2346</i>	<i>200</i>		<i>148</i>	<i>4.5</i>	<i>Start pumping 290 sk of A-Con @ 11.6"</i>
<i>2423</i>	<i>200</i>		<i>27</i>	<i>4.5</i>	<i>Start pumping 100 sk of AA-2 @ 14.8"</i>
<i>2446</i>					<i>Shut down - drop latch down plug</i>
<i>2459</i>	<i>200</i>		<i>0</i>	<i>4.5</i>	<i>Start displacing with 45 bbl of CC-1 water</i>
<i>2102</i>	<i>300</i>		<i>10</i>	<i>4.5</i>	<i>Displacement reached Cement</i>
<i>0107</i>	<i>400</i>		<i>35</i>	<i>2</i>	<i>Slow Rate</i>
<i>0113</i>	<i>400-1200</i>		<i>45</i>		<i>Bump plug</i>
<i>0114</i>	<i>1200-0</i>				<i>Release pressure - floats held</i>
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					<i>Circulate cement to the pit</i>
					<i>Job Complete</i>



SALES OFFICE:
 100 S. Main
 Suite #807
 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: OIL PRODUCERS INC. OF KANSAS 1710 Waterfront Parkway Wichita, KS 67206	6395901	Invoice	Invoice Date	Order	Order Date
		510058	10/13/05	11459	10/6/05
Service Description					
Cement					
Lease			Well	Well Type	
Leonard			3-21	New Well	
AFE			Purchase Order	Terms	
				Net 30	
CustomerRep			Treater		
D. Hays			B. Drake		

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D100	PREMIUM/Common	SK	250	\$14.00	\$3,500.00 (T)
C310	CALCIUM CHLORIDE	LBS	282	\$1.00	\$282.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	70	\$4.00	\$280.00
E107	CEMENT SERVICE CHARGE	SK	250	\$1.50	\$375.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	247	\$1.60	\$395.20
R306	CEMENT PUMPER, 2501-3000' 1ST 4 HRS ON LOC	EA	1	\$1,512.00	\$1,512.00
R700	SQUEEZE MANIFOLD	EA	1	\$430.00	\$430.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	35	\$2.50	\$87.50
S100	FUEL SURCHARGE		1	\$81.48	\$81.48

Sub Total: \$6,943.18

Discount: \$343.47

Discount Sub Total: \$6,599.71

Haskell County & State Tax Rate: 5.80% Taxes: \$208.50

(T) Taxable Item **Total:** \$6,808.21

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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 Inc. of Ks.</i>		<i>10-6-05</i>	
Lease <i>Leonard</i>		Lease No.	Well # <i>3-21</i>
Field Order # <i>11459</i>	Station <i>Liberal</i>	Casing <i>4 1/2</i>	Depth
Type Job <i>Spacer New Well</i>		County <i>Haskell</i>	State <i>Ks.</i>
		Formation	Legal Description <i>21-30s-33w</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	<i>Lead Cont.</i>	Acid	<i>150cks. Common 2% Gels.</i>	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad		Max		5 Min.
Volume	Volume	From	To	Pad	<i>100cks. Common</i>	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 _____ Station Manager *Jerry Bennett* Treater *Bobby Drake*

Service Units	<i>123</i>	<i>227</i>	<i>338</i>	<i>575</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>12:46</i>	<i>1500</i>		<i>27.5</i>		<i>Lead & Test Back Side</i>
<i>1:02</i>	<i>2</i>	<i>200</i>		<i>3.0</i>	<i>Take Injection Rate</i>
<i>1:07</i>		<i>300</i>	<i>37</i>	<i>3.7</i>	<i>Mix Lead cont. @ 15.6 #/gal</i>
<i>1:25</i>		<i>1200</i>	<i>27</i>	<i>2.0</i>	<i>Mix Tail cont. @ 15.6 #/gal</i>
<i>1:36</i>		<i>1200</i>	<i>9.5</i>	<i>2.0</i>	<i>Disp. - Left 1 bbl. cont. in tubing</i>
<i>2:00</i>		<i>400</i>	<i>1.5</i>		<i>Pump on tubing - Stage</i>
<i>2:40</i>		<i>1500</i>			<i>Stage</i>
<i>2:46</i>			<i>20</i>		<i>Reverse Out</i>
					<i>Job Complete</i>
					<i>Thanks, Bobby</i>

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**OIL PRODUCERS INC, OF KANSAS
Initial Completion Report**

WELL- LEONARD #3-21

LEGAL- 1250' FNL & 1250' FEL IN SEC 21-29s-32w OF HASKELL CO KANSAS

API#- 15-081-21612

GROUND ELEV.- 2875'

K.B.- 6' ABOVE GROUND LEVEL AT 2881'

SURFACE CSN- 8 5/8 AT 679'

RTD- 2800'

LTD- 2799'

PRODUCTION CSN- 4 1/2X10.5# AT 2800'

PRODUCTION CSN CEMENT- 325SXS A-CON & 110SXS CLASS "A"

DV TOOL- NONE

TWO STAGE CEMENT- N/A

TOP OF CEMENT- AT SURFACE W/ GOOD CEMENT BONDING ACROSS PAY INTERVALS

PBTD- 2788'

CIBP- CEMENT RETAINER AT 2710'

PERFORATIONS- WINFIELD 2716' – 2720' 2/FT 10/05/05 Sqzd 10/6/05

KRIDER 2681' – 2691' 2/FT 10/12/05

KRIDER 2676' – 2682' 2/FT 10/12/05

KRIDER 2642' – 2648' 2/FT 10/12/05

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COMPLETION DATE- 10/05

TUBING IN HOLE- MA – SN – 88 JTS 2 3/8 TUBING 2X8' 2 3/8 TUBING SUBS

PACKER@- NONE

TBG ANCHOR @ NONE

TUBING SET @- 2676'

AVERAGE TBG JT- 30.01

PUMP RAN- 2"X1 1/2"X12' RWBC HOLOW PULL TUBE W/6' GAS ANCHOR

RODS RAN- PUMP -2'X3/4"SUB – 104 NEW 3/4" – PR & LINER

PUMP SET @- 2656.90'

PUMPING UNIT- 80D KENCAID SN-80-82001 STROKE-52" GR-30.1 TO 1

PRIME MOVER- C-66

GAS SEPARATOR- 2'X5' 150# WP MANUAL DUMP VERTICAL

LINE HEATER- NONE

GUN BBL- NONE

HEATER TREATER- NONE

FWKO- NONE

STOCK TANKS- NONE

WATER TANKS- AT LEONARD #2-21 SWD

S.W. PUMP-

METER RUN- 2" TUBE W/3 PIN BARTON METER

GAS PIPELINE- ONEOK

WATER DIPOSAL- LEONARD #2-21 SWD

10/05/05

BLACKHAWK WELL SERVICE ON LOCATION RIG UP D/D DERRICK WORKOVER RIG TO COMPLETE NEW SHALLOW GAS WELL

ELI-WIRELINE ON LOCATION TO RUN SONIC CEMENT BOND AND CORRELATION LOGS

FOUND TOTAL DEPTH AT- 2788'

FOUND TOP OF CEMENT AT- SURFACE WITH GOOD CEMENT BONDING ACROSS PAY INTERVALS

BLACKHAWK RIGGED TO SWAB 4 ½ CASING
SWAB CASING DOWN TO 2300' FROM SURFACE

ELI-WIRELINE ON LOCATION TO PERFORATE THE PROPOSED PAY INTERVAL IN THE WINFIELD FORMATION UTILIZING A 32 GRAM EXPENDABLE CASING GUN

PERFORATE- WINFIELD – 2716' – 2720' 2/FT

BLACKHAWK RIGGED DOWN ELI AND RIGGED TO SWAB TEST WINFIELD PERFS NATURAL BEFORE ACID STIMULATION VIA 4 ½ CASING SWABBING

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10/05/05 CON'T

NATURAL SWAB TEST WINFIELD PERFS

AS FOLLOWS:

SWAB CASING DOWN TO TOTAL DEPTH AT 2788' W/ NO SHOW OF NATURAL GAS
1/2HR NAT SWAB TEST- RECOVERED NO FLUID AND NO GAS

ACID SERVICE ON LOCATION TO ACID STIMULATE THE WINFIELD PERFORATIONS
 WITH 500 GALS 15% DSFE ACID

ACIDIZE WINFIELD PERFS

AS FOLLOWS:

PUMP 500 GALS 15% DSFE ACID
 LOAD CASING WITH 31BBL OF 2%KCL WATER
 PRESSURE TO 1050# BROKE BACK QUICKLY
 DISPLACE 500 GALS ACID AT 3.75 BPM – 100#
ISIP- VACUM
TOTAL LOAD= 55BBL

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BLACKHAWK RIGGED TO SWAB TEST WINFIELD PERFORATIONS AFTER ACID
 VIA 4 ½ CASING SWABBING

SWAB TEST WINFIELD PERFS

AS FOLLOWS:

SWAB CASING DOWN TO TOTAL DEPTH AT 2788'
 RECOVERED – 34BBL OF ACID LOAD W/ SHOW OF NATURAL GAS
1HR SWAB TEST-RECOVERED 2BBL H2O/TEST GAS AT 7.70 MCF
1HR SWAB TEST-RECOVERED 1.5BBL H2O/TEST GAS AT 6.39 MCF
 SHUT WELL IN SHUT DOWN FOR NIGHT

10/06/05

BLACKHAWK WELL SERVICE ON LOCATION TO CHECK SHUT-IN CASING PRESSURE

SICP- 130# W/ 200' OF FLUID IN HOLE

SIBHP- CALCULATES 236#

BLACKHAWK RIGGED TO SWAB TEST WINFIELD PERFORATIONS AFTER ACID
 VIA 4 ½ CASING SWABBING

10/06/05 CON'T

SWAB TEST WINFIELD PERFS

AS FOLLOWS:

SWAB CASING DOWN TO TOTAL DEPTH AT 2788'

RECOVERED – 2.25BBL OF H2O W/SHOW OF NATURAL GAS

1/2 HR SWAB TEST-RECOVERED .75BBL H2O/TEST GAS AT 6.39 MCF

1/2HR SWAB TEST-RECOVERED .75BBL H2O/ TEST GAS AT 6.34 MCF

1/2HR SWAB TEST-RECOVERED .75BBL H2O/TEST GAS AT 6.39 MCF

CONDEMN WINFIELD WINFIELD FORMATION TO H2O PRODUCTION AND
NON-COMMERCIAL NATURAL GAS PRODUCTION

ELI-WIRELINE AND TR SERVICE TOOLHAND ON LOCATION TO SET WIRELINE
SET CEMENT RETAINER ABOVE WINFIELD PERFORATIONS TO BE ABLE TO CEMENT
SQUEEZE THE WINFIELD FORMATION IN AN ATTEMPT TO PREVENT FRAC ON
KRIDER FORMATIONS FROM GOING DOWN INTO WINFIELD FORMATION AND
INCREASING CHANCES FOR EXCESS H2O PRODUCTION

SET CEMENT RETAINER AT- 2710'

BLACKHAWK RIGGED TO RUN 2 3/8 TUBING

RIH- W/ CEMENT RETAINER STINGER AND TUBING

STING INTO RETAINER AT 2710'

ACID SERVICE ON LOCATION TO CEMENT SQUEEZE WINFIELD FORMATION
WITH 250SXS COMMON CEMENT

SQUEEZE WINFIELD PERFS

AS FOLLOWS:

LOAD AND PRESSURE ANNULUS TO 500#

ESTABLISH INJECTION RATE VIA TUBING AT 3 BPM – 200#

MIX AND PUMP 250SXS COMMON CEMENT

DISPLACE 250SXS CEMENT AT 2 BPM – 300# TO 1200#

LEFT 1BBL EMENT SLURRY IN TUBING TO STAGE WITH
STAGE CEMENT FROM 800# TO 1500# CLEARED TUBING
STING OUT OF RETAINER

REVERSE CIRCULATE HOLE CLEAN

BLACKHAWK RIGGED TO PULL 2 3/8 TUBING

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10/06/05 CON'T

POOH- W 2 3/8 TUBING AND CEMENT RETAINER STINGER
SHUT WELL IN SHUT DOWN FOR WEEKEND

10/10/05

RAINED OUT

10/11/05

RAINED OUT

10/12/05

BLACKHAWK WELL SERVICE ON LOCATION RIG TO SWAB 4 1/2CSN
SWAB CASING DOWN TO 2300' FROM SURFACE

ELI-WIRELINE ON LOCATION TO PERFORATE THE PROPOSED PAY INTERVALS
IN THE UPPER AND LOWER KRIDER FORMATION UTILIZING 32 GRAM EXPENDABLE
CASING GUNS

FOUND TOTAL DEPTH AT- 2709'

PERFORATE- LOWER KRIDER – 2689' – 2691' 2/FT

LOWER KRIDER – 2676' – 2682' 2/FT

UPPER KRIDER – 2642' – 2648' 2/FT

BLACKHAWK RIGGED TO SWAB TEST KRIDER PERFORATIONS NATURAL BEFORE
ACID STIMULATION

SWAB CASING DOWN TO TOTAL DEPTH AT 2709'

1/2HR NAT SWAB TEST-RECOVERED NO FLUID AND SLIGHT SHOW OF NAT GAS

ACID SERVICE ON LOCATION TO ACID STIMULATE KRIDER PERFORATIONS WITH
2500 GALS 15% DSFE ACID AND 48 BALL SEALERS SPACED EQUALLY THRU-OUT
LAST 2000 GALS ACID

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10/12/05 CON'T

ACIDIZE KRIDER PERFS

AS FOLLOWS:

PUMP 500 GALS 15% DSFE ACID
 PUMP 2000 GALS 15% DSFE ACID WITH 48 BALL SEALERS SPACED EQUALLY
 HOLE LOADED WITH ACID
 PRESSURE TO
 DISPLACE 500 GALS ACID AT 4.75 BPM AT 200#
 DISPLACE 2000 GALS ACID W/BALLS AT 5 BPM – 300# TO 2500# AND BALLED OFF
 SURGE PRESSURE BACK QUICKLY
 DISPLACE REMAINING ACID AT 2 BPM – VACUM
ISIP- VACUM
TOTAL LOAD= 103BBL

BLACKHAWK RIGGED TO SWAB TEST KRIDER PERFORATIONS AFTER ACID
 VIA 4 1/2CASING SWABBING

SWAB TEST KRIDER PERFS

AS FOLLOWS:

SWAB CASING DOWN TO TOTAL DEPTH AT 2709'
 RECOVERED – 49BBL OF ACID LOAD W/GOOD SHOW OF GAS
1HR SWAB TEST-RECOVERED 1.75BBL H2O/TEST GAS AT 139 MCF
1HR SWAB TEST-RECOVERED 1.75BBL H2O/TEST GAS AT 189 MCF
1HR SWAB TEST-RECOVERED 1.75BBL H2O/TEST GAS AT 177 MCF
1HR SWAB TEST-RECOVERED 1.75BBL H2O/TEST GAS AT 166 MCF
 SHUT WELL IN SHUT DOWN FOR NIGHT

10/13/05

BLACKHAWK WELL SERVICE ON LOCATION TO CHECK SHUT-IN CASING PRESSURE
SICP- 240# W/200' OF FLUID IN HOLE
SIBHP- CALCULATES 355#
 BLACKHAWK RIGGED TO SWAB TEST KRIDER PERFORATIONS VIA 4 1/2CASING
 SWABBING

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10/13/05 CON'T

SWAB TEST KRIDER PERFS

AS FOLLOWS:

SWAB CASING DOWN TO TOTAL DEPTH AT 2709'

RECOVERED – 2.50BBL H2O W/GOOD SHOW OF GAS

1HR SWAB TEST-RECOVERED 1.0BBL H2O/TEST GAS AT 205 MCF

1HR SWAB TEST-RECOVERED 1.0BBL H2O/TEST GAS AT 190 MCF

ACID SERVICE AND GORE NITROGEN ON LOCATION TO FRACTURE STIMULATE THE KRIDER PERFORATIONS WITH 31,000# OF 12/20 BRADY SAND AND 22,000 GALS 70% NITROGEN FOAM TAILING IN WITH 4000# OF AC-FRAC RESIN COATED SAND TO MINIMIZE SAND PRODUCTION

FRACTURE KRIDER PERFS

AS FOLLOWS:

PUMP 7000 GALS 70%N2 FOAM ESTABLISH INJECTION RATE AT 17 BPM – 850#

PUMP 4000#12/20 SAND AT 1PPG W/4000GALS 70%N2 FOAM AT 17 BPM – 1040#

PUMP 12000#12/20 SAND AT 2PPG W/6000GALS 70% N2 FOAM AT 17 BPM – 975#

PUMP 11001#12/20 SAND AT 3PPG W/3667GALS 70% N2 FOAM AT 17 BPM – 1080#

PUMP 3999#AC-FRAC SAND AT 3PPG W/1333GALS 70% N2 FOAM AT 17 BPM – 1150#

FLUSH SAND TO PERFS WITH 1800GALS 70% N2 FOAM AT 17 BPM – 1250#

ISIP- 1150#

TOTAL LOAD= 167 BBLS

SHUT WELL IN SHUT DOWN FOR NIGHT

10/14/05

BLACKHAWK WELL SERVICE ON LOCATION TO CHECK AFTER FRAC SHUT-IN CASING PRESSURE

SICP- 300#

BLACKHAWK RIGGED TO FLOW FRAC LOAD BACK TO SWAB TANK

FLOW WELL TO TANK FOR 3 HRS RECOVERED 18 BBLS OF FRAC LOAD

WELL DIED

BLACKHAWK RIGGED TO SWAB TEST UPPER AND LOWER KRIDER PERFORATIONS AFTER FRAC VIA 4 ½ CASING SWABBING

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10/14/05 CONT

SWAB TEST UPPER & LOWER KRIDER

PERFS AS FOLLOWS:

SWAB CASING DOWN TO TOP OF SAND FILL-UP AT 2685'
 RECOVERED – 4.5 BBLS W/ EXCELLENT SHOW NATURAL GAS
1HR SWAB TEST-RECOVERED 1.25BBLS H2O/TEST GAS AT 171 MCF
1HR SWAB TEST-RECOVERED .75BBLS H2O/TEST GAS AT 253 MCF
1HR SWAB TEST-RECOVERED .75BBLS H2O/TEST GAS AT 253 MCF
1HR SWAB TEST-RECOVERED .75BBLS H2O/TEST GAS AT 260 MCF
1HR SWAB TEST-RECOVERED .75BBLS H2O/TEST GAS AT 265 MCF
 RECOVERED 19BBLS OF 167BBL FRAC LOAD
 SHUT WELL IN SHUT DOWN FOR NIGHT

10/15/05

BLACKHAWK WELL SERVICE ON LOCATION TO CHECK SHUT-IN CASING PRESSURE
SICP- 210# W/ 160' OF FLUID IN CASING
SIBHP- CALCULATES – 304#
 BLACKHAWK RIGGED TO SWAB TEST UPPER AND LOWER KRIDER PERFORATIONS
 VIA 4 1/2CASING SWABBING

SWAB TEST UPPER & LOWER KRIDER

PERFS AS FOLLOWS:

SWAB CASING DOWN TO TOP OF SAND FILL-UP AT 2685' HAVE 25' OF SAND FILL
 RECOVERED - .75BBLS H2O W/ EXCELLENT SHOW OF NATURAL GAS
1HR SWAB TEST-RECOVERED 1.75BBLS H2O/TEST GAS AT 378 MCF
1HR SWAB TEST-RECOVERED 1.75BBLS H2O/TEST GAS AT 326 MCF
1HR SWAB TEST-RECOVERED 1.75BBLS H2O/TEST GAS AT 306 MCF
1HR SWAB TEST-RECOVERED 1.75BBLS H2O/TEST GAS AT 301 MCF
1HR SWAB TEST-RECOVERED 1.75BBLS H2O/TEST GAS AT 296 MCF
1HR SWAB TEST-RECOVERED 1.75BBLS H2O/TEST GAS AT 296 MCF
 HAVE RECOVERED 30 BBLS OF 167 BBL FRAC LOAD
 SHUT WELL IN SHUT DOWN FOR WEEKEND

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10/17/05

BLACKHAWK WELL SERVICE ON LOCATION TO CHECK SHUT-IN CASING
PRESSURE

SICP- 200# W/ 150' OF FLUID IN HOLE

SIBHP- CALCULATES – 288#

BLACKHAWK RIGGED TO SWAB TEST UPPER AND LOWER KIDER PERFORATIONS
VIA 4 1/2 CASING SWABBING

SWAB TEST UPPER & LOWER KRIDER

PERFS AS FOLLOWS:

RAN CASING SWAB STEM CHECK SAND FILL-UP TAG SAND AT 2685'=25' OF SAND FILL
SWAB CASING DOWN TO TOP OF SAND FILL-UP AT 2685'

RECOVERED - .75 BBLS H2O W/ EXCELLENT SHOW OF NATURAL GAS

1HR SWAB TEST-RECOVERED 1.75BBLS H2O/TEST GAS AT 409 MCF

1HR SWAB TEST-RECOVERED 1.75BBLS H2O/TEST GAS AT 367 MCF

1HR SWAB TEST-RECOVERED 1.25BBLS H2O/TEST GAS AT 357 MCF

1HR SWAB TEST-RECOVERED 1.25BBLS H2O/TEST GAS AT 342 MCF

1HR SWAB TEST-RECOVERED 1.25BBLS H2O/TEST GAS AT 337 MCF

1HR SWAB TEST-RECOVERED 1.75BBLS H2O/TEST GAS AT 315 MCF

1HR SWAB TEST-RECOVERED 1.75BBLS H2O/TEST GAS AT 337 MCF

1HR SWAB TEST-RECOVERED 1.75BBLS H2O/TEST GAS AT 337 MCF

1HR SWAB TEST-RECOVERED 1.75BBLS H2O/TEST GAS AT 337 MCF

RECOVERED 46BBLS OF 167BBL FRAC LOAD

SHUT WELL IN SHUT DOWN FOR NIGHT

10/18/05

BLACKHAWK WELL SERVICE ON LOCATION TO CHECK SHUT-IN CASING
PRESSURE

SICP- 160#

TR SERVICE TOOLHAND ON LOCATION WITH BULL DOG HYDROSTATIC
BAILER TO RUN ON TUBING TO CLEAN FRAC SAND FROM WELL BORE

BLACKHAWK RIGGED TO RUN 2 3/8 TUBING

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10/18/05 CON'T

RIH- W/ 3 7/8 BIT-BIT C/O SUB-BULL DOG BAILER ASSEMBLY AND 2 3/8 TUBING
TAG TOP OF SAND FILL-UP AT 2685'

NICHOLS FLUID SERVICE ON LOCATION TO PUMP 2% KCL WATER DOWN ANNULUS
TO MAKE BULL DOG BAILER FUNCTION PROPERLY

NICHOLS COULD NOT PUMP INTO ANNULUS DUE TO GAS PRESSURE FROM WELL
WILL NEED HIGH PRESSURE PUMP TRUCK TO KILL WELL AND KEEP WATER IN WELL
BORE FOR BAILER

COULD NOT GET H P PUMP TRUCK UNTIL MORNING

BLACKHAWK RIGGED TO PULL 2 3/8 TUBING

POOH- W/TUBING-BAILER AND BIT

SHUT WELL IN SHUT DOWN FOR NIGHT

10/19/05

BLACKHAWK WELL SERVICE ON LOCATION TO CHECK SHUT-IN CASING PRESSURE

SICP- 160#

TR SERVICE TOOLHAND AND NICHOLS FLUID SERVICE HIGH PRESSURE PUMP
TRUCK ON LOCATION TO KILL WELL BY PUMPING 2% KCL WATER DOWN CASING
THEN RUN BULL DOG HYDROSTATIC BAILER IN HOLE ON TUBING TO CLEAN
FRAC SAND FROM WELL BORE WHILE NICHOLS RAN SMALL STREAM 2% KCL
DOWN ANNULUS TO KEEP WELL DEAD AND MAKE BAILER FUNCTION

BLACKHAWK RIGGED TO RUN 2 3/8 TUBING

KILL WELL BY PUMPING 40BBLS 2% KCL DOWN CASING WITH NICHOLS H P TRUCK
THEN RIG NICHOLS TO ANNULUS

RIH- W/BIT-BAILER & TUBING

TAG TOP OF SAND FILL-UP AT 2685'

TR SERVICE TOOLHAND CLEANED OUT 3' OF VERY HARD FRAC SAND
BAILER STARTED TO HANG UP

POOH- W/ TUBING-BAILER & BIT

CLEAN OUT BAILER HAD HARD AC-FRAC SAND IN BAILER THROAT

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WILL NEED HYDRAULIC POWER SWIVEL TO ROTATE TUBING TO DRILL UP
SAND THEN PICK UP CUTTINGS
SHUT WELL IN SHUT DOWN FOR NIGHT

10/20/05

BLACKHAWK WELL SERVICE AND TR SERVICE TOOLHAND ON LOCATION
WITH BULL DOG BAILER AND POWER SWIVEL TO RUN BAILER AND USE
SWIVEL TO DRILL SAND AND PICK UP WITH THE BAILER

BLACKHAWK RIGGED TO RUN 2 3/8 TUBING

RIH- BIT-BAILER & TUBING

TAG TOP OF SAND FILL-UP AT 2688'

RIG UP TR SERVICE POWER SWIVEL DRILL AND BAIL VERY HARD FRAC SAND
FROM 2688' TO 2695' BAILER STARTED STICKING AGAIN WE ARE NOW 4' BELOW
BOTTOM KRIDER PERFORATION DECIDED TO MAKE 2695' THE NEW TOTAL
DEPTH

BLACKHAWK RIGGED TO PULL 2 3/8 TUBING

POOH- W/TUBING AND TOOLS

CLEAN BAILER OUT AND RIG DOWN BAILER AND POWER SWIVEL

BLACKHAWK RIGGED TO RUN 2 3/8 TUBING IN HOLE FOR PRODUCTION

RUN 2 3/8 PRODUCTION TUBING

AS FOLLOWS:

2 3/8 MUD ANCHOR	15.00
2" SEATING NIPPLE	1.10
88 JTS 2 3/8 TUBING	2640.90
2X8'X2 3/8 TUBING SUBS	16.00
K B (6'<2')	<u>4.00</u>
<u>TUBING SET AT-</u>	2678.00
<u>SEATING NIPPLE SET AT-</u>	2656.90

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10/20/05 CON'T

TAG TOP OF SAND FILL-UP AT 2695' PICKUP AND LAND TUBING 18' OFF
BOTTOM PACK OFF PRODUCTION TUBING HEAD AND SHUT IN ANNULUS

BLACKHAWK RIGGED TO RUN BOTTOM HOLE PUMP AND SUCKER RODS
IN TUBING FOR PRODUCTION

RUN BOTTOM HOLE PUMP & RODS

FOR PRODUCTION

AS FOLLOWS:

2"X1 ½"X12' RWBC HOLLOW PULL TUBE W/6'G A	14.00
2'X3/4" ROD SUB	2.00
104 ¾" NEW SUCKER RODS	2600.00
1 ¼" POLISHED ROD W/ 7' LINER	<u>16.00</u>
<u>BOTTOM HOLE PUMP SET AT-</u>	2656.90

BLACKHAWK SPACED OUT ROD STRING – SEATED PUMP – LONG STROKED
HAD GOOD PUMP ACTION – CLAMPED OFF ROD STRING & STACKED OUT –
SHUT WELL IN

BLACKHAWK RIGGED DOWN D/D DERRICK WORKOVER RIG AND MOVED
RIG OFF LOCATION

10/24/05 THRU **10/28/05**

SHAWNEE LEASE SERVICE ON LOCATION PLUMB IN WELL-HEAD PLUMB THE
WELL-HEAD GAS SELLS LINE FROM ANNULUS TO 2'X5' 150# WP MANUAL
DUMP VERTICAL GAS SEPERATOR PLUMB FLUID PRODUCTION LINE FROM
WELL-HEAD TUBING FLOW TEE DIRECTLY INTO 2" PVC PIPE-LINE
KANSA DIRT ON LOCATION TO BUILD PADS FOR SEPERATOR AND
BLUID CONTAIMENT DIKE AROUND SAME
KANSA DIRT BUILT PAD FOR PUMPING UNIT
SOIUX TANK WINCH TRUCK ON LOCATION WITH 80D KINCAID PUMPING UNIT
SET AND LINE UP PUMPING UNIT ON PAD AND HANG WELL ON
SOIUX TANK TRUCK SET SURFACE EQUIPMENT LISTED ABOVE
GLM GAS MEASURMENT SERVICES ON LOCATION WITH 2" TUBE W/ TOTAL

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10/24/05 THRU **10/28/05** CON'T

FLOW DIGITAL TYPE METER RUN GLM SET METER TUBE AND TOTAL FLOW METER

SHAWNEE PLUMBED IN GAS SELLS LINE FROM SEPERATOR TO METER TUBE AND PLUMBED DOWN STREAM SIDE OF METER TUBE INTO GAS SELLS PIPE-LINE

SHAWNEE DITCHED AND LAYED 3250' OF 2" POLY PIPE FROM GAS METER AT LEONARD 3-21 TO DOWN STREAM LINE OF METER AT LEONARD 1-21 WHICH TIES BOTH WELLS INTO ONEOK MASTER METER

SHAWNEE DITCHED AND LAYED 3250' OF SCH 80 2" PVC PIPE FROM WELLHEAD TO DISPOSAL TANK AT LEONARD 2-21 SWD

SHAWNEE SET C-66 PUMPING UNIT MOTOR AND PREPARED MOTOR FOR SERVICE GLM GAS TECH SET AND CALIBRATED TOTAL FLOW METER

OPIK COMPANY HAND PRUGED AIR OUT OF GAS SELLS LINE

10/28/05

PUT WELL IN SERVICE

10/29/05

WELL PRODUCED 140 MCF AND PUT PUMPING UNIT IN SERVICE

10/30/05

WELL PRODUCED 190 MCF AND PRODUCED SALT WATER GOING TO LEONARD #2-21 SWD

10/31/05

WELL PRODUCED 180 MCF AND PRODUCED SALT WATER TO LEONARD SWD

11/1/05

WELL PRODUCED 180 MCF AND PRODUCED SALT WATER TO LEONARD SWD

END OF REPORT

Tim Thomson

RECEIVED
MAR 30 2006
KCC WICHITA