

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 151-22160 0000

County Pratt County, Kansas

SE - SE - NE - Sec. 12 Twp. 26 Rge. 12 XX W

2970 Feet from S (circle one) Line of Section

430 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)

Lease Name Lenni Well # 1

Field Name Stark

Producing Formation Mississippian Ght & Viola

Elevation: Ground 1857' KB 1865'

Total Depth 4350' PBDT

Amount of Surface Pipe Set and Cemented at 278' Feet

Multiple Stage Cementing Coliar Used? X Yes No

If yes, show depth set 2000' Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan AH-1, 6-5-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbl/s

Dewatering method used

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

 Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 31465

Name: Lyons & Lyons, Inc.

Address P.O. Box 14148

City/State/Zip Tulsa, Oklahoma 74119-4148

Purchaser:

Operator Contact Person: Trevor Lyons

Phone (918) 587-2497

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: None

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:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

02-07-98 02-12-98 02-13-98

Spud Date Date Reached TD Completion Date

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 on 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 Trevor M. Lyons

Title PRESIDENT Date 4/7/98

Subscribed and sworn to before me this 7 day of April 19 98.

Notary Public Philip V Steyer

Date Commission Expires 6-11-2000

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

OK 96009316

Operator Name Lyons & Lyons Inc.

Lease Name Lenni Well # 1

Sec. 12 Twp. 26 Rge. 12
 East
 West

County Pratt County, Kansas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
(Attach Additional Sheets.)
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
(Submit Copy.)
List All E.Logs Run:
Acoustic cement bond log
Dual spaced neutron log

Name	Formation (Top), Depth and Datum	
	Top	Datum
Lansing	3590	-1726
Mississippian Cht	3986	-2122
Viola	4139	-2275

CASING RECORD <input 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
Surface	14-3/4"	10-3/4"	32#	278'	60/40 Poz	235	3%cc 2%gel
Production	7-7/8"	4-1/2"	10.5#	4345'	Class A	175&240 175&240	2%cc 1/4#/sk floseal

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	
	4	4141-4145		Acid 500 gal 15% HCl
4	3995-4002		Acid 500 gal 15% HCl;	
			2000 gal SGA	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	4170'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.		Producing Method			
2/23/98		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil 7 Bbls.	Gas 15 Mcf	Water 165 Bbls.	Gas-Oil Ratio	Gravity

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

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

Production Interval: 4141-4145'
3995-4002'



HALLIBURTON ENERGY SERVICES

1906-Q

CHARGE TO:

LYONS & LYONS, INC.

ADDRESS

1519 S. BALTIMORE

CITY, STATE, ZIP CODE

TULSA, OK. 74119

No.

TICKET

394631 - 6

PAGE 1 OF 2

1. SERVICE LOCATIONS PRATT, OK 75555	WELL/PROJECT NO. #1	LEASE LENNI	COUNTY/PARISH PRATT	STATE OK	CITY/OFFSHORE LOCATION	DATE 2-13-98	OWNER SHAME
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR DUKE DRIL	RIG NAME/NO #2	SHIPPED VIA PT	DELIVERED TO WELL SITE	ORDER NO.	
3. WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 035	WELL PERMIT NO.	WELL LOCATION LITWD 12-265-12W			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
			LOC	ACCT	DF		U/M	U/M		
	000-117		1			MILEAGE 1 UNIT R.T.	20	miles	365	73.00
	000-119					CREW MILEAGE R.T.	20	miles	215	43.00
	007-013	001-016				PUMP CHANGE 1 ST STAGE	4	HRS 4315 FT.	2181.00	2181.00
	007-161					PUMP CHANGE 2 ND STAGE	PER UNIT		1875.00	1875.00
	000-150					ENVIRONMENTAL SURCHARGE PER JOB			55.00	55.00
	018-315					WINDFLUSH	500	gal	83	415.00
	018-303					CEMENTFIX TL	2	gal.	30.50	61.00
	71	813.56125				ES CEMENTAL TYPE P	1	EN 4 1/2 in.	3281.00	3281.00
	75	813.16410				FREE FALL PLUG SET	1	EN "	1108.30	1108.30
	595	809.81300				LATCH DOWN SHUTOFF PLUG	1	EN "	515.00	515.00
	596	801.03734				LATCH DOWN BAFFLE	1	EN "	116.00	116.00
	350	890.10802				HALLIBURTON WELD-A	1	EN "	18.43	18.43
						BILL TICKET #100204				8270.01

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

X *[Signature]*
DATE SIGNED **2-13-98** TIME SIGNED **09:45**

do do not require IPC (Instrument Protection) Not offered

TYPE LOCK	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN			PAGE TOTAL 17032.44 17933.44
BEAN SIZE	TYPE OF EQUALIZING SUB.	CASING PRESSURE		
DEPTH	TUBING SIZE	TUBING PRESSURE	WELL DEPTH	FROM CONTINUATION PAGE(S)
SPACERS	TREE CONNECTION	TYPE VALVE		SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) PAUL STEPHENS	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>[Signature]</i>	HALLIBURTON OPERATOR/ENGINEER KEVIN P. BOURNEY 08500	EMP #	HALLIBURTON APPROVAL <i>[Signature]</i>
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TICKET #	31463	TICKET DATE	2-13-98
BDA / STATE	MS	COUNTY	Jefferson
PSL DEPARTMENT	Production		
CUSTOMER REP / PHONE	7-324-2000		
API / UWI #	RECEIVED		
JOB PURPOSE CODE	MMSAS-CORP COMM		
1998 APR -9 12:25			

REGION	North America	NW/COUNTRY	USA
MBU ID / EMP #	0850	EMPLOYEE NAME	Robert Holder
LOCATION	MS	COMPANY	Halliburton
TICKET AMOUNT		WELL TYPE	Oil
WELL LOCATION		DEPARTMENT	Production
LEASE / WELL	Lease #1	SEC / TWP / RNG	12-26-12-2

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
1	2230							Called out 2-12-98
	0100							On location 2-13-98
								Run 111 JTS. 4 1/2" ID# casing - 4345'
								Run float shoe, latch down baffle in 12" collar.
								Centralizer - 2-8-20-61-89-101
								Basket - 59-88-102
								D.U. on #60 at 1987' from surface.
								Tag bottom, drop ball, break circ. with mud pump set casing 4' off bottom.
								1 st stage
								Hook up Howco to casing
	0407	6	20			250		Pump 20 bbl. CLAYFIX H ₂ O
		6	12					Pump 12 bbl. MUDFLUSH
		6	3					Pump 3 bbl. H ₂ O SPACER
	0415	6	0					START MIX CEMENT
								(175 SLS. MIDCON II 2%OC 1 1/2" FLOE/6" GULSON)
	0423	6	47			200		FINISH MIX CEMENT
								SHUT DOWN - WASH LINE & RELEASE PLUG
	0426	7	0			100		START H ₂ O DISP.
		6	38			300		START MUD DISP.
		4	60			560		SLOW RATE
	0437	4	68.8			1100		PLUG DOWN
								RELEASE PSI - PLUG HELD
								DROP D.U. OPENING PLUG - WAIT ON
	0450	1	1			1350		OPEN D.U. TOOL
	0500							REG MUD PUMP CIRC. 4 HOURS
								2 nd stage
								Hook up Howco to casing
2	0805		5			200		Pump 5 bbl. H ₂ O
			0			200		START MIX CEMENT
								(240 SLS. MIDCON II 3%OC 1 1/2" FLOE/6"
	0840		131			200		FINISH MIX CEMENT
								SHUT DOWN - WASH LINE & RELEASE PLUG
	0842		0			100		START DISP
			20			250		SLOW RATE
			25			300		SLOW RATE
	0852					1500		PLUG DOWN - CLOSE D.U. TOOL
								RELEASE PSI - D.U. CLOSED
								WASH UP - PACK UP
								JOB COMPLETE
								THANKS. RETURN CIRC. CONTROL

1000' PLUG NOT HELD & MUDSE HOLD 25 SLS.

DID NOT



JOB SUMMARY

TICKET # **394631** TICKET DATE **2-13-98**

REGION North America	NW/COUNTRY MID CONT. USH	BDA / STATE KS.	COUNTY PHILL.
MBU ID# EMP # 170502 08500	EMPLOYEE NAME DEVON GORDNEY	PSL DEPARTMENT CEMENT	
LOCATION PHILL, KS.	COMPANY LYONS & LYONS, INC.	CUSTOMER REP / PHONE RECEIVED P. STEVEN'S	
TICKET AMOUNT 17433.44	WELL TYPE 01	APPLY UWI# AS CORP COMM	
WELL LOCATION IN PRESTON, KS.	DEPARTMENT CEMENT	JOB PURPOSE CODE 1998 APR-9 012-25 035	
LEASE / WELL # LENNI #1	SEC / TWP / RNG 12-26S-12W		

HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS
B. GORDNEY 08500	C. MESICK 45314	T. ROMANIO 51209	ORIGINAL

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
51936	20	51936	20	4675-5621	20		

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	2-12	2-13	2-13	2-13
TIME	2230	0100	0400	1000

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe	1	HOWCO
Guide Shoe		
Centralizers	6	COMP
Bottom Plug	1	HOWCO
Top Plug	1	HOWCO
Head	1	HOWCO
Packer	1	HOWCO
Other	3	COMP

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	U	182	4 1/2	KB	4346	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole			1 7/8	4346	4350	SHOTS/FT.
Perforations	D.V. TOOL ON		50WPT	#60	AT 1987'	
Perforations						
Perforations						

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perpac Balls	Qty.	
Other	2 gallon HADFLUSH	
Other	500 gallon HADFLUSH	

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
TOTAL		TOTAL		

ORDERED	HYDRAULIC HORSEPOWER	Used
	Avail.	
TREATED	AVERAGE RATES IN BPM	Overall
	Disp.	
FEET 15	CEMENT LEFT IN PIPE	Reason LATCH DOWN BAFFLE

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	175	MIDCONT B	B	2% C.C., 1/4 #/SK FLOCCLE, 5 #/SK GILSONITE	1.51	14.3
2	240	MIDCONT B	B	3% C.C., 1/2 #/SK FLOCCLE	3.07	11.3

Circulating	Displacement	Preflush:	Gal 20	Type HADFLUSH
Breakdown	Maximum	Load & Bkdn:	Gal - BBI	Pad: BBI - Gal
Average	Frac Gradient	Treatment	Gal - BBI	Disp: BBI - Gal 28.8
Shut In: Instant	5 Min _____ 15 Min _____	Cement Slurr	Gal 47-15	131-200
		Total Volume	Gal - BBI	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE _____

ORIGINAL



HALLIBURTON

RECEIVED
KANSAS CORP COMM

Halliburton Energy Services 12 25

DATE:02-12-1998

TIME:17:11:18

SERVICE TICKET:

394631

PRATT-25555

BULK TICKET ONLY: 100204

JOB PURPOSE:LONG STRING

COMPANY TRUCK::5621 DRIVER: T.DOMANN

CUSTOMER: LYONS & LYONS

LEASE & WELL#:LENNI #1

504-280	MIDCON CEMENT	STANDARD	415	SKS.	14.17	5880.55
507-210	FLOCELE		164	LBS.	2.09	342.76
508-291	GILSONITE		875	LBS.	0.58	507.50
509-406	CALCIUM CHLORIDE		10	SKS.	46.90	469.00
500-207	SERVICE CHARGES		485	CU FT	1.66	805.10
						TOTAL 8004.91
500-306	WEIGHT: 42416	MILES: 10	TON MILES: 212.08	1.25		265.10
						TOTAL BOOK PRICE OF BULK TICKET: \$ 8270.01

500-225 RETURN SERVICE CHARGES _____ CU FT 1.66

500-306 WEIGHT: _____ RETURN MILES: 10 TON MILES: _____ 1.25