# CONFIDENTIAL

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1
September 1999
Form Must Be Typed

### **WELL COMPLETION FORM** WELL HISTORY - DESCRIPTION OF WELL & LEASE

5/14/10

Operator: License # 33365	API No. 15 - 125-31511-00-00
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	NESE_Sec26Twp32SR16
City/State/Zip: Mission Woods, KS 66205	1865 feet from (S)/ N (circle one) Line of Section
Purchaser:	487 feet from (F) W (circle one) Line of Section
Operator Contact Person: Timothy H. Wright	Footages Calculated from Nearest Outside Section Corner:
Phone: (913 ) 748-3960	(circle one) NE E NW SW
Contractor: Name: McPherson Drilling	Lease Name: Bradley Well #: 9-26
5675	Field Name: Cherokee Basin Coal Area
Wellsite Geologist: CONFIDENTIAL	Producing Formation: Cherokee Coals
Designate Type of Completion: MAY 1 4 2008	Elevation: Ground: 805' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1191' Plug Back Total Depth: 1183'
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 48 Feet
Dry Other (Core, WSW, Expl., Cathodic, etc)	Multiple Stage Cementing Collar Used?  Yes No  If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1183
Operator:	feet depth to Surface w/_ 165sx cmt.
Well Name:	seet deput tosx cmit.
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AHJINJ 6 39-09 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	
Plug Back Plug Back Total Depth	Chloride content N/A ppm Fluid volume bbls
Commingled Docket No	Dewatering method used N/A - Air Drilled .
Dual Completion	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
	Loase Name: License No.:
1/28/2008         1/29/2008         3/14/2008           Spud Date or         Date Reached TD         Completion Date or	Quarter Sec TwpS. R East _ West
Recompletion Date    Date Recompletion Date   Recompletion Date	County: Docket No.:
	·
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING . Submit CP-111 form with all temporarily abandoned wells.
	te the oil and gas industry have been fully complied with and the statements
nerein are complete and correct to the best of my knowledge.	
Signature	KCC Office Use ONLY
Fitle: Agent Date 1/2008	Letter of Confidentiality Attached
Subscribed and sworn to before me this 14 day of May	If Denied, Yes Date: RECEIVED KANSAS CORPORATION COMMIS
0008	Wireline Log Received
Notary Public: Mac Laughlin Darling	MacLAUGHLIN DARLING Notary Fublic - State of Kansas Dutton
Date Commission Expires: 1-4-2009	My Appt Expires 1-4-2009 CONSERVATION DIVISION WICHITA, KS

Operator Name: Layne Energy Operating, LLC		Leas	Lease Name: Bradley			Well #: 9-26		
Sec. 26 Twp. 3	32 S. R. 16	_		ounty: Montgomery				
tested, time tool ope temperature, fluid re	n and closed, flowir covery, and flow rate	and base of formations and shut-in pressues if gas to surface to final geological well	ures, whether s est, along with	hut-in pr	essure reache	d static level, hydi	rostatic pressu	• •
Drill Stem Tests Taken				<b></b> ✓ı	.og Forma	ition (Top), Depth	and Datum	Sample
Samples Sent to Ge	ological Survey	☑ Yes ☐ N	lo	Nan	ie		Тор	Datum
Cores Taken Electric Log Run		☐ Yes   ✓ N ✓ Yes   ☐ N		İ	nee Lime ello Shale		486 GL 634 GL	319 171
(Submit Copy)				V-SI	nale		682 GL	123
List All E. Logs Run:		1521 & A		Min	eral Coal		724 GL	81
Compensated D Dual Induction	ensity Keutobly MAY 14	2003		İ	sissippian		1073 GL	-268
	KC	CAS Report all strings	SING RECORD	✓ Nourface, into		ction, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)		ight / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives
Surface	11"	8.625"	24		48'	Class A	8	Type 1 cement
Casing	6.75"	4.5"	10.5		1183'	Thick Set	165	50/50 posmix w/2% gel
		ADDITIO	NAL CEMENTI	NG / SQL	JEEZE RECOR	D		
Purpose: Depth Type of Cer  — Perforate Top Bottom  Protect Casing — Plug Back TD — Plug Off Zone		Type of Cement	#Sacks	Used		Type and F	Percent Additives	
Shots Per Foot		ON RECORD - Bridge Footage of Each Interva				acture, Shot, Cemen		d Depth
	See Attached P	age						
				:				
TURING RECORD	Cina	0-14						
TUBING RECORD Size Set At 2-3/8" 1127'			Packer A	it.	Liner Run	Yes   ✓ No		
Date of First, Resumero 3/27/2008	Production, SWD or E	inhr. Producing	Method	Flowing	✓ Pump	ing Gas Lil	ft Othe	er (Explain)
Estimated Production Per 24 Hours	0	Bbls. Gas	Mcf	Wate 24			Gas-Oil Ratio	Gravity RECEIVED
Disposition of Gas  Vented Sold  (If vented, Sub	METHOD OF C Used on Lease omit ACO-18.)	Open H			Production Inte	rval  Commingled		ISAS CORPORATION COM  MAY 1 6 2008
	,	Other (S	Specify)					CONSERVATION DIVISIO WICHITA, KS

Operator Name:	Layne Energy Operating, LLC.		T
Lease Name:	Bradley 9-26		
	Sec. 26 Twp. 32S Rng. 16E, Montgomery County		
API:	15-125-31511-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Initial Perforati	ons (March 2008)	
		2600 lbs 20/40 sand	
4	Riverton 1056.5' - 1059'	471 bbls water	1056.5' - 1059'
		530 gals 15% HCl acid	
		2400 lbs 20/40 sand	
4	Rowe 1009' - 1010.5'	173 bbls water	1009' - 1010.5'
		400 gals 15% HCl acid	
		400 lbs 20/40 sand	
4	Croweburg 683' - 685'	120 bbls water	683' - 685'
		800 gals 15% HCl acid	1
	Mulky 635' 639'	8300 lbs 20/40 sand	
4	Mulky 635' - 638' Summit 607.5' - 609.5'	625 bbls water	607.5' - 638'
	Summit 607.5 - 609.5	500 gals 15% HCl acid	



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CONSOLIDATED OIL WELL SERVICES, LLC P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

AUTHORIZATION Called by Jacob

TICKET NUM	BER 13537
LOCATION_	Enceko
FOREMAN	Tray Strickler

#### TREATMENT REPORT & FIELD TICKET **CEMENT**

DATE	CUSTOMER#	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
1-30-08	4158	Bradley 9-26						MB
CUSTOMER			7					
Layne Mailing abdre	Energy			_}	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	ESS		•	Gus	520	Shannon		
ρ.ο.	Rox 160			The	SO2	Hesth		
CITY		STATE	ZIP CODE					
Sugamore	•	Ks						
JOB TYPE LO		HOLE SIZE	634.	HOLE DEPTH	4 <u>/191'</u>	CASING SIZE & W	/EIGHT <u>48/</u>	10.5 New
CASING DEPTH	1185	DRILL PIPE		_ TUBING		***	OTHER	
SLURRY WEIGH	IT <u>/3.9</u> #	SLURRY VOL_	41851	WATER gal/s	k 61"	CEMENT LEFT in	CASING 0'	
DISPLACEMENT	T_/8.860	DISPLACEMEN	NT PSI 600	MIX PSI_//6	o Cap Ply	RATE		·
REMARKS: S	Sets Meetin	a: Ra us	to 4% 1	asing Bo	eak Cicoular	tion w/ 254	(b) water.	
Auro les	ks Gel 1	hed w/	Hulle, 10	au water	, SAW D	ye water.	Mixed 16	5 s <b>ks</b>
50/50	Poz-mix C	ement L	1 2% G	0 2%	Och, 4"	101-Sml 1/2	3" 01-	
14" Floce	k , 5% F	1-110 K	& CAF-3	8 6 15.	9# 10/4	ield 1.40.	wash and	Bear
+ lines.	Release	Plug. D	isplace i	~/ 18.8	BU water	r. Final 1	Purping 1	Acous
600 PST	Bune Pla	e to 110	O PSI. W	sit 2min	s. Release	Acouse.	Floor Hal	4.
	Cement :							
				/	Job	Complete.		<del></del>
		[AND]	1 4 2000		_	•		

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
SYOI		PUMP CHARGE	87 <b>5</b> ₩	<b>875</b> 00
5406	40	MILEAGE	3.45	138.00
1124	16Seks	SO/SO Az-Mix Cement	9.30	1274.50
III8A	275*	Gel 2%	.160	44.00
1102	275#	Cach 2%	.70"	19250
IIIOA	660#	Kol-Seal 3 1/52 RECEIVED  Cal-Seal 3 1/52 KANSAS CORPORATION COMMI	SSION . 40	244.00
1101	495"			173.25
<b>דסו</b> ן	40*	Flocele 14 º/sk MAY 1 6 2008	1.92 #	79.20
1/35	*סר	F1-110 % %  CONSERVATION DIVISION DIVISION CONSERVATION DIVISION DIVISION CONSERVATION DIVISION DIVISION DIVISION CONSERVATION DIVISION DIVISION DIVISION CONSERVATION DIVISION DIVISION DIVISION DIVISION CONSERVATION DIVISION DIVIS		\$00.50
1146	35*	CAF - 38 44% CONSERVATION WICHITA, KS	7.30 #	257.50
1118A	300 4	Gel-Flush	.16 19	48.00
1105	50#	Hulls	.37"	18.50
SYOTA	6.93 Jon	Ton-Mikeye Bulk Truck	1.14	316.01
4404		Ten-Mikaye Bulk Tinck 48 * Top Rubber Phy	42.00	42.00
	· · · · · · · · · · · · · · · · · · ·	Thank You!	SUL TOTAL	4420.36
·		532	SALES TAX	# 7.05
		$\Delta \Delta \omega \Delta \Delta \omega$	ESTIMATED	100.00

220017

DATE\_

TOTAL

### **Daily Well Work Report**

**BRADLEY 9-26** 1/29/2008

Well Location: MONTGOMERY KS 32S-16E-26 NE SE 1865FSL / 487FEL

**Cost Center Lease Number Property Code** 

**API Number** 

C01020400100

C010204

KSCV32S16E2609 15-125-31511

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnetID
1/28/2008	1/29/2008	3/14/2008	3/27/2008	3/21/2008	BRADLEY_9_26

TD **PBTD** Sf Csg Depth Pr Csg Depth **Tbg Size Csg Size** 1191 48 0 0 1183 1183

Reported By KRD

**Rig Number** 

Date

1/28/2008

**KRD** 

**Down Time** 

**Taken By** 

Present Operation DRILL OUT FROM UNDER SURFACE

Contractor

**MCPHERSON** 

#### **Narrative**

MIRU MCPHERSON, DRILLED 11" HOLE 48' DEEP. RIH W/2 JOINTS 8-5/8" SURFACE CASING. MIXED 8 SXS TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN. DWC:\$3160

RECEIVED KANSAS CORPORATION COMMISSION

MAY 1 6 2008

**CONSERVATION DIVISION** WICHITA, KS

#### **GEOLOGIC REPORT**

LAYNE ENERGY Bradley 9-26 NE SE, 1865 FSL, 487 FEL Section 26-T32S-R16E Montgomery County, KS

Spud Date:	1/28/2008
Drilling Completed:	1/29/2008
Logged:	1/29/2008
A.P.I. #:	15125315110000 CONFIDENTIAL
Ground Elevation:	805'
Depth Driller:	1191' MAY 1 4 2008
Depth Logger:	1195'
Surface Casing:	8.625 inches at 48'
Production Casing:	4.5 inches at 1127'
Cemented Job:	0
Open Hole Logs:	Dual Induction SFL/GR, Litho Density

Dual Induction SFL/GR, Litho Density / Open Hole Logs:

Neutron Logs

Formation **	Tops				
	(below ground)	(subsea)			
	Surface				
	(Cherryvale				
Kansas City Group	Formation)	805			
Pawnee Limestone	486	319			
Excello Shale	634	171			
"V" Shale	682	123			
Mineral Coal	724	81			
Mississippian	1,073	-268			

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