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JUN 22 2005

KCC WICHITA

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 8061  
Name: Oil Producers, Inc. of Kansas  
Address: 1710 Waterfront Parkway  
City/State/Zip: Wichita, KS 67206  
Purchaser: NCRA/ONEOK  
Operator Contact Person: Lori Wedel  
Phone: (316) 681-0231  
Contractor: Name: Pickrell Drilling Co., Inc.  
License: 5123  
Wellsite Geologist: Jon Christensen

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. \_\_\_\_\_  
11/19/2005    11/27/2004    12/17/2004  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

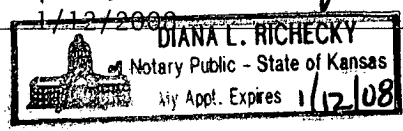
API No. 15 - 097-21557-00-00  
County: Kiowa  
   - SW - SE - SW Sec. 16 Twp. 27 S. R. 16  East  West  
330 feet from S N (circle one) Line of Section  
3630 feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Manford Clark Well #: 1-16  
Field Name: Fruit N.E.  
Producing Formation: Mississippi/Kinderhook  
Elevation: Ground: 2100' Kelly Bushing: 2105  
Total Depth: 4700' Plug Back Total Depth: 4680'  
Amount of Surface Pipe Set and Cemented at 459 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 1 NCR 8-8-08  
(Data must be collected from the Reserve Pit)  
Chloride content 31,080 ppm Fluid volume 280 bbls  
Dewatering method used Hauled to SWD  
Location of fluid disposal if hauled offsite:  
Operator Name: Oil Producers Inc. of Kansas  
Lease Name: Palmitier SWD License No.: 8061  
Quarter SW/4 Sec. 16 Twp. 25 S. R. 16 East  West  
County: Edwards Docket No.: D-20,983

**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: John S. Wei  
Title: President Date: June 21, 2005  
Subscribed and sworn to before me this 21 day of June,  
2005.  
Notary Public: Diana L. Richecky  
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: Manford Clark Well #: 1-16  
 Sec. 16 Twp. 27 S. R. 16 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 checked="" type="checkbox"/> Yes No  Cores Taken Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes No <i>(Submit Copy)</i>  List All E. Logs Run:  Dual Receiver Cement Bond Log, Sonic Log, Micro Log, Compensated Density/Neutron PE Log, Dual Induction Log, & Geological Log	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;"><input checked="" type="checkbox"/> Log</td> <td style="width:40%;">Formation (Top), Depth and Datum</td> <td style="width:30%;">Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td colspan="3" style="text-align: center;">See Note</td> </tr> </table> <div style="text-align: center; font-weight: bold; font-size: 1.2em; margin-top: 20px;">                 RECEIVED                  JUN 22 2005                  KCC WICHITA             </div>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	Sample	Name	Top	Datum	See Note		
<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	Sample								
Name	Top	Datum								
See Note										

CASING RECORD <input checked="" type="checkbox"/> 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							
Surface		8 5/8"	23#	459'	See Note	See Note	See Note
Production		4 1/2"	10.5#	4699'	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 <i>(Amount and Kind of Material Used)</i>	Depth
	See Initial Completion Report		

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	<input checked="" type="checkbox"/> No
		2 3/8"	4595.70	N/A			
Date of First, Resumed Production, SWD or Enhr.		Producing Method					
1/01/2005		Flowing		<input checked="" type="checkbox"/> Pumping		Gas Lift Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity		
	15	165	50				

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

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

**Attachment 1 – Manford Clark 1-16**

**Note #1:**

<b>Formation Tops</b>	<b>Tops</b>	<b>Datum</b>
Chase	2283	-178
Winfield	2376	-271
Wreford Lime	2642	-537
Neva	2883	-778
Onaga	3092	-987
Indian Cave	3096	-991
Wabaunsee	3123	-1018
Langdon Sand	3194	-1089
Stotler	3259	-1154
Howard	3465	-1360
Topeka	3667	-1562
Heebner Shale	3900	-1795
Brown Lime	4056	-1951
Lansing	4068	-1963
Lansing "B"	4090	-1985
Marmaton	4426	-2321
Miss. Chert	4569	-2464
Kinderhook Sand	4620	-2515
Viola	4674	-2569

**Note #2**

<b>Casing</b>	<b>Type of Cement</b>	<b># of Sacks</b>	<b>Type &amp; Percent Additives</b>
8 5/8"	60/40 Poz	400	2 % gel, 3% cc, 1/4# floseal/sx
4 1/2"	AA-2	210	

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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

<b>Bill to:</b>			6395901	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208				411114	11/24/04	9058	11/19/04
<b>Service Description</b>							
Cement							
				<b>Lease</b>		<b>Well</b>	
				Manford Clark		1-16	
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>		<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>	
	M. Kern	C. Messick		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	400	\$8.25	\$3,300.00 (T)
C310	CALCIUM CHLORIDE	LBS	1032	\$0.80	\$825.60 (T)
C194	CELLFLAKE	LB	86	\$2.00	\$172.00 (T)
F233	FLAPPER TYPE INSERT FLOAT VALVES, 8 5/8"	EA	1	\$275.00	\$275.00 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	30	\$3.50	\$105.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	30	\$2.00	\$60.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	516	\$1.50	\$774.00
E107	CEMENT SERVICE CHARGE	SK	400	\$1.50	\$600.00
R201	CASING CEMENT PUMPER, 301-500' 1ST 4 HRS ON LOC.	EA	1	\$704.00	\$704.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

**Sub Total:** \$7,150.60

**Discount:** \$1,787.65

**Discount Sub Total:** \$5,362.95

**Kiowa County & State Tax Rate: 6.30% Taxes:** \$220.07

(T) Taxable Item

**Total:** \$5,583.02

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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		<b>FIELD ORDER</b> 9058 ✓	
Date	11-19-04	Lease	Manford Clark	Well #	1-16
Customer ID		County	Kiowa	State	KS.
Oil Producers Inc. of Kansas		Depth		Formation	
		Casing	8 7/8" 23#/ft	Casing Depth	459'
		TD	464'	Shoe Joint	42
		Customer Representative	Mitte Kern	Treater	Clarence R. Messick
		Job Type	Cement-Surface-New Well		

CHARGE

AFE Number	PO Number	Materials Received by	X
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-203	400sk.	60/40 Poz (common)		-		
C-310	1,032lb.	Calcium Chloride		-		
C-194	86lb.	Cell flake		-		
F-233	1eq.	Flapper Type Insert Float Valve, 8 5/8"		-		
F-163	1eq.	Wooden Cement Plug, 8 5/8"		-		
E-100	30mi.	Heavy Vehicle Mileage	1-way			
E-101	30mi.	Pickup Mileage	1-way			
E-104	516tm	Bulk Delivery				
E-107	400sk.	Cement Service Charge				
R-201	1eq.	Casing cement Pumper 301'-500'				
R-701	1eq.	Cement Head Rental				
		Discounted Price =		\$5,362.95		
		Plus taxes				

*Mitte Kern*

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# TREATMENT REPORT

Customer ID	Date
Customer <b>Oil Producers Inc., of Kansas</b>	<b>11-19-04</b>
Lease <b>Manford Clark</b>	Lease No.
	Well # <b>1-16</b>

Field Order # <b>9058</b>	Station <b>Pratt</b>	Casing <b>8 5/8" 23#/ft.</b>	Depth <b>459'</b>	County <b>Iowa</b>	State <b>KS</b>
Type Job <b>Cement-Surface-New Well</b>			Formation	Legal Description <b>16-27-16W</b>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>8 5/8" 23#/ft.</b>	Tubing Size	Shots/Ft		<b>400 sacks 60/40 Poz (Common)</b>		RATE	PRESS	ISIP
Depth <b>459'</b>	Depth	From	To	<b>2% Gel, 3% C.C., 1/4 #/st</b>		Max		5 Min.
Volume <b>29.38 bbl</b>	Volume	From	To	<b>14.7 #/Gal, 5.71 Gal./st.</b>		Min		10 Min.
Max Press <b>500</b>	Max Press	From	To			Avg		15 Min.
Well Connection <b>Plug Cont.</b>	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth <b>417'</b>	Packer Depth	From	To	<b>Flush 27 bbl. Fresh H<sub>2</sub>O</b>		Gas Volume		Total Load

Customer Representative <b>Milt Kerns</b>	Station Manager <b>Dave Avtry</b>	Treater <b>Clarence R. Messicht</b>
--	--------------------------------------	--

Service Units	<b>109</b>	<b>227</b>	<b>335</b>	<b>571</b>			
---------------	------------	------------	------------	------------	--	--	--

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<b>9:00</b>					Trucks on location and hold safety meeting
<b>10:55</b>					Pickered Drilling start to run 10jts of 23#/ft. 8 5/8" casing. Run insert in top of shoe joint.
<b>1:00</b>					Casing in well Break Circ. with rig mud pump
<b>1:05</b>	<b>250</b>			<b>5</b>	Start Pre-Flush
<b>1:07</b>	<b>250</b>		<b>10</b>	<b>5</b>	Start mix 400 sacks 60/40 Poz cement
	<b>—</b>		<b>100</b>		Stop mixing, Release plug
<b>1:30</b>	<b>100</b>			<b>5</b>	Start Displacement
<b>1:35</b>	<b>500</b>		<b>27</b>		Plug down, circulate 5 sacks cement top it
					Wash up pump truck
<b>1:50</b>					Job Complete
					Thanks
					Clarence R. Messicht

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Production

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P.O. Box 129  
Liberal, KS 67905-0129  
(620) 624-2277  
(620) 624-2280 FAX

*Invoice*

<b>Bill to:</b>		6395901	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208			411135	11/30/04	8984	11/28/04
<b>Service Description</b>						
Cement						
<b>Lease</b>				<b>Well</b>		
Manford-Clark				1-16		
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>	
	B. Kasper	T. Seba	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	200	\$15.00	\$3,000.00 (T)
D203	60/40 POZ (COMMON)	SK	25	\$8.25	\$206.25 (T)
C195	FLA-322	LB	151	\$7.50	\$1,132.50 (T)
C221	SALT (Fine)	GAL	1089	\$0.25	\$272.25 (T)
C243	DEFOAMER	LB	38	\$3.45	\$131.10 (T)
C244	CEMENT FRICTION REDUCER	LB	47	\$4.75	\$223.25 (T)
C321	GILSONITE	LB	940	\$0.60	\$564.00 (T)
C312	GAS BLOCK	LB	141	\$5.15	\$726.15 (T)
F100	TURBOLIZER, 4 1/2"	EA	9	\$67.00	\$603.00 (T)
F210	AUTO FILL FLOAT SHOE, 4 1/2"	EA	1	\$250.00	\$250.00 (T)
F170	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$230.00	\$230.00 (T)
C141	CC-1, KCL SUBSTITUTE	GAL	2	\$42.00	\$84.00 (T)
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00 (T)
C303	SUPER FLUSH	GAL	250	\$3.25	\$812.50 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	30	\$3.50	\$105.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	30	\$2.00	\$60.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	318	\$1.50	\$477.00
E107	CEMENT SERVICE CHARGE	SK	225	\$1.50	\$337.50
R210	CASING CEMENT PUMPER, 4501-5000' 1ST 4 HRS ON LOC	EA	1	\$1,827.00	\$1,827.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
R702	CASING SWIVEL RENTAL	EA	1	\$150.00	\$150.00

**Sub Total:** \$11,816.50

**Discount:** \$3,190.45

**Discount Sub Total:** \$8,626.05

**Kiowa County & State Tax Rate: 6.30% Taxes:** \$395.97

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

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

## *Invoice*

*(T) Taxable Item*

**Total:** \$9,022.02

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# TREATMENT REPORT

Customer ID		Date	
Customer: O.P. INC of KS.		11-28-04	
Lease: MANFORD CREEK		Lease No.	Well # 1-16
Field Order # 8984	Station PRATT	Casing 4 1/2	Depth 4698
County KIOWA		State KS	
Type Job 4 1/2 L.S. NEW WELL		Formation NO = 4700	Legal Description 16-27S-16W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid 200 SKI AA2	(PREM)	RATE	PRESS
Depth 4698	Depth	From	To	Pre Pad 15% SALT 5# GUL	Max SOLID	84% FLIT	5 Min 322
Volume 79.56	Volume	From	To	Pad 2% D-ARK-1 .25	Mip CPE-3	75% GAS	10 Min 131sk
Max Press 2000	Max Press	From	To	Frac 15" / GAL 1.44 ft	Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From RIM	To HOLES	25 SK 60/40 Per	HHP Used		Annulus Pressure
Plug Depth 4687.75	Packer Depth	From	To	Flush 20 Bbls 2% KCL 12	Gas Volume 13515 M.F	6 Bbls	Total Load 5.1

Customer Representative: Bob Kasperik      Station Manager: D. AUBRY      Treater: T. SEBA

Service Units	123	380	457	381	572
---------------	-----	-----	-----	-----	-----

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:30					CALLED out
3:30					ON LOC W/ TRK'S; SAFETY MET
					RUN 110 JTS 4 1/2 10.5" CSG SET 2 4698'
					AFUF. SHOE / LD BAPPE 1STE 10.25
					CENT 1-2-3-4-5-13-15-16-17
9:40					CSG ON BOTTOM TAG & DROP BALL
9:55					HOOK UP TO CSG & BREAK CIRC W/ RSG
					START PUMPING & PREFLUSH
10:39	400		20	6	20 Bbls 2% KCL
			12	}	12 Bbls MUD Flush
			6		6 Bbls H2O
			6		6 Bbls SUPER flush
			3		3 Bbls H2O
10:49	400		51.29	4	START MIX! Pump 200 SKI & 15" / GAL
11:07			10		SHUT DOWN CLEAR P LINES Release Plu
11:11	200				START DISP
	450		60		LIFT CMG
11:22	1000		75 1/2		Plug down
	1500				PST ↑ CSG.
11:23					RELEASE & HOLD
11:25			20 SK 60/40 Per		Plug R-Holes

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 (620) 624-2277  
 (620) 624-2280 FAX

## Invoice

<b>Bill to:</b>  OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208	6395901	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
		502052	2/15/05	9679	2/11/05
<b>Service Description</b>					
Cement					
<b>Lease</b>				<b>Well</b>	
Manford Clark				1-16	
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>
	J. Powell	T. Seba	Old 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	100	\$12.38	\$1,238.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	25	\$3.65	\$91.25 (T)
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	25	\$2.15	\$53.75 (T)
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	125	\$1.60	\$200.00 (T)
E107	CEMENT SERVICE CHARGE	SK	100	\$1.50	\$150.00 (T)
R308	CEMENT PUMPER, 3501-4000' 1ST 4 HRS ON LOC.	EA	1	\$1,670.00	\$1,670.00 (T)
R700	SQUEEZE MANIFOLD	EA	1	\$430.00	\$430.00 (T)

<b>Sub Total:</b>	\$3,833.00
<b>Discount:</b>	\$958.23
<b>Discount Sub Total:</b>	\$2,874.77
<b>Kiowa County &amp; State Tax Rate: 6.30%</b>	<b>Taxes:</b> \$181.11
<i>(T) Taxable Item</i>	<b>Total:</b> <span style="border: 1px solid black; padding: 2px;">\$3,055.88</span>

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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.



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**TREATMENT REPORT**



Customer ID		Date	
Customer O.P. Inc of Ks		2-11-05	
Lease MANFORD CREEK		Lease No.	Well # 1-16
Field Order # 4619	Station PRATT	Casing 4 1/2	Depth 4680
Type Job S2 JOB OLD WELL		County KEOWA	State Ks
Formation		Legal Description 16-275-16W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size 2 3/8	Shots/Ft		Acid 100 SKI COMMON	RATE	PRESS	ISIP	
Depth 51	Depth 4049.87	From 4100	To 4106	Pre Pad 15.8' GAL	Max		5 Min.	
Volume .8109	Volume 15.67	From	To	Pad 1.18 H 3	Min		10 Min.	
Max Press	Max Press 2000	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth 4049.87	From	To	Flush	Gas Volume		Total Load	

Customer Representative: JEFF Station Manager: D. AUSTRY Treater: T. SEBA

Service Units		123	228	381	572	Service Log	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	JOB LOG #1		
6:30					CALLED OUT		
7:30					on loc w/ TEL's / SAFETY MTG		
					PKL SET @ 4049.87		
9:05				2	START LOAD ANN		
	1000		13	1/2	HELD		
	500				RELEASE BACK 500'		
9:13				2	TAKE INJ RATE		
		600	6				
9:23				2	START Pump H2O		
			5				
					START MIX' Pump 100 SKI @ 15.8' GAL		
9:41		2000	20		SHUT DOWN CLEAR P. LINES		
9:45		2000	.1		START DISP		
9:50	1500				PSI up ANN		
	1700			.3	REV out		
	1000		3	.75	75 SKI		
	600		15	1.5	23 SKI Feet		
			25		SHUT DOWN		
					100		
					R.11 STJS RESET PKL 3893'		
10:29	500		1	1/2	PSI up ANN		
10:31	15	1500	1/2	1/2	RE PSI S2 LET SET 30 MIN		

NEXT LOG



# TREATMENT REPORT

Customer ID		Date	
Customer <b>O.P. Inc of Ks</b>		<b>2-11-05</b>	
Lease <b>MANFORD CLARK</b>		Lease No.	Well # <b>1-16</b>

Field Order # <b>9679</b>	Station <b>PRATT</b>	Casing <b>4 1/2</b>	Depth <b>4630</b>	County <b>KIOWA</b>	State <b>Ks</b>
Type Job <b>SQ JOB OLD WELL</b>			Formation <b>KC B</b>	Legal Description <b>16-275-16W</b>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>4 1/2</b>	Tubing Size <b>2 3/8</b>	Shots/Ft		Acid <b>100 SKs Common</b>		RATE	PRESS	ISIP
Depth <b>51</b>	Depth <b>4094.87</b>	From <b>4100</b>	To <b>4106</b>	Pre Pad <b>15.8 "/GAL</b>		Max		5 Min.
Volume <b>8109</b>	Volume <b>1567</b>	From	To	Pad <b>1.18 H<sup>3</sup></b>		Min		10 Min.
Max Press	Max Press <b>2000</b>	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To	Flush		HHP Used		Annulus Pressure
Plug Depth	Packer Depth <b>4094.87</b>	From	To			Gas Volume		Total Load

Customer Representative <b>JEFF</b>	Station Manager <b>D. ABBY</b>	Treater <b>J. SEBA</b>
--	-----------------------------------	---------------------------

Service Units	<b>123</b>	<b>228</b>	<b>381</b>	<b>572</b>				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<b>10:31</b>	<b>500</b>	<b>1500</b>	<b>1/2</b>		<b>JO3 LOG #2</b>
					<b>Repsr So LET SET man</b>
					<b>WASH up TEL</b>
<b>10:58</b>	<b>500</b>	<b>1400</b>			<b>OPEN BACK up</b>
<b>11:02</b>		<b>1600</b>			<b>PSI up LET SET 20 min HELD</b>
<b>11:23</b>		<b>2000</b>			<b>PSI up LET SET 5 min HELD</b>
					<b>RELEASE ; HELD</b>
					<b>JOB COMPLETE</b>
					<b>THANKS</b>
					<b>TODD</b>
					<b>75 SKs TBG = 15.67 Bbls</b>
					<b>4 SKs CSG = 8109 Bbls</b>
					<b>79 SKs</b>
					<b>21 SKs IN PERKS</b>
					<b>100 SKs TOTAL</b>

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OIL PRODUCERS, INC. OF KANSAS  
INITIAL COMPLETION REPORT

WELL - MANFORD CLARK #1-16

LEGAL - SW-SE-SW of SEC. 16-27S-16W in KIOWA CO., KS

API # - 15-097-21557

G.L. - 2100'

K.B. - 5' ABOVE G.L. @ 2105'

SURFACE CSN - 8 $\frac{5}{8}$ " @ 459' w/ 400 SXS

RTD - 4700'

LTD - 4701' (ELI 11/27/04)

PRODUCTION CSN - 4 $\frac{1}{2}$ ", 10.5# @ 4699' w/ 200 SXS AA-2

TOP OF CEMENT - 3690' (w/ EXCELLENT BOND ACROSS PAY INTERVALS)

PBTD - 4680' (ELI BOND LOG 12/13/04)

PERFORATIONS - LANSING B - 4100-4106' 4/FT 12/13/04

TUBING IN HOLE - 15' M.A., S.N., 140 JTS 2 $\frac{3}{8}$ " (4345.35')

TUBING SET @ - 4363.45'

AVERAGE TBG JT. - 31.03'

PUMP RUN - 2" x 1 $\frac{1}{2}$ " x 12' RWB HOLLOW ROD w/ 6' G.A.

RODS RUN - PUMP, 2', 174 $\frac{3}{4}$ " RODS, 6', P.R.

PUMP SET @ - 4348.45'

PUMPING UNIT - SENTRY CH114D, SN - P114-01124, 64" STROKE, 23.75:1

PRIME MOVER - CONTINENTAL C-66

SURFACE EQUIPMENT - 10' x 15' 200 BBL FIBERGLASS GUN BBL  
2 - 10' x 12' 200 BBL FIBERGLASS STOCK TANKS  
10' x 12' 200 BBL FIBERGLASS WATER TANK

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12/13/04

COMANCHE WELL SERVICE ON LOCATION TO RIG UP D-D DERRICK.

ELI WIRELINE ON LOCATION TO RUN DUAL RECEIVER CEMENT BOND LOG.

FOUND TTL DEPTH @ - 4680' (8' HIGH TO TOP INSERT @ 4688')

FOUND TOP CEMENT - 3690' w/ EXCELLENT CEMENT BONDING ACROSS ALL POTENTIAL PAY INTERVALS.

COMANCHE SWABBED 4½" CASING DOWN TO 3550' FROM SURFACE.

ELI WIRELINE RIGGED TO PERFORATE PROPOSED INTERVAL IN LANSING-B UTILIZING 32 GRAM EXPENDABLE CASING GUN.

PERFORATE LANSING-B - 4100-4106' 4 SHOTS/FT

COMANCHE RIGGED TO SWAB TEST LANSING-B NATURAL AFTER PERFORATING.

TEST LANSING-B NATURAL AS FOLLOWS:

SWAB WELL DOWN TO 4200'	FOUND FLUID 3300'	GOOD SHOW OF OIL
<u>½ HR TEST</u> - REC. - 3.34 BBLS	50% OIL	TEST GAS @ 4 MCFPD
<u>½ HR TEST</u> - REC. - 5.01 BBLS	37% OIL	TEST GAS @ 4 MCFPD
<u>½ HR TEST</u> - REC. - 4.17 BBLS	26% OIL	NO GAS TEST

ACID SERVICES ON LOCATION TO ACIDIZE LANSING-B PERFS w/ 500 GALS 15% DSFE ACID. COMANCHE MADE LAST SWAB RUN FROM 4300' FROM SURFACE.

ACIDIZE LANSING-B PERFORATIONS AS FOLLOWS:

PUMP 500 GALS 15% DSFE.  
LOAD HOLE w/ 56 BBLS 2% KCL WATER  
DISPLACED 150 GALS ACID @ 9-0 BPM - VAC.  
DISPLACED 200 GALS ACID @ 4 BPM - 100-200#  
**NOTE:** ONLY DISPLACED 350 GALS ACID INTO FORMATION. REMAINING  
150 GALS ACID IN RAT HOLE BELOW PERFORATIONS.  
ISIP - 200 psi  
VAC - 3 MINUTES  
TTL LIQUID LOAD = 77 BBLS

COMANCHE RIGGED TO SWAB BACK ACID LOAD AND TEST LANSING-B PERFS AFTER ACID JOB.

TEST LANSING-B PERFORATIONS AFTER ACID AS FOLLOWS:

FOUND FLUID LEVEL @ 200' FROM SURFACE.  
1 HR SWAB TEST - REC. - 91 BBLS 85% OIL GOOD SHOW OF GAS  
**NOTE:** WE HAVE RECOVERED 14 BBLS OVER ACID LOAD @ THIS POINT.  
1 HR SWAB TEST - REC. - 35.48 BBLS 100% OIL GOOD SHOW OF GAS  
FLUID LEVEL - 3,000'

SHUT WELL IN. SHUT DOWN FOR NIGHT.

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**12/14/04**

SICP - 38#    FLUID LEVEL - 1972'    FREE OIL - 723'    OVERNIGHT FILL-UP OIL % - 34%

SBHP - 970 psi

SIOUX TRUCKING ON LOCATION; UNLOADED 2 $\frac{3}{8}$ " TBG, NEW  $\frac{3}{4}$ " RODS, BOTTOM HOLE PUMP, AND WELL HEAD ALL PURCHASED FROM SMITH SUPPLY.

COMANCHE RIGGED TO RUN PRODUCTION TUBING.

RAN PRODUCTION TUBING AS FOLLOWS:

MUD ANCHOR x 2 $\frac{3}{8}$ "	15.00'
SEATING NIPPLE x 2 $\frac{3}{8}$ "	1.10'
140 JTS 2 $\frac{3}{8}$ " TBG	4345.35'
K.B. (5' < 3' ABOVE G.L.)	<u>2.00'</u>
TUBING SET @	4363.45'
S.N. SET @	4348.45'

PACK TUBING OFF; RIG TO RUN PUMP AND RODS.

RAN PUMP & RODS AS FOLLOWS:

2" x 1 $\frac{1}{2}$ " x 12' RWB HOLLOW ROD 6' G.A.	14.00'
2' x $\frac{3}{4}$ " ROD SUB	2.00'
174 $\frac{3}{4}$ " RODS NEW	4350.00'
6' x $\frac{3}{4}$ " SUB	6.00'
1 $\frac{1}{4}$ " x 16' P.R. w/ 7' LINER	<u>16.00'</u>
PUMP SET @	4348.45'

CLAMP RODS OFF.

COMANCHE RIGGED DOWN AND MOVED OFF LOCATION.

**12/17/04 THROUGH 12/23/04**

SIOUX TRUCKING ON LOCATION TO SET SENTRY 114 PUMPING UNIT PURCHASED FROM SMITH SUPPLY.

SHAWNEE LEASE SERVICE ON LOCATION; DITCHED AND LAID APPROX. 300' 2" SCH-160 PVC LEAD LINE FROM WELL TO TANK BATTERY STRAIGHT SOUTH OF WELL @ ROAD; HOOKED UP WELL HEAD; LAID GAS SUPPLY TO ENGINE; SET CONTINENTAL C-66 ENGINE FROM OPIK STOCK.

SHAWNEE, SIOUX TRUCKING, AND STREMEL SET TANK BATTERY PURCHASED FROM SMITH SUPPLY: 10' X 15' FIBERGLASS GUN BBL; 2 - 10' x 12' 200 BBL FIBERGLASS STOCK TANKS; 1 - 10' x 12' 200 BBL FIBERGLASS WATER TANK

WILL PUT WELL IN SERVICE @ 10 SPM 64" STROKE = 180 BTFPD PUMP CAPACITY. THIS SHOULD MAKE A NICE COMMERCIAL OIL WELL.

END OF REPORT  
BRAD SIROKY

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OIL PRODUCERS, INC. OF KANSAS  
INITIAL COMPLETION REPORT

WELL - MANFORD CLARK #1-16

LEGAL - SW-SE-SW of SEC. 16-27S-16W in KIOWA CO., KS

API # - 15-097-21,557

G.L. - 2100'

K.B. - 5' ABOVE G.L. @ 2105'

SURFACE CSN - 8 $\frac{5}{8}$ " @ 459' w/ 400 SXS

RTD - 4700'

LTD - 4701' (ELI 11/27/04)

PRODUCTION CSN - 4 $\frac{1}{2}$ ", 10.5# @ 4699' w/ 200 SXS AA-2

TOP OF CEMENT - 3690' w/ EXCELLENT BOND ACROSS PAY INTERVALS

PBTD - 4680' (ELI BOND LOG 12/13/04), 4686' 2/15/05

<u>PERFORATIONS</u> -	LANSING-B -	4100-4106'		12/13/04	SQZ'D 2/11/05
	MISSISSIPPI -	4571-4586'	2/FT	2/15/05	
	KINDERHOOK -	4621-4627'	2/FT	2/15/05	
	KINDERHOOK -	4631-4633'	2/FT	2/15/05	

TUBING IN HOLE - 15' M.A., S.N., 148 JTS 2 $\frac{3}{8}$ " TBG (4595.70')

TUBING SET @ - 4614.80' (SET 72' OFF BOTTOM 2/23/05)

AVERAGE TBG JT. - 31.05'

PUMP RUN - 2" x 1 $\frac{1}{2}$ " RWB HOLLOW ROD w/ 6' G.A.

RODS RUN - PUMP, 2', 184- $\frac{3}{4}$ ", 6', P.R.

PUMP SET @ - 4599.80'

PUMPING UNIT - SENTRY CH114D, S.N. - P114-01124, 64" STROKE

PRIME MOVER - CONTINENTAL C-66

SURFACE EQUIPMENT - 10' x 15' 200 BBL FIBER GUN BBL  
 2 - 10' x 12' 200 BBL FIBER STOCK TANKS  
 1 - 10' x 12' 200 BBL FIBER WATER TANK GAS SEPARATOR

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**2/10/05**

COMANCHE WELL SERVICE ON LOCATION TO RIG UP D-D DERRICK.

POOH - w/ RODS AND TUBING.

SHUT DOWN FOR NIGHT.

**2/11/05**

T.R. SERVICES ON LOCATION w/ PACKER.

RIH - w/ PACKER & TUBING, SET PACKER @ 4049'.

ACID SERVICES ON LOCATION TO SQUEEZE LANSING-B.  
PERFORATIONS 4100-4106' w/ 100 SXS COMMON CEMENT.

SQUEEZE LANSING-B PERFORATIONS AS FOLLOWS:

LOAD ANNULUS & PRESSURE TEST TO 1000#, HELD OKAY.  
ESTABLISH INJ. RATE VIA TBG - 2  
MIX & PUMP 100 SXS COMMON CEMENT  
DISPLACE 25 SXS CEMENT IN ZONE, SQUEEZED @ 2000#  
REVERSE CIRCULATE CLEAN.  
REPRESSURE TO 2000# & HELD.  
POOH - w/ TBG & PACKER.

SHUT DOWN FOR WEEKEND.

**2/14/05**

T.R. SERVICES ON LOCATION w/ DRILLING EQUIPMENT.

RIH - w/ 3 7/8" BIT & TBG. TAG CEMENT @ 4051'.

DRILL - 56' HARD CEMENT TO 4107' & FELL THROUGH.

CIRCULATE CLEAN, PRESSURE TEST TO 500# & HELD.  
SWAB WELL DOWN VIA 4 1/2" CASING TO 3800'.  
COULD NOT GET THROUGH SQUEEZE w/ SWAB.  
WILL HAVE TO RUN CASING SCRAPER.

SHUT DOWN FOR NIGHT.

**2/15/05**

RIH - w/ CSN SCRAPER, POOH - w/ SCRAPER.

ELI WIRELINE ON LOCATION TO PERFORATE PROPOSED INTERVALS IN KINDERHOOK SAND AND MISSISSIPPI CHERT UTILIZING 32 GRAM EXPENDABLE CSN GUNS.

<u>PERFORATE KINDERHOOK</u> -	4631-4633'	2 SHOTS/FT
<u>PERFORATE KINDERHOOK</u> -	4621-4627'	2 SHOTS/FT
<u>PERFORATE MISSISSIPPI</u> -	4571-4586'	2 SHOTS/FT
<u>FOUND TTL DEPTH @</u> -	4668'	(HAVE 12' FILL)

T.R. SERVICES ON LOCATION w/ PACKER.

RIH - w/ PACKER & TBG

ACID SERVICES ON LOCATION TO ACIDIZE KINDERHOOK AND MISSISSIPPI PERFS w/ 3000 GALS  
15% DSFE & 60 BALLS.

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**2/15/05 CONTINUED**

ACIDIZE KINDERHOOK & MISSISSIPPI PERFORATIONS AS FOLLOWS:

SPOT ACID ACROSS PERFS. PICK UP AND SET PACKER.  
 PUMP 500 GALS 15% DSFE.  
 PUMP 2500 GALS 15% DSFE w/ 60 BALLS SPACED EQUALLY.  
 PRESSURE TO 1550# & START FEEDING.  
 DISPLACE ACID @ 5 BPM - 1600-2000#, SLIGHT BALL ACTION.  
ISIP - 500#  
VAC - 5 MINS  
TTL LOAD = 90 BBLs

POOH - w/ TBG & PACKER

SWAB BACK 40 BBLs OF ACID LOAD.

SHUT DOWN FOR NIGHT.

**2/16/05**

SICP - 430#, FL. LEVEL - 3710' DWN, FREE OIL - 512', OVERNIGHT FILL-UP OIL % - 58%

SBHP - MISS & KIND CALCULATES - 848 psi

TEST KINDERHOOK & MISSISSIPPI AFTER ACID AS FOLLOWS:

SWAB WELL DOWN, RECOVERED 14.19 BBLs, 57% OIL SHOW OF GAS

<u>1 HR SWAB TEST</u> - REC. - 0.83 BBLs	25% OIL	49 MCF GAS
<u>1 HR SWAB TEST</u> - REC. - 0.83 BBLs	24% OIL	44 MCF GAS
<u>1 HR SWAB TEST</u> - REC. - 0.83 BBLs	46% OIL	49 MCF GAS
<u>1 HR SWAB TEST</u> - REC. - 0.83 BBLs	43% OIL	49 MCF GAS

ACID SERVICES ON LOCATION TO FRACTURE KIND & MISS PERFS w/ 41,500 GALS 60% N2 FOAM AND 47,000# SAND, TAILING IN w/ 5000# RESONATED SAND TO MINIMIZE SAND PRODUCTION.

FRACTURE KINDERHOOK & MISSISSIPPI PERFORATIONS AS FOLLOWS:

PUMP 15,000 GALS N2 FOAM PAD, EST. INJ RATE @ 18 BPM - 2350 psi  
 PUMP 5,000# 20/40 SAND @ 1 PPG (5,000 GALS) @ 18 BPM - 2300 psi  
 PUMP 12,000# 20/40 SAND @ 2 PPG (6,000 GALS) @ 18 BPM - 2250 psi  
 PUMP 15,000# 20/40 SAND @ 2.5 PPG (6,000 GALS) @ 18 BPM - 2350 psi  
 PUMP 6,000# 12/20 SAND @ 2.5 PPG (2,400 GALS) @ 18 BPM - 2450 psi

**NOTE:** CUT THIS STAGE SHORT BY 4,000# SAND DUE TO UNUSUALLY HIGH PRESSURE INCREASE. START AC-FRAC.

PUMP 5,000# 12/20 AC-FRAC @ 2.5 PPG (2,000 GALS) @ 18 BPM - 2500 psi

**NOTE:** CUT N2, START FLUSH w/ GELLED WATER TO DECREASE SURFACE PRESSURE AS MUCH AS POSSIBLE. DECREASE RATE. FLUSH SAND TO PERFS w/ 3,500 GALS @ 12 BPM - 2500 psi.

ISIP - 1828#, 5 MIN SIP - 1300#, 10 MIN SIP - 1220#, 15 MIN SIP - 1126#  
TTL LIQUID LOAD TO RECOVER = 420 BBLs

SHUT WELL IN FOR NIGHT.

**2/17/05**

SICP - 620#

BLOW WELL DOWN FOR 1/2 HR, VERY STRONG GAS.

WELL PRODUCING HIGH VOLUMES OF SAND.

SHUT WELL IN FOR DAY TO ALLOW AC-FRAC SAND TO SET.

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**2/18/05**

SICP - 720#, BLOW WELL DOWN. START FLOWING, FLOW 1 HR & DIED, RIG UP TO SWAB 4½" CSN.

TEST KINDERHOOK & MISSISSIPPI AFTER FRAC AS FOLLOWS:

SWAB WELL DOWN, REC. - 100.60 BBLs STRONG GAS		
<u>1 HR TEST</u> - REC. - 5.84 BBLs	8% OIL	TEST GAS @ 330 MCF
<u>1 HR TEST</u> - REC. - 5.84 BBLs	33% OIL	TEST GAS @ 330 MCF
<u>1 HR TEST</u> - REC. - 5.84 BBLs	30% OIL	TEST GAS @ 330 MCF
<u>1 HR TEST</u> - REC. - 5.84 BBLs	30% OIL	TEST GAS @ 330 MCF

CHECK TTL DEPTH @ 4626', HAVE 54' FILL-UP.

SHUT DOWN FOR WEEKEND.

**2/21/05**

SICP - 1000# SBHP - CALCULATES 1152 psi (ASSUMING NO FLUID)

BLOW WELL DOWN; PUMP 80 BBLs 2% KCL WATER TO KEEP WELL QUIET. RIG UP SAND PUMP. SAND PUMP WELL BORE ALL DAY. CLEAN OUT 25' OF SAND.

SHUT DOWN FOR NIGHT.

**2/22/05**

SICP - 0# (LEFT OPEN OVERNIGHT TO KEEP DEAD)

SAND PUMP WELL BORE ALL DAY.

CLEAN OUT WELL BORE TO ORIGINAL PBTD 4680'.

SHUT DOWN FOR NIGHT.

**2/23/05**

RIG TO RUN PRODUCTION TUBING.

RAN PRODUCTION TUBING AS FOLLOWS:

MUD ANCHOR x 2⅜"	15.00'
SEATING NIPPLE x 2⅜"	1.10'
148 JTS 2⅜" TBG	4595.70'
K.B. (5' < 2' ABOVE G.L.)	3.00'
<u>TUBING SET @</u>	<u>4614.80'</u>

TAG TTL DEPTH @ 4686' (BY TBG TALLY).  
PICK UP & SET TBG 72' OFF BOTTOM.

RIG TO RUN BOTTOM HOLE PUMP & RODS.

RAN PUMP & RODS AS FOLLOWS:

2" x 1½" x 12' RWB HOLLOW ROD	14.00'
2' x ¾" SUB	2.00'
184 - ¾" RODS	4600.00'
6' x ¾" SUB	6.00'
1¼" x 16' POLISHED ROD	16.00'
<u>PUMP SET @</u>	<u>4599.80'</u>

HANG WELL ON.  
COMANCHE RIGGED DOWN AND MOVED OFF LOCATION.

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**2/24 to 2/26/05**

SHAWNEE LEASE SERVICE ON LOCATION.

SET 24" X 5' 250# VERTICAL GAS SEPARATOR @ TANK BATTERY SITE.

SET 2" METER RUN & METER @ T.B. SITE.

DITCHED & LAID APPROX. 300' 2 $\frac{3}{8}$ " STEEL GAS LINE FROM WELL HEAD CSN TO SEPARATOR.

DITCHED & LAID APPROX. 1500' 2 $\frac{3}{8}$ " STEEL GAS LINE FROM METER RUN, STRAIGHT EAST TO A1 POINT NORTH OF CLARK #1, THENCE CROSS ROAD SOUTH & TIED INTO CLARK #1. SEPARATOR TO RUN GAS VIA CLARK #1 PRODUCER LINE TO ONEOK SALES METER.

PUT WELL IN SERVICE 2/27/05.

END OF REPORT  
BRAD SIROKY

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