

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

ORIGINAL

Operator: License # 8061
 Name: Oil Producers Inc. of Kansas
 Address: P.O. Box 8647
 City/State/Zip: Wichita, KS 67208-0647
 Purchaser: NCRA/Oneok
 Operator Contact Person: Diana Richecky
 Phone: (316) 681-0231
 Contractor: Name: Mallard JV, Inc
 License: 4985
 Wellsite Geologist: William H. Shepard
 Designate Type of Completion: **KCC WICHITA**
 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>02/17/2003</u>	<u>02/22/2003</u>	<u>05/09/2003</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 097-21505-00-00
 County: Kiowa
nw nw ne Sec. 21 Twp. 27 S. R. 16 East West
4950 feet from (S) (circle one) Line of Section
2310 feet from (E) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE (SE) NW SW
 Lease Name: Clark Well #: 1
 Field Name: Fruit North
 Producing Formation: Kinderhook
 Elevation: Ground: 2097 Kelly Bushing: 2102
 Total Depth: 4700 Plug Back Total Depth: 4651
 Amount of Surface Pipe Set and Cemented at 450 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 cmf.

Drilling Fluid Management Plan *All 1 W 8.8.03*
 (Data must be collected from the Reserve Pit)
 Chloride content 10,500 ppm Fluid volume 700 bbls
 Dewatering method used Hauled to SWD
 Location of fluid disposal if hauled offsite:
 Operator Name: Oil Producers Inc. of Kansas
 Lease Name: Watson #2 License No.: 8061
 Quarter sw/4 Sec. 8 Twp. 29 S. R. 15 East West
 County: Pratt Docket No.: D-24324

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. L...*
 Title: President Date: July 29, 2003
 Subscribed and sworn to before me this 29th day of July
2003.

Notary Public: *Diana L. Gulecky*

Date Commission Expires DIANA D. RICHECKY 04
 Notary Public - State of Kansas
 My Appt. Expires

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: Clark Well #: 1
 Sec. 21 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.

<p>DST # / ON GEO REPORT</p> <p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes No</p> <p>Cores Taken Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes No <i>(Submit Copy)</i></p> <p>List All E. Logs Run:</p> <p>Geological Report, Dual Receiver Cement Bond Log, Gamma Ray Neutron/CCL Log</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Log Name</th> <th>Formation (Top), Depth and Datum</th> <th>Sample Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3897</td> <td>-1795</td> </tr> <tr> <td>Brown Line</td> <td>4053</td> <td>-1951</td> </tr> <tr> <td>Lansing</td> <td>4077</td> <td>-1975</td> </tr> <tr> <td>Mississippi</td> <td>4557</td> <td>-2455</td> </tr> <tr> <td>Kinderhook Sand</td> <td>4613</td> <td>-2511</td> </tr> <tr> <td>Viola</td> <td>4673</td> <td>-2571</td> </tr> <tr> <td>RTD</td> <td>4700</td> <td>-2598</td> </tr> </tbody> </table>	Log Name	Formation (Top), Depth and Datum	Sample Datum	Heebner	3897	-1795	Brown Line	4053	-1951	Lansing	4077	-1975	Mississippi	4557	-2455	Kinderhook Sand	4613	-2511	Viola	4673	-2571	RTD	4700	-2598
Log Name	Formation (Top), Depth and Datum	Sample Datum																							
Heebner	3897	-1795																							
Brown Line	4053	-1951																							
Lansing	4077	-1975																							
Mississippi	4557	-2455																							
Kinderhook Sand	4613	-2511																							
Viola	4673	-2571																							
RTD	4700	-2598																							

CASING RECORD <input checked="" type="checkbox"/> New <input 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
Surface		8 5/8"	24	450	See Note 1	300	See Note 1
Production		4 1/2"	10.5	4697	AA-2	100	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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

TUBING RECORD	Size 2 3/8"	Set At 4639.14'	Packer At	Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Enhr. 05/09/2003		Producing Method Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 20	Gas Mcf 50	Water Bbls.	Gas-Oil Ratio Gravity

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: See Initial Completion Report

ORIGINAL

Attachment 1

Note 1:

Surface Casing

300 sacks

Type of Cement

60 40 poz

Type and % additives:

2% gel, 3% cc 1/4# floreal

Production Casing

100 sacks

AA-2

RECEIVED

JUL 3 0 2003

KCC WICHITA



ORIGINAL

SALES OFFICE:
 100 S. Main
 Suite #607
 Wichita KS 67202
 (316) 262-3699
 (316) 262-6799 FAX

SALES & SERVICE OFFICE:
 10244 NE Hiway 61
 P.O. Box 8613
 Pratt, KS 67124-8613
 (316) 672-1201
 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:			6395901	Invoice	Invoice Date	Order	Order Date
OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208				302071	3/21/03	5754	2/15/03
Service Description							
Cement							
				Lease		Well	
				Clark		1	
AFE			CustomerRep			Treater	
			L. Urban			T. Seba	
				Well Type		Purchase Order	
				New Well		Terms	
				Net 30			

RECEIVED
JUL 30 2003
KCC WICHITA

<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	300	\$7.84	\$2,352.00 (T)
C310	CALCIUM CHLORIDE	LBS	774	\$0.75	\$580.50 (T)
C194	CELLFLAKE	LB	65	\$2.00	\$130.00 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA.	1	\$85.00	\$85.00 (T)
E107	CEMENT SERVICE CHARGE	SK	300	\$1.50	\$450.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	25	\$3.25	\$81.25
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	323	\$1.30	\$419.90
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: \$5,052.65
Discount: \$1,667.81
Discount Sub Total: \$3,384.84
Tax Rate: 6.30% **Taxes:** \$132.84
 (T) Taxable Item **Total:** \$3,517.68

Intangible

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 5754	
Date	2-15-03	Lease	Clark	Well #	1
Customer ID		County	kiowa	State	Ks
OIL PRODUCERS INT. OF KS		Depth		Formation	
		Casing	8 5/8	Casing Depth	450'
		Customer Representative	LAUN	Treater	T. SEBA
		Shoe Joint	15' CUSTOMER RPT		
		Job Type	8 5/8 SURFACE NEW WELL		

CHARGE

AFE Number	PO Number	Materials Received by	X <i>Laura R. Wilson</i>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-203	300 SKS	6 7/40 P2	✓			
C-310	774 lbs	CALCIUM CHLORIDE	✓			
C-194	65 lbs	CEMENT FLAKE	✓			
F-163	1 EA	WOODEN PLUG 8 5/8	✓			
RECEIVED						
JUL 30 2003						
KCC WICHITA						
E-107	300 SKS	CEMENT SERV. CHARGE				
F-100	25 MF	UNITS /WAY MILES 25				
E-104	323 TM	TONS MILES				
R-201	1 EA	EA. 450' PUMP CHARGE				
R-701	1 EA	CEMENT HEAD RENTAL				
DISCOUNTED PRICES:				3,384.84		
+ TAXES						

TREATMENT REPORT



Customer ID		Date	
Customer O.P. INC. OF KS		2-15-03	
Lease CLARK	Lease No.	Well # 1	
Field Order # 5754	Station PRATT	Casing 8 5/8	Depth 449'
Type Job 8 5/8 SURFACE NEW WELL		County KIOWA	State KS
Formation TD 450'		Legal Description 21-27S-16W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid 300 SKS		RATE	PRESS	ISIP
Depth 450'	Depth	From	To	Pre Pad 60/40 POZ	Max			5 Min.
Volume	Volume	From	To	Pad 240 GAL 30% CC	Min	1/4" CELL PHASE		10 Min.
Max Press	Max Press	From	To	Free 14.5#/GAL	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	1.3043	HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative LAWNE	Station Manager D. AUBRY	Treater T. SEBA
Service Units	114	27
	36	70

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
21:30					CALLED OUT
23:00					RECEIVED ONLINE W/ TRK'S SAFETY TRNG.
					JUL 30 2003 RUN 11 JT'S 24" 8 5/8 CSG NEW
5:15					KCC WICHITA START CSG.
6:40					CSG ON BOTTOM
6:45					HOOK UP TO CSG
			10	6	BEHAL CIRC W/ TRG
					START PUMPING
			69.46		START MIX! PUMP 300SKS @ 14.5#/GAL
7:53					FINISHED MIX
7:54					SHUT DOWN & RELEASE PLUG
7:59			27.6	2	START DISP
8:00					PLUG DOWN
					CLOSE VALVE ON CSG
					GOOD CIRC THEN JO3 ✓
					CIRC OUT TO BIT
					JOB COMPLETE
					THANKS
					TODD



ORIGINAL

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
 (316) 672-1201
 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:			6395901	Invoice	Invoice Date	Order	Order Date
OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208				302112	2/28/03	6052	2/22/03
				Service Description			
				Cement			
				Lease		Well	
				Clark		1	
AFE	CustomerRep	Treater		Well Type	Purchase Order	Terms	
	L. Urban	T. Seba		New Well		Net 30	

RECEIVED
 JUL 30 2003
 KCC WICHITA

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D105	AA2 (PREMIUM)	SK	100	\$13.74	\$1,374.00 (T)
D203	60/40 POZ (COMMON)	SK	25	\$7.84	\$196.00 (T)
C195	FLA-322	LB	76	\$7.50	\$570.00 (T)
C221	SALT (Fine)	GAL	517	\$0.25	\$129.25 (T)
C321	GILSONITE	LB	500	\$0.60	\$300.00 (T)
C241	SS-1, SILT SUSPENDER	GAL	10	\$35.00	\$350.00 (T)
C312	GAS BLOCK	LB	71	\$5.00	\$355.00 (T)
F100	TURBOLIZER, 4 1/2"	EA	5	\$67.00	\$335.00 (T)
F170	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$230.00	\$230.00 (T)
F210	AUTO FILL FLOAT SHOE, 4 1/2"	EA	1	\$250.00	\$250.00 (T)
C141	CC-1, KCL SUBSTITUTE	GAL	2	\$40.00	\$80.00 (T)
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00 (T)
C303	SUPER FLUSH	GAL	250	\$3.25	\$812.50 (T)
E107	CEMENT SERVICE CHARGE	SK	125	\$1.50	\$187.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	25	\$3.25	\$81.25
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	154	\$1.30	\$200.20
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

Sub Total:	\$7,902.70
Discount:	\$2,822.40
Discount Sub Total:	\$5,080.30
Tax Rate: 6.30%	Taxes: \$216.95
(T) Taxable Item	Total: \$5,297.25

PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182
 Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.

ORIGINAL



INVOICE NO.	Subject to Correction			FIELD ORDER	6052
Date: 2-22-03	Lease: CLARK	Well # 1	Legal: 21-275-166		
Customer ID	County: KIOWA	State: KS	Station: PRATT		

CHARGE

OIL PRODUCERS TAX OF KS.	Depth: 10.5" NEW	Formation:	Shoe Jct: 43.23 L.D. Plug
	Casing: 4 1/2	Casing Depth: 4697'	TD: 4700
	Customer Representative: LADWIE	Treater: T. SEBA	Job Type: 4 1/2 L.S. NEW WELL

AFE Number	PO Number	Materials Received by: <i>x Luben R Uda</i>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-105	100 SK	ART-2 (PREM)	✓			
D-203	25 SK	60/40 POLI (COMMON)	✓			RECEIVED
C-195	76 lbs	PLA-322	✓			JUL 30 2003
C-221	517 lbs	SAIT	✓			KCC WICHITA
C-321	500 lbs	CILSONITE	✓			
C-241	10 lbs	DEFOAMER	✓			
C-312	71 lbs	Gas-Blok	✓			
F-100	5 EA	Turbolizer 4 1/2	✓			
F-170	1 EA	L.D. PLUG & BOP	✓			
F-210	1 EA	AUTO-FILL F SHOE	✓			
C-141	2 GAL	CC-1	✓			
C-302	500 GAL	MUD FLUSH	✓			
C-303	250 GAL	SUPER FLUSH	✓			
F-107	125 SK	CEMENT SEAL CHARGE				
E-100	25 MI	UNITS /WAY MILES 25				
E-104	154 TM	TONS MILES				
R-210	1 EA	EA. 4697' PUMP CHARGE				
R-701	1 EA	CEMENT HEAD RENTAL				
		DISCOUNTED PRICE :		5,080.30		
		+ TAXES				

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

TREATMENT REPORT



Customer ID	Date	
Customer O.P. INC	2-22-03	
Lease CLARK	Lease No.	Well # 1

Field Order # 6052	Station PRATT	Casing 4 1/2	Depth	County KIOWA	State KS
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Type Job 4 1/2 L.S. NEW WELL	Formation ID: 4700'	Legal Description 21-275-16W
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PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid 100 SK AA-2	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush 24 Bbls 2% KCL 12 Bbls M. P.	Gas Volume 6 Bbls B-F		Total Load	

Customer Representative LAYONG	Station Manager DAVE AULRY	Treater T. SC3B
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Service Units	1A	27	44	76				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
01:00					RECEIVED
05:45					CALLER OUT
					ON LOC W/ FB
					JUL 30 2003
					KCC WICHITA
					Run/09 JT'S 4 1/2 105# CSG. NEW
					F. SHOB & L.D. 1ST= 43.23
					CENT-1-3-5-7-9
8:50					CSG ON BOTTOM! DROP BALL
9:00					Hook up TO CSG. & BREAK CIRC W/ PFG
9:32					START PUMPING PREFLUSHES
	650		24	6	24 Bbls 2% KCL
			12	7	12 Bbls M. Flush
			5		5 Bbls H ₂ O
			6		6 Bbls B-Flush
					START MIX & Pump 100 SK AA-2 15%/GAL
			25.65		SHUT DOWN & RELEASE PLUG L.D.
			10	5	CLEAR PUMP & LINES
9:50	300			6	START DISP
	600		65	4	2STRT CURT
10:03	1600		74.05	2	PLUG DOWN
10:05					RELEASE & HOLD
			8	1	Plug R. M Holds 25 SKs 60/60 Pse
10:30					JOB COMPLETED

ORIGINAL

RECEIVED

JUL 30 2003

KCC WICHITA

Oil Producers Inc. of Kansas
Final Initial Completion Report

WELL - CLARK #1

LEGAL - NW/NW/NE of SECTION 21-27s-16w in KIOWA CO., KS

API # - 15-097-21,505

G.L. - 2097'

K.B. - 5' ABOVE G.L. @ 2102'

SURFACE CSN - 8 5/8" @ 450' w/ 300 SXS

RTD - 4700'

LTD - NO OPEN HOLE LOG RAN

PRODUCTION CSN - 4 1/2", 10.5# @ 4697' w/ 100 SXS AA-2

TOP OF CEMENT - 4,000' w/ EXCELLENT CEMENT ACROSS PAY ZONES

PBTD - 4651' (ELI - 3/14/03)

<u>PERFORATIONS</u> -	MISSISSIPPI	4556-4576'	1/FT	3/17/03
	KINDERHOOK	4612-4617'	2/FT	3/17/03

TUBING RAN - 15' MA, S.N., 149 JTS 2 3/8" RBG (4620.04')

TUBING SET @ - 4639.14' (SET 12' OFF BOTTOM 3/03)

AVERAGE TBG JT. - 31.00'

PUMP RAN - 2" x 1 1/2" x 12' RWTC w/ 6' GA

RODS RAN - PUMP, 2', 183-3/4" RODS, 1 1/4" x 22' P.R.

PUMP SET @ - 4624.14'

PUMPING UNIT - AMERICAN 114 SN-D-1141290, w/ CONT. C-66

SURFACE EQUIPMENT -

- 4' x 20' BMW HEATER TREATER
- 1 - 12' x 10' 200 BBL STEEL STOCK TANK
- 1 - 12' x 16' 200 BBL FIBERGLASS WATER TANK
- 24" x 5' VERTICAL 125# SEPARATOR, MAN. DUMP
- SAVER 24" x 6' LINE HEATER

3/11/03 -

ELI ON LOCATION TO RUN GAMMA RAY, NEUTRON, CORRELATION & CEMENT BOND LOG.
FOUND TTL DEPTH - 4614'

NOTE: (THIS IS NOT SUFFICIENT DEPTH TO COMPLETE WELL. THIS IS 40' HIGH TO TOP INSERT.)

FOUND TOP CEMENT - 4,000' w/ EXCELLENT BOND ACROSS MISS & KIND INTERVALS.

3/13/03 -

COMANCHE WELL SERVICE ON LOCATION, RIGGED UP D-D DERRICK.
SIOUX TRUCKING ON LOCATION w/ APPROX. 4650' OF 2 3/8" TBG & 3/4" RODS.

NOTE: (4300' OF 2 3/8" TBG & 3/4" RODS FROM OPIK OSBORNE LEASE.)
SHUT DOWN FOR NIGHT.

RECEIVED
JUL 30 2003
KCC WICHITA

3/14/03 -

COMANCHE RIGGED TO RUN TBG.

RIH - w/ 3 7/8" BIT & TBG.

TAG SOLID TTL DEPTH - 4650'

NOTE: (THIS IS SUFFICIENT DEPTH TO RESUME COMPLETION.)

CIRCULATE HOLE CLEAN.

ELI WIRELINE ON LOCATION TO RUN BOTTOM INTERVAL GR, NEUTRON, CORRELATION & BOND LOG.

FOUND TTL DEPTH - 4651' w/ GOOD BONDING.

COMANCHE SWABBED 4 1/2" CASING DOWN TO 4,000'.

SHUT DOWN FOR WEEKEND.

3/17/03 -

ELI WIRELINE ON LOCATION TO PERFORATE PROPOSED INTERVALS IN MISSISSIPPI CHERT & KINDERHOOK SAND, UTILIZING 32 GRAM EXPENDABLE CASING GUNS.

PERFORATE KINDERHOOK - 4612-4617' 2 SHOTS/FT

PERFORATE MISSISSIPPI - 4556-4576' 1 SHOT/FT

COMANCHE SWABBED WELL DOWN TO TTL DEPTH.

1/2 HR NATURAL TEST - RECOVERED NO FLUID OR GAS

ACID SERVICES AND CUDD PRESSURE CONTROL ON LOCATION.

ACID SERVICES RIGGED TO ACIDIZE MISS & KIND PERFS w/ 2,000 GALS 15% DSFE ACID AND 45 BALL SEALERS.

ACIDIZE MISSISSIPPI & KINDERHOOK PERFORATIONS AS FOLLOWS:

- PUMP 500 GALS 15% DSFE
- PUMP 1500 GALS 15% DSFE w/ 45 BALLS SPACED EQUALLY
- LOAD HOLE w/ FIELD BRINE
- PRESSURE TO 2100 psi & ACID STARTED FEEDING.
- DISPLACED 500 GALS ACID @ 12 BPM - 1400#
- DISPLACED 1,000 GALS ACID @ 7 BPM - 1300-2200#
- NOTE: BALLED OFF
- KNOCK BALLS OFF w/ SWAB STEM
- DISPLACE REMAINING ACID @ 12 BPM - 1600-1800#
- ISIP - 630# VAC - 5 MINUTES TTL LOAD = 125 BBLs

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3/17/03 -

COMANCHE RIGGED TO SWAB TEST AFTER ACID.

SWAB TEST KINDERHOOK & MISSISSIPPI AFTER ACID AS FOLLOWS:

FOUND FL. LEVEL @ 70' FROM SURFACE.
SWAB WELL DOWN, RECOVERED 84.80 BBLS, TRACE OIL & GAS
½ HR TEST - RECOVERED 1.12 BBLS, TRACE OIL, TEST GAS @ 20 MCF

ACID SERVICES AND CUDD PRESSURE CONTROL RIGGED TO FRACTURE KIND & MISS PERFS w/ 44,500 GALS 60% FOAMED NITROGEN AND 55,500# SAND.

FRACTURE MISSISSIPPI & KINDERHOOK PERFORATIONS AS FOLLOWS:

PUMP 15,000 GALS 60% N2 FOAM PAD, EST. INJ. RATE @ 20 BPM - 2370#
PUMP 5,000# 20/40 SAND @ 1 PPG (5,000 GALS) - 20 BPM - 2375'
PUMP 12,000# 20/40 SAND @ 2 PPG (6,000 GALS) - 20 BPM - 2325'
PUMP 15,000# 20/40 SAND @ 2.5 PPG (6,000 GALS) - 20 BPM - 2300#
PUMP 17,500# 12/20 SAND @ 2.5 PPG (7,000 GALS) - 20 BPM - 2500#
PUMP 6,000# 12/20 AC-FRAC @ 3 PPG (2,000 GALS) - 20 BPM - 2500#
SIP - 2650', 5 MIN SIP - 2125#, 10 MIN SIP - 1980#, 15 MIN SIP - 1850#
TTL LIQUID LOAD - 423 BBLS AVERAGE FLUSH = 20 BPM - 2900#

SHUT WELL IN FOR NIGHT.

3/18/03 -

16 HR SIP - 800#

FLOW WELL VIA FULL OPENING 2" LINE TO FRAC TANK FOR 8 HRS. RECOVERED 68.5 BBLS, TRACE OF OIL, VERY GOOD SHOW OF GAS. RECOVERING SOME SAND. SHUT DOWN FOR DAY, BUT LEFT WELL FLOWING OVERNIGHT TO FRAC TANK.

3/19/03 -

FCP - 25#

16 HRS FLOW OVERNIGHT - RECOVERED 87.5 BBLS, 14% OIL, TEST GAS @ 980 MCFPD.

NOTE: (THIS FLUID VOLUME AVERAGE = 5.46 BTFPH)

CONTINUE TESTING MISSISSIPPI & KINDERHOOK PERFORATIONS AS FOLLOWS:

1 HR FLOW - REC. - 4.36 BBLS, 18% OIL, TEST GAS @ 980 MCFPD

1 HR FLOW - REC. - 4.36 BBLS, 21% OIL, TEST GAS @ 937 MCFPD

NOTE: (WE HAVE RECOVERED 164.72 BBLS OF 423 BBLS.

FRAC LOAD @ THIS POINT = 39% LOAD RECOVERY.

WE ARE NO LONGER FLOWING ANY FRAC SAND.)

SHUT DOWN FOR DAY, BUT LEFT FLOWING TO FRAC TANK OVERNIGHT.

3/20/03 -

FCP - 39#

22 HR FLOW - WELL PRODUCED 60 BBLs = 2.72 BTFPH.
 WELL PRODUCING 100% OIL THIS MORNING.
 TEST GAS @ 754 MCFPD.

CONTINUE TESTING MISSISSIPPI & KINDERHOOK
 PERFORATIONS AS FOLLOWS:

1 HR FLOW - REC. - 1.16 BBLs, 100% OIL, TEST GAS @ 802 MCFPD
1 HR FLOW - REC. - 1.16 BBLs, 100% OIL, TEST GAS @ 802 MCFPD
1 HR FLOW - REC. - 1.16 BBLs, 100% OIL, TEST GAS @ 802 MCFPD

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WE HAVE RECOVERED 228.20 BBLs OF 423 BBL FRAC LOAD @ THIS POINT.
 SHUT DOWN FOR DAY, COULD NOT GET KILL TRUCK IN LOCATION.

3/21/03 -

SICP - 990#

SBHP - CALCULATES 1140# (THIS IS PESSIMISTIC, FIGURING NO FLUID.)

ACID SERVICES ON LOCATION. PUMP 70 BBLs WELL BRINE TO KILL WELL.

COMANCHE CHECKED TTL DEPTH @ 4610'.

NOTE: HAVE 41' SAND FILL-UP: NEED TO CLEAN OUT.

ATTEMPT TO CLEAN OUT WELL BORE w/ SAND PUMP w/ NO SUCCESS.
 SDFN.

3/22/03 -

TR SERVICES ON LOCATION w/ BULL DOG BAILER.

RIH - w/ BAILER & TBG

CLEAN OUT WELL BORE TO 4651'

POOH - w/ TUBING AND BULL DOG BAILER.

SHUT DOWN FOR WEEKEND.

3/24/03 -

COMANCHE RIGGED TO RUN PRODUCTION TUBING.

RAN PRODUCTION TUBING AS FOLLOWS:

MUD ANCHOR x 2 3/8"	15.00'
SEATING NIPPLE x 2 3/8"	1.10'
149 JTS 2 3/8" TUBING	4620.04'
K.B. (5' < 2' ABOVE G.L.)	3.00'
TBG SET @	4639.14'
S.N. SET @	4624.14'

TAG TTL DEPTH @ 4651'. PICK UP & SET TBG 12' OFF BOTTOM.

ORIGINAL

3/24/03 CONTINUED -

COMANCHE RIGGED TO RUN BOTTOM HOLE PUMP & RODS.

RAN PUMP AND RODS AS FOLLOWS:

2" x 1½" x 12' RWTC w/ 6' GAS ANCHOR	14.00'
2' x ¾" SUB	2.00'
183 - ¾" RODS	4575.00'
1¼" x 22' POLISH ROD w/ 8' LINER	22.00'
PUMP SET @	4624.14'

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COMANCHE SPACED PUMP OUT, CLAMP RODS OFF.
RIGGED DOWN & MOVED OFF LOCATION.

NOTE: (BRUCE BATTENFIELD w/ ONEOK PIPELINE HAS BEEN NOTIFIED. WILL SET SURFACE EQUIPMENT & TILE INTO GAS PIPELINE ASAP.)

3/25/03 - 4/3/03 -

KANSA DIRT ON LOCATION, BUILT PUMPING UNIT GRADE TO SOUTH OF WELL.
BUILT TANK BATTERY GRADE @ ROAD NORTH OF WELL.

SIOUX TRUCKING, STREMMEL SERVICES & SHAWNEE ROUSTABOUT SERVICES ON LOCATION TO SET SURFACE EQUIPMENT AS FOLLOWS:

AMERICAN-144 PUMPING UNIT S.N.- D114129 FROM OSBORNE
CONT. C-66 ENGINE FROM OSBORNE
4' x 20' HEATER TREATER FROM PEPPARD 2-21
12' x 10' 200 BBL STEEL STOCK TANK FROM OSBORNE
12' x 6' 200 BBL FIBERGLASS WATER TANK FROM PEPPARD 2-21
24" x 5' VERTICAL, 125# WP, SEPARATOR FROM OSBORNE
SAVER 24" x 6' LINE HEATER FROM OSBORNE

SHAWNEE SERVICES HOOKED UP WELL HEAD. DITCHED & LAYED APPROX 300' LEAD LINE. LAY 2 3/8" STEEL TBG FOR SINGLE WELL HEAD.

WELL IS CURRENTLY COMPLETE AND WAITING ON ONEOK GAS HOOK UP FOR SALES.

END OF REPORT
BRAD SIROKY