

Operator Name: Phoenix Kansas Energy, LLC. Lease Name: Riley Well #: PO-70

Sec. 35 Twp. 23 s R 16 East West

Instructions: Show important tops and base formations penetrated. Detail all cores. Report all final copies of drill stems test giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressure, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with the 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum <p style="text-align: center;">See Attached Logs</p>
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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 Used	# Sacks Used	Types and Percent Additives
Surface	10 5/8"	7"		44.40'	Portland	10	
Production	5 5/8"	2 7/8"		1067.5'	Portland	125	

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
2 shots/foot	1002'-1010'	150 gals. 15% HCl	
		200 lbs. 20/40 mesh sand	
		1800 lbs. 12/20 mesh sand	
		100 lbs. salt	

TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas	Method of Completion	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	<input type="checkbox"/> Other (Specify)

Kelly Down Drilling Co., Inc.

ORIGINAL **K. W. Laymon**

Drilling Contractor
&
Oil Producer

Route 1

Neosho Falls, Kansas 66758

Phone: (316) 963-2495

July 10, 2000

TOCO, LLC
PO Box 425
Chanute, KS. 66720

Riley PO-70
API # 15-207-26626
Spudding Date: 07/06/00
Completion Date: 07/10/00
Wo Co, KS Elev. 1035.7'
Sec. 35 Twp. 23S, Rng. 16E

RECEIVED
STATE CORPORATION COMMISSION

Soil & Clay	0 - 17
Shale	17 - 146
Lime	146 - 152
Shale	152 - 160
Lime & Shale	160 - 559
Lime	559 - 612
Big Shale	612 - 775
Lime & Shale	775 - 944
Shale	944 - 995.5
1st Cap Rock	995.5 - 996.5
Shale	996.5 - 999
2nd Cap Rock	999 - 1000
Sand	1000 - 1011
Shale	1011 - 1070
Total Depth	1070

AUG 14 2000

CONSERVATION DIVISION
Wichita, Kansas

Set 44.40' of 7" surface pipe.
Cemented w/10 sks cement.
Core I 1000' - 1017', recovered 17'.
Ran 1067.5' of 2 7/8" 10 rd pipe.

ORIGINAL

CONSOLIDATED INDUSTRIAL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 or 800-467-8676

TICKET NUMBER 07404

LOCATION Ottawa

FOREMAN Alan Mader

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
7-11-00	6920	Riley-PO#70		35	23	16	WO.	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE		ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	5 7/8
TOTAL DEPTH	1070'
CASING SIZE	2 7/8
CASING DEPTH	1060
CASING WEIGHT	
CASING CONDITION	pin at 1045
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	RECEIVED STATE CORPORATION COMMISSION
PACKER DEPTH	AUG 14 2000
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	CONSERVATION DIVISION Wichita, Kansas
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB

JOB SUMMARY

DESCRIPTION OF JOB EVENTS: Established circulation. Mixed & pumped 25x gel followed by app 10 bbls clean water. Mixed & pumped 2 bbls dye followed by 125 sy Portland A, 5% salt, 2% gel. Circulated dye to surface. Flushed pump clean. Pumped 2 1/2 rubber plugs to pin at 1045'. Well held 700# PST. Closed valve. Cement was also 1% fly seal.

Alan Mader

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE x PRESSURE x 40.8	

AUTHORIZATION TO PROCEED

TITLE

DATE

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.

NSCOW 15100

ORIGINAL

CONSOLIDATED INDUSTRIAL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 OR 800-467-8676

TICKET NUMBER 4303

LOCATION Ottawa

FIELD TICKET

DATE	CUSTOMER ACCT #	WELL NAME #	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
7-11-00	6920	Riley MO #10		35	23	16	W0	
CHARGE TO <u>TOLCO LLC</u>				OWNER				
MAILING ADDRESS <u>536 N Highland</u>				OPERATOR <u>Ken Dgle</u>				
CITY & STATE <u>Chanute KS. 66720</u>				CONTRACTOR <u>Kelley Down</u>				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401.20	1	PUMP CHARGE Cement one well		475 ⁰⁰
5402.20	1060	Casing footage	.12	127 ²⁰
		HYDRAULIC HORSE POWER		
1115.10	5	premium gel	10 ²⁰	52 ⁵⁰
1107.10	1	flaseal	33 ⁵⁵	33 ⁵⁵
1111.10	313#	granulated salt	.20	62 ⁶⁰
4402.20	1	2 1/2 rubber plug		15 ⁰⁰
4151.25	.129	Fuel surcharge	.10	12 ⁹⁰
		RECEIVED trucks X 43 miles		
		STATE CORPORATION COMMISSION		
		AUG 14 2000		
		CONSERVATION DIVISION Wichita, Kansas		
		TAX	6.4 ⁰⁰	76 ⁰⁰
		STAND BY TIME		
		MILEAGE		
		WATER TRANSPORTS		
5502.10	3	VACUUM TRUCKS	60 ⁰⁰	180 ⁰⁰
		FRAC SAND		
1104.10	125	CEMENT, Portland A	8 ²⁰	1025 ⁰⁰
		NITROGEN		
5407.10	minimum	TON-MILES		150 ⁰⁰
		ESTIMATED TOTAL		2209 ⁸³

NSCO #15097

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN Alan Mader

CUSTOMER or AGENT (PLEASE PRINT)

DATE 7-11-00

168218

ORIGINAL

CONSOLIDATED INDUSTRIAL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 OR 800-467-8676

TICKET NUMBER 13281

LOCATION Vernon #2 E 21 N - 4

FOREMAN Jerry Lester

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
8-3-00		0149 # 90.70					W0	SRU
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	
TOTAL DEPTH	
CASING SIZE	8 1/2 10
CASING DEPTH	
CASING WEIGHT	RECEIVED
CASING CONDITION	STATE CORPORATION COMMISSION
TUBING SIZE	
TUBING DEPTH	AUG 14 2000
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	Wichita, Kansas
PERFORATIONS	1002-10
SHOTS/FT	17.34
OPEN HOLE	
TREATMENT VIA	Casing

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input checked="" type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
SURFACE PIPE	THEORETICAL	INSTRUCTED
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB: Spot 150 gal 15% HCL - Break down and stage acid - establish max rate - No Pad - 200# 20/40 - 800# 12/20 - RS - 1,000# 12/20 - flushed to perfs plus 5 Bbl over.

JOB SUMMARY

DESCRIPTION OF JOB EVENTS: Spotted 150 gal 15% HCL - broke down and staged acid - established max rate - No Pad - 200# 20/40 - 800# 12/20 - 100# RS - 1,000# 12/20 - flushed to perfs plus 5 Bbl over.

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	3,000 psi
FINAL DISPLACEMENT	2100 psi
ANNULUS	
MAXIMUM	3,200 psi
MINIMUM	1,500 psi
AVERAGE	
ISIP	650 psi
5 MIN SIP	200 psi
15 MIN SIP	

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	16
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED TITLE DATE

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.

CONSOLIDATED

INDUSTRIAL SERVICES

AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 OR 800-467-8676

ORIGINAL

TICKET NUMBER **16537**

LOCATION Vernon-1 1/2 E-1N
3/4 E-N side

2 of 2

FIELD TICKET

DATE 8-3-00	CUSTOMER ACCT # 6920	WELL NAME Riley # PW 12	QTR/QTR	SECTION	TWP	RGE	COUNTY WO	FORMATION 580.
CHARGE TO TOCO LLC		OWNER						
MAILING ADDRESS		OPERATOR						
CITY & STATE		CONTRACTOR						

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5106	7	PUMP CHARGE 1300 HP HYDRAULIC HORSE POWER	850. ⁰⁰ <i>Per Well</i>	5950. ⁰⁰
<p>RECEIVED STATE CORPORATION COMMISSION AUG 14 2000 CONSERVATION DIVISION Wichita, Kansas</p>				
5302	7	Acid Spots		1400. ⁰⁰
3107	950 gal.	15% HCL		712. ⁵⁰
1208	2 gts.	Breaker		65. ⁰⁰
1227	550 #	Rock salt		82. ⁵⁰
1231	350 #	Frac Gel		1207. ⁵⁰
STAND BY TIME				
MILEAGE				
5501	12 hrs.	WATER TRANSPORTS		780. ⁰⁰
VACUUM TRUCKS				
2101	14 sx	FRAC SAND 20/40		112. ⁰⁰
2102	63 sx	12/20		693. ⁰⁰
CEMENT				
NITROGEN				
5109	42 mi	TON-MILES		175. ⁰⁰
ESTIMATED TOTAL				11,177. ⁵⁰

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN

CUSTOMER or AGENT (PLEASE PRINT)

DATE

Jerry Luster

168536