

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

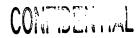
WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Country: Mortgomery Country: Mortgomery Country: Mortgomery Sw.	Operator: License # 33365	API No. 15 - 205-26073 - 00- 00
Address: 1900 Shawnee Mission Parkway Cliy/Stato/2p. Mission Woods, KS 68205 Cliy/Stato/2p. Mission Woods, KS 68205 Cliy/Stato/2p. Mission Woods, KS 68205 Contractor: Mane. Thorton Air Centractor: Name. Thorton Air Centractor: Name. Thorton Air Centractor: Name. Thorton Air Designate Type of Completion: Very New Well Re-Entry Workover Oil SWD SIOW Temp. AboreCEIVED Vass ENHR SIGW KANSAS CORPORATION COMMISSION Dry Other (Core, WSW, Expl., Cathodic, REV 0 3 2006 Well Anne: Constance Contact Piese St and Cemented at 20' Feet WorkoverRe-entry: Old Well Info as follows: Constance Contact Piese St and Cemented at 20' Feet WorkoverRe-entry: Old Well Info as follows: Constance Constance Contact Vision State Piese St and Cemented at 20' Feet WorkoverRe-entry: Old Well Info as follows: Constance Constance Contact Vision State Piese St and Cemented at 20' Feet Workfith, IS Well Name: Constance Constance Contact Vision State Piese St and Cemented at 20' Feet Workfith, IS Well Name: Constance Constance Piese St and Cemented at 20' Feet Workfith, IS Workfith, IS Despening Re-pert. Conv. to Entr./SWD Plug Back Total Depth: Despening Re-pert. Committed Docket No. Dual Completion Docket No. Dual Completion Docket No. Other (SWD or Entr.?) Docket No. Dates Reached TD Completion Dote or Recompletion Date or Recom		
City/StataZip: Mission Woods, KS 66205	1900 Shawnee Mission Parkway	•
Purchaser:	Address:	
Poncing 1913 748-3987 748	•	
Phone: (913		
Lease Name: Davidson Section S		
Field Manna: Cherokee Sasin Coal		Lease Name: Davidson Well #: 15-36
Welfsite Geologist: Designate Type of Completion: ✓ New Well Ro-Entry Workover Oil SWD SIOW Temp. AND CECEIVED KANSAS CORPORATION COMMISSION Dry Other (Core, WSW, Expl., Cathodic, NOV 0 3 2005 If Workover/Re-entry: Old Well Info as follows: CONSENATION DIVIS WICHITA, KS Original Total Depth: 1473' More Pips Back Total Depth: 1473' Total Depth: 1488' Pips Back Total Depth: 1473' Despening Comp. Date: CONSENATION DIVIS WICHITA, KS Original Comp. Date: W. 150 Despening Re-perf. Corw. to Entr./SWD Plug Back Total Depth: Despening Re-perf. Corw. to Entr./SWD Plug Back Docket No. Docket No. Docket No. Date Completion Docket No. Date Recompletion 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 coordinantially in excess of 12 months). One copy of all writerine logs and geologist well reports shall be attached with the form (see rule 82-3-107 coordinantially in excess of 12 months). One copy of all writerine logs and geologist well reports shall be attached with the form (see rule 82-3-107 coordinantially in excess of 12 months). One copy of all writerine logs and geologist well reports shall be attached with the form (see rule 82-3-107 coordinantially in excess of 12 months). One copy of all writerine logs and geologist well reports shall be attached with the form (see rule 82-3-107 coordinantially in excess of 12 months). One copy of all writerine logs and geologist well reports shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 from with all supports with all temperative been fully complied with and the statements herein are complete and correct to the best of my knowledge. KCC Office Use ONLY Wireline Log Received		Field Name: Cherokee Basin Coal
Designate Type of Completion: New Well		Producing Formation: Cherokee Coals
Total Depth: 1488' Plug Back Total Depth: 1473' Amount of Surface Pipe Set and Comented at 20' Feet Gas		Elevation: Ground: 931' Kelly Bushing:
Amount of Surface Pipe Set and Cemented at 20' Feet Gas		Total Depth: 1488' Plug Back Total Depth: 1473'
This continuity of the statutes of the statutes. The statutes of the statutes of the statutes of the statutes. The statutes of the statutes. The statutes of the statutes. The statutes of the statutes of the statutes of the statutes. The statutes of the statutes of the statutes of the statutes. The statutes of the statutes of the statutes of the statutes. The statutes of the statutes of the statutes of the statutes. The statutes of the statutes of the statutes of the statutes. The statutes of the statutes of the statutes of the statutes of the statutes. The statutes of the statutes. The statutes of t		Amount of Surface Pipe Set and Cemented at 20' Feet
Dry	✓ Gas ENHR SIGW VAS CORPODATION	Multiple Stage Cementing Collar Used?
Operator: CONSERVATION DIVIS Operator: WICHITA KS Original Comp. Date: Original Comp. Date: Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to Entr/SWD Plug Back Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. Date Reached TD Completion Date or Recompletion Date or Recompletion Date or Recompletion Date or Recompletion 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 or confidentiality in excess of 12 months). One copy of all wirefine logs and geologist well report shall be entry bate or recomplete and correct to the best of my knowledge. Signature: Date: INSTRUCTIONS: An original and two copies 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 wirefine 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: Date: III.2 / 05 Wireline Log Received Geologist Report Received UIC Distribution	Other (Core, WSW, Expl., Cathodic, NOV 0 3 20	If yes, show depth set reet
Original Comp. Date:Original Total Depth:	If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Original Comp. Date:Original Total Depth:	Operator: CONSERVATION DIV	ISION eet depth to Sunds W/ 15/04 - \$15/04
Deepening	Well Name:	Drilling Fluid Management Plan
Plug Back		
		1
Dual Completion Docket No		Dewatering method used N/A - Air Dπilled
Other (SWD or Enhr.?) Docket No. Titl2005		Location of fluid disposal if hauled offsite:
Lease Name:License No.:	•	Operator Name:
T/T/2005 T/11/2005 Date Reached TD Date	Other (SWD or Enhr.?) Docket No.	Lease Name: License 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: County: Docket No.:		
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: Date: Date: Date: Date: Date: Date: Date: Wireline Log Received Geologist Report Received UIC Distribution	Opud Buto of	
Signature: MR Nathan Notary Public: MR Nathan	Kansas 67202, within 120 days of the spud date, recompletion, worko Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well All requirements of the statutes, rules and regulations promulgated to regu	over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-25 and geologist well report shall be attached with this form. ALL CEMENTING IIs. Submit CP-111 form with all temporarily abandoned wells.
Subscribed and sworn to before me this 2 day of November Notary Public: MALL. Date: 11/2/05 Letter of Confidentiality Attached If Denied, Yes Date:	MR Nathan	KCC Office Use ONLY
Subscribed and sworn to before me this 2 day of Navember, 20 Cls Notary Public: Use Alexandre Mireline Log Received Geologist Report Received UIC Distribution		LKS Latter of Confidentiality Attached
Subscribed and sworn to before me this	nd 1/	
20 Geologist Report Received UiC Distribution		· .
Notary Public: UIC Distribution	20 05	
	Notary Public: Male	







ORIGINAL 15-36

Operator Name: <u>Layr</u> Sec. 36 Twp. 30		ting, LLC		Count	- N	avidson AL omery		_ Well #: 15-3	36 7	
NSTRUCTIONS: She ested, time tool open emperature, fluid rec	ow important tops at and closed, flowing overy, and flow rates	nd base of and shut- if gas to s	formations pe in pressures, v surface test, al	whether sl ong with 1	hut-in pre:	ssure reached :	static level, hydro	static pressure	es, bottom	noie
Orill Stem Tests Taker	า	☐ Ye	s √ No		⊘ Lo	g Formation	on (Top), Depth a	and Datum	_ Sa	mple
(Attach Additional S	Sheets)	_			Name	•		Тор	Da	tum
samples Sent to Geo	logical Survey	∐ Ye			Pawi	nee Lime		889 GL	42	•
ores Taken lectric Log Run		∐ Ye [∕] Ye				llo Shale		1012 GL	-8°	1
(Submit Copy)			- <u>L</u>					1012 GL	-14	_
ist All E. Logs Run:					V Sh	ale			•	
Compensated De	ensity Neutron				Mine	ral Coal		1126 GL	-19	-
Dual Induction	·				Miss	issippian		1399 GL	-40	68
			• • • • • • • • • • • • • • • • • • • •	RECORD	✓ Ne	w Used	tion etc			
Burness of String	Size Hole	Siz	e Casing	We	eight	Setting	Type of	# Sacjs		d Percent
Purpose of String	Drilled		(In O.D.)	· · · · · · · · · · · · · · · · · · ·	. / Ft.	Depth	Class A	Used 4		cement
Surface	11	8.65		24		1484'	Thick Set	150	Type I	Cement
Casing	6.75	4.5		10.5		1404	THICK GET	130		
		<u></u>	ADDITIONAL	CEMENT	'ING / SQL	JEEZE RECORI)		.:	-
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sack	s Used		Type and	Percent Additive	S	
Shots Per Foot	Specify	ON RECOF	ID - Bridge Pluç Each Interval Per	gs Set/Type forated	KANSAS	RECEIVI		nt Squeeze Reco daterial Used)	and T	Depth
	See Attached				-	NOA 0 3			-	
					С	NSERVATION WICHITA,	ks Division			
				D1-		Lines Dura				
TUBING RECORD 2	Size 3/8"	Set At 1397'		Packer	AI	Liner Run	Yes V	0		
Date of First, Resumer	rd Production, SWD or I	Enhr.	Producing Met	thod	Flowin	g 🗹 Pump	ing Gas L	.ift Ott	ner (Explain)	
Estimated Production Per 24 Hours	Oil O	Bbls.	Gas 24	Mcf	Wat 107	er I	Bbls.	Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF	COMPLETION	L			Production Inte	erval		; .	
Vented ✓ Sold	Used on Lease		Open Hole	✓ Pe	erf.	Dually Comp.	✓ Commingled		:	

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Davidson 15-36		
	Sec. 36 Twp. 30S Rng. 14E, Montgomery County		
API:	15-205-26073		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1378.5-1379.5, 1198.5-1201.5, 1182-1188, 1126- 1127.5	Riverton, Weir, Tebo, Mineral - 2,000gal 15% HCL + 495 bbls water + 5,700# 20/40 Sand	1126-1379.5
4	1080.5-1084.5, 1061-1063.5, 1011.5-1016.5, 996- 998.5, 887-888	Croweberg, Bevier, Mulkey, Summit, Mulberry - 2620gal 15% HCL + 586 bbls water + 7800# 20/40 Sand	887-1084.5

RECEIVED: KANSAS CORPORATION COMMISSION NOV 0 3 2005

CONSERVATION DIVISION WICHITA, KS

			MORNING COA	APLETION REPO	RT			
Report Called in by:	: JE3		1	Report taken by:	KRD			
EASE NAME & #		TAFES DATE		DAYS	CIBP	PBTD		
				4	DEPTH	TYPE FLUID		
AVIDSON 16-36		<u> </u>	7/7/2005	1	ITTPE	wr		
RESENT OPERATI	ON:		DRILL OUT	ROM UNDER SU	JRFACE	V18		
EEPEST CASING	LINERS OD TOP & SHO	E DEPTH	REPAIR DOWN		CONTRACTOR ME	OKAT		
D SHOE CEPTH					RIG NO BILLY	····		
	8 6/8" 24# J-55 — Set 20			PERFS	SQUEE	ZED OR PLUG BACK PERFS		
PACKER OR ANCHOR	FISHING TOOLS	QD ID		70		TO		
				TO		TQ		
				го		TO TO		
				то				
HRS	BRIEF DESCRIPTION	ON OF OPER	RATION					
	MIRU MOKAT DRI	LLING, DRIL	LED 11" HOLE, 20	DEEP, RIH W/ 1	JT 8 5/8" SURFACE CAS	ING,		
								
	MIXED 4 SXS TYPE	E 4 CEMENT	DUMPED DAITH	E BACKSIDE SO	DEN			
	MIXED 4 SAS TYPE	E I CEMENT	, DOMPED DIV III	L DAOROIDE, 02	<u></u>			
								
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				Į.a.				
				KANSASOO	ECEIVED			
					RECEIVED RECEIVED RECEIVED			
	NOV 0 3 2005							
				CONSER	WATION DIVISION			
				W	ICHITA, KS			
DAILY COST ANAI	VCIQ							
DIGET COOT FOOT	. 7 0.10				DETAILS OF RENTALS	SERVICES, & MISC		
					OKAT DRILLING @ 6.50/			
RIG	· · · · · · · · · · · · · · · · · · ·			<u> </u>		80		
				_	MOKAT (CEMENT)			
SUPERVISIÓN	2	00		F	IRTWORKS (LOC,RD, PI			
				s	SURFACE CASING	200		
RENTALS				<u>L</u>	AND/ LEGAL	2000		
DECANCES	A	00		r				
SERVICES		<u> </u>		F				
				<u> </u>				
MISC	22	80		L.				

2880

DAILY TOTALS

PREVIOUS TCTD

2880

TCTD

CONSOLIDATED OIL WELL SERVICES C. 211 W. 14TH STREET, CHANUTE, KS 66720 626-431-9210 OR 800-467-8676

T ET NUM	MBER	5516
LOCATION_	EUREKA	
FOREMAN	Keyn M	: Cn-

TREATMENT REPORT & FIELD TICKET CEMENT

					•	•		
DATE	CUSTOMER#	WELI	L NAME & NUME	3ER	SECTION	TOWNSHIP	RANGE	COUNTY
7-12-05	4758	DAVIDS	·0~15-3	'6				WILSON
CUSTOMER				i	•			1
LA:	INE ENER	9 V		645 [TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRE		·			445	BICK		
	Box 160			Jones	442	Anthony		
CITY		STATE.	ZIP CODE		434	JUSTIN		
Sycan	nore	15		· [37 10 10 1			
JOB TYPE LON	195tRING	HOLE SIZE	53/4	HOLE DEPTH	1488'	CASING SIZE & W	EIGHT 4/2 /	0,5 * New
CASING DEPTH	14841	DRILL PIPE		TUBING			OTHER PBT	D 1473
						CEMENT LEFT in	CASING	
DISPLACEMENT	DISPLACEMENT 23.5066 DISPLACEMENT PSI 700 MAR PSI 1200 Bump PlugRATE							
REMARKS: 5	AFETY Mee	ting: T	Rigup to	45 CASI	Ng. BREAK	Circulatio	N. W/ 25.	BBL FResh
water.	. Pump 4	sks Gel,	Flush 10	BOL WATE	e SPACER	10 BbL me	tasiLicate	PRE Flush
	WATER. Pump 4 5KS GL Flush, 10 BbL WATER SPACER, 10 BbL METASILICATE PRE Flush, 15 BbL Dye WATER. MIXED 150 SKS THICK SET CEMENT W/ 10# Kol-Seal Perisk @							
13.2 # Perlank yield 1.75. wash out Pump of Lines. Shut down. Release Plug.								
Displace w/ 23.5 Bbl Fresh water. Final Pumping Pressure 700 psi. Bump Plug								
to 1200 PSI. WAIT 2 MINUTES. Release PRESSURE. FIGAT Held. Good Cement								
Returns to SURFACE = 8 BBL STURRY. Job Complete. Rig down.								
				7	, , , , , , , , , , , , , , , , , , , 	7		

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICE	CES RECEIVED	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE KANSA	S CORPORATION COMMISSION	765.00	765.00
5406	25	MILEAGE	NOV 0 3 2005	2.50	62.50
1126 A	150 sks	Thick Set Cement	ONSERVATION DIVISION WICHITA KS	/3.00	1950.00
1110 A	30 sks	KOL-SEAL 10 # Per,	/sk	16.90	507.00
1118 A	4 sks.	Gel flush		6.63	26.52
1111 A	5o #	METASILICATE PRE T	Flush	/ 55 [#]	77.50
5407 A	440 8.25 Tons	25 Miles Bulk TRUC	1)	٠ 92	189-75
		•			
4404	1	4/2 Top Rubber Plug		38.00	38.00
5502 C	434 3 HRS	80 BbL VAC TRUCK		82.00	246.00
1123	3360 9Als	City water		12.20 per	40.99
5605 A	4 HRS	welder		75.00	300.00
4311	1	4' weld on CollAR		48.00	48.00
				Sub Total	4251.26
		Thank You	6.3%	SALES TAX	169.33
				ESTIMATED	211100 KO

AUTHORIZTION CALLED By John Ed

00378

TOTAL 4420.09

DATE___

GEOLOGIC REPORT

LAYNE ENERGY Davidson 15-36 SW ¼, SE ¼, 330' FSL, 2,250' FEL Section 36-T30S-R14E WILSON COUNTY, KANSAS

Drilled: July 7-11, 2005 Logged: July 12, 2005 A.P.I.# 15-205-26073 Ground Elevation: 931' Depth Driller: 1,488' Depth Logger: 1,486'

Surface Casing: 8 ⁵/₈" @ 20' Production Casing: 4 ½" @ 1,484'

Cemented Job: Consolidated

Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

FORMATION	TOPS (in feet belo	ow ground surface)
Lansing Group	•	•
Lenapah Lime	710	
Altamont Lime	751	
Mulberry Coal	887	
Pawnee Lime	889	
Anna Shale	918	
First Oswego Lime	969	
Little Osage Shale	996	
Excello Shale	1,012	RECEIVED
Mulky Coal	1,016	KANSAS CORPORATION COMMISSION
Iron Post Coal	1,061	NOV 0 3 2005
"V" Shale	1,080	1.01 0 3 2003
Croweburg Coal	1,082	CONSERVATION DIVISION
Mineral Coal	1,126	WICHITA, KS
Tebo Coal		
Weir Pitt Coal		
Riverton Coal	1,379	
Mississippian	1,399	