

## 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**

WELL HISTORY - DESCRIF	ORIGINAL
Operator: License # 33365	API No. 15 - 125-30819 - 60 - 00
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	S/2 NE SW. Sec. 2 Two. 32 S. R. 16 7 East West
City/State/Zip: Mission Woods, KS 66205	1650 feet from (S)/ N (circle one) Line of Section
	2000 feet from E / (W) (circle one) Line of Section
Purchaser: M. R. Nattrass	Footages Calculated from Nearest Outside Section Corner:
Operator Contact Person: M. B. Nattrass	-
Phone: (913) 748-3987	(circle one) NE SE NW SW  Lease Name: Bright Well #: 11-2
Contractor: Name: Mokat Drilling	Field Name: Brewster
License: 5831	Producing Formation: Cherokee Coals
Wellsite Geologist:	Elevation: Ground: 834' Kelly Bushing:
Designate Type of Completion:	1170' 1158'
New Well Re-Entry Workover RECEIVED	Total Depth: 1170' Plug Back Total Depth: 1158'
OIISWDSIOWTOTAL SION CO	Amount of Surface Pipe Set and Cemented at 20 Feet
✓ Gas — ENHR — SIGW NOV 0 3 200	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	ii yes, show depth set
If Workover/Re-entry: Old Well Info as follows:	Alternate II completion, cement circulated from 1169'
Operator:WICHITA, KS	feet depth to Surface w/ 130 sx cmt.
Well Name:	Drilling Fluid Management Plan AH II NH 6 43 DE
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content N/A ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used N/A - Air Drilled
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	·
Other (SWD or Enhr.?) Docket No	Operator Name:
8/10/2005 8/11/2005 8/22/2005	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with 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 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r 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
All requirements of the statutes, rules and regulations promulgated to regulat herein are complete and correct to the best of my knowledge.  Signature:	KCC Office Use ONLY
Title: Agent Date: 11/2/05	Letter of Confidentiality Attached
Subscribed and sworn to before me this 2 nd day of November	If Denied, Yes Date:
20_07_	Wireline Log Received
11 11	Geologist Report Received
Notary Public:	UIC Distribution
Date Commission Expires: 10/14/2108	



COMPLETE



ORIGINAL

Operator Name: Layr		iting, LLC	Lease	Name: 5	M.R.		_ Well #:		
Sec. 2 Twp. 32	S. R. 16	✓ East 🗌 West)	Lease	∑ Mourc	edieta	<u> </u>	····		
ested, time tool open emperature, fluid rec	and closed, flowing overy, and flow rates	nd base of formations p g and shut-in pressures, s if gas to surface test, a inal geological well site	whether si along with 1	hut-in pre	ssure reached	static level, nyard	static pressure	es, policin noie	
Drill Stem Tests Taker	า	☐ Yes 🗸 No		<b>⊘</b> Lo	og Format	ion (Top), Depth a	nd Datum	Sample	•
(Attach Additional S	·			Nam	Ð		Тор	Datum	
Samples Sent to Geological Survey		∐ Yes ☑ No	Pau		vnee Lime		509 GL	325	
Cores Taken		☐ Yes   ✓ No ✓ Yes   No					663 GL	171	
Electric Log Run (Submit Copy)		<b>▼</b> 165		Exce	ilo Shale				
ist All E. Logs Run:				V Sh	ale		713 GL	1217'	
-	!t <b>B1 t</b>			Mine	eral Coal		755 GL	79	
Compensated De	ensity Neutron			Miss	sissippian		1072 GL	-238	
Dual Induction				1000	лоогругат				
		CASING Report all strings set-	RECORD	✓ Ne	_	ction, etc.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Durana of String	Size Hole	Size Casing	We	eight	Setting	Type of	# Sacjs	Type and Per	
Purpose of String	Drilled	Set (In O.D.)		. / Ft.	Depth	Cement	Used	Additives	
Surface	11	8.65	24		20'	Class A	4	Type 1 cer	nent
Casing	6.75	4.5	10.5		1169'	Thick Set	130		
			<u> </u>						
		ADDITIONA	L CEMENT	ING / SQI	JEEZE RECOR	ID			
Purpose: Perforate	Depth Top Bottom	Type of Cement	#Sack	s Used	Jsed Type and Percent Additives				
Protect Casing Plug Back TD						1000	. ,,,,		
Plug Off Zone									
		1							
Shots Per Foot	PERFORATE Specify	ION RECORD - Bridge Plu Footage of Each Interval Pe	igs Set/Type	9		acture, Shot, Cemer Amount and Kind of M			epth
		, cotage of		RECEIVED					
	See Attached XANSAS(				NSAS CORPORATION COMMISSION				
					OV 0 3 2				
				-					
				CONS	ERVATION DIN	/ision			
					WICHITA, KS				
TUBING RECORD 2 3	Size 3/8"	Set At 1089'	Packer	At	Liner Run	Yes V No	)		
Date of First, Resumer		Enhr. Producing Me	ethod			. — -			
9/14/2005	4			Flowin	g 📝 Pum	ping Gas L	ift Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil O	Bbis. Gas	Mcf	Wat <b>39</b>	er	Bbls.	Gas-Oil Ratio	Gra	vity
Disposition of Gas	METHOD OF				Production Int	erval			
		_		<u>,</u> _	Duelly Com-	[7] Commission			
☐ Vented ☑ Sold	Used on Lease	Open Hole	Per	п. 🔲	Dually Comp.	✓ Commingled _			

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Bright 11-2		
·······	Sec. 2 Twp. 32S Rng. 16E, Montgomery County		
API:	15-125-30819		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1058.5-1061, 1004.5-1005.5, 890-891, 834.5- 835.5, 755-756.5	Riverton, Rowe, Bluejacket, Weir, Mineral - 1,600gal 15% HCL + 447bbls water + 3,700# 20/40 Sand	755-1061
4	714-717, 691-692.5, 663-669, 635.5-638	Crowebeg, Ironpost, Mulkey, Summit - 2,300gal 15% HCL + 662bbls water + 6,200# 20/40 Sand	635.5-717

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 0 3 2005

CONSERVATION DIVISION WICHITA, KS

# **GEOLOGIC REPORT**

# LAYNE ENERGY Bright 11-2 NE ¼, SW ¼, 1,650' FSL, 2,000' FWL Section 2-T32S-R16E

MONTGOMERY COUNTY, KANSAS

Drilled: August 10-11, 2005 Logged: August 12, 2005 A.P.I.# 15-125-30819 Ground Elevation: 834' Depth Driller: 1,170' Depth Logger: 1,171'

Surface Casing: 8 5/8" @ 20'
Production Casing: 4 ½" @ 1,169'
Cemented Job: Consolidated

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

FORMATION	TOPS (in feet below ground surface)
Kansas City Group	Surface (Dewey Limestone)
Lenapah Lime	306
Altamont Lime	
Weiser Sand	378
Pawnee Lime	
Anna Shale	
First Oswego Lime	600
Little Osage Shale	
Excello Shale	
Mulky Coal	668
Iron Post Coal	
"V" Shale	713
Croweburg Coal	716
Mineral Coal	755
Weir Pitt Coal	835
Bluejacket Coal	890 <b>George</b>
AW Coal	. 1,004 KANSAS CORPORATION COMMISSION
Riverton Coal	1,037
Mississippian	
•	

CONSERVATION DIVISION WICHTLA, KS

### MORNING COMPLETION REPORT

KRD

sport Called in by	/::JE\$			Report taken by:	KRD	<del></del>
EASE NAME & #		(AFE# DATE		DAYS	CIBP	PBTD
NUE RIVINE UI #					DEPTH	TYPE FLUID
IGHT 11-2			8/10/2005	4	TYPE	urz
ESENT OPERA	TON:		A 5541 2 5541-	EDAM HUDER OUR	FACE	WT VIS
			REPAIR DOWN	FROM UNDER SUR	CONTRACTOR MON	···
PEST CASING	LINERS OD TOP & SH	UE DEPTH	KENAIR DOWN	IIME ANG	RIG NO BILLY	
SHOE DEPTH	8 5/8" 24# J-55 Set 2	<b>2</b> 07	TEST	PERFS		
CKER OR ANCHOR		OD 10		TO	SQUEEZE	D OR PLUG BACK PERFS
CRER OR ANOHOR			<b>—</b>	ro		10
				т0		т0
				<u>TO</u>		<u> </u>
			<u> </u>	TO		TO
HRS	BRIEF DESCRIPT	ION OF OPE	RATION			
	-			ADDED DUVING	O SAM CUBEACE CACIL	ıc
	MIRU MOKAT DR	ULLING, DRIL	LED 11" HOLE, 20	UEEP, KIH W/ 1 J	8 5/8" SURFACE CASIN	10,
					·	
	MIXED 4 SXS TVF	PE 1 CEMENT	r, DUMPED DN TH	E BACKSIDE, SOFN	l	
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AILY COST ANA	LYSIS				<u> </u>	
			-		DETAILS OF RENTALS, SI	RVICES, & MISC
.~				мок	AT DRILLING @ 6.50/ft	·
				· ·	AT (CEMENT)	80
ie				EKAI 10	43   1\alling   14   1	
						, and
	2	200	REC	CEIVED DIRT	WORKS (LOC,RD, PIT)	400
	2	200	REC KANSAS CORPO		WORKS (LOC,RD, PIT)	400 200
JPERVISION	2	200	KANSAS CORPO	CEIVED DIRT	WORKS (LOC,RD, PIT)	
JPERVISION	2	200	KANSAS CORPO	CEIVED DIRT	WORKS (LOC,RD, PIT)	200
JPERVISION	2	200	KANSAS CORPO NOV	CEIVED DIRT RATION COMN SSIA 0 3 2005	WORKS (LOC,RD, PIT)	200
UPERVISION ENTALS		400	KANSAS CORPO  NOV  CONSERVA	CEIVED DIRTERISES CANDESSES CANDESSE	WORKS (LOC,RD, PIT)	200
UPERVISION ENTALS			KANSAS CORPO  NOV  CONSERVA	CEIVED DIRT RATION COMN SSIA 0 3 2005	WORKS (LOC,RD, PIT)	200
UPERVISION ENTALS ERVICES	4	400	KANSAS CORPO  NOV  CONSERVA	CEIVED DIRTERISES CANDESSES CANDESSE	WORKS (LOC,RD, PIT)	200
UPERVISION ENTALS	4		KANSAS CORPO  NOV  CONSERVA	CEIVED DIRTERISES CANDESSES CANDESSE	WORKS (LOC,RD, PIT)	200
UPERVISION ENTALS ERVICES	4	400	KANSAS CORPO  NOV  CONSERVA	CEIVED DIRTERISES CANDESSES CANDESSE	WORKS (LOC,RD, PIT)	200

CONSOLIDATED OIL WELL SERVICE ., INC. 211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

. CKET NUMBE	R 5210
LOCATION	Euceka
FOREMAN	Brad Butler

## TREATMENT REPORT & FIELD TICKET CEMENT

CLINEIVI								
DATE	CUSTOMER#	WELL NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY	
8-12-05	4158	Bright /	1-2				Montgomery	
CUSTOMER	/							
	Lavne	LINGY	6115	TRUCK#	DRIVER	TRUCK #	DRIVER	
MAILING ADDRE	ss /		Jones	445	Rick			
	P.O. Box	160		441	Calin			
CITY		STATE ZIP CODE						
Sycam	ore	Ks.						
JOB TYPE	0155/11/19	HOLE SIZE 634"	HOLE DEPTH	1170-	CASING SIZE & W	VEIGHT 46'	- 10.513	
CASING DEPTH	7169-	DRILL PIPE	_ <b>*amo</b> sf	BTO 1158		OTHER		
SLURRY WEIGH		SLURRY VOL 4/ Bbl.	WATER gal/s	k 8.0	CEMENT LEFT in	CASING //		
DISPLACEMENT 1812 BLZ DISPLACEMENT PSI 500 NEE PSI 1000 PSI RATE 4BPM- 2BPM								
REMARKS: Safety Meeting: Rigupto 41/2 casing, Break circulation with 20 Bbbs water Pumped 10 Bbbs.								
Gel Flush, 10 Bbl. Water Spacer, 10 Bbl. Metasilicate, 10 Bbl. Dyewater,								
Mixed 130sks. Thick Set cement w/ 10# PYSK of KD/-SEAL of 13.21/2 PYGAL.								
Shuldown washout pumps lines - Release Plug - Displace Plug with 18/2 Bbls water								
Final pumping of 500 PSI - Bumped Plug To 1000 PSI - wait 2 missizes - Release Pressure								
Float Held- close casing in with OBJ - Good cement returns to Surface with 8 Bbl Slury								
Job complete- Test down								
			,					

Thankyou" ACCOUNT QUANITY or UNITS **DESCRIPTION of SERVICES or PRODUCT** UNIT PRICE TOTAL CODE 5401 765.00 765.00 PUMP CHARGE Truck Infield 5406 MILEAGE 2.50 1126 A 130 Thick Set Cement SKS 13.00 1690,00 KOI-SEAL 10 FPY/SK 1110 A SKs. 16.90 439.40

1/11 A 50 Ibs. Metasilicate - Pleflush 77.50 1.55 16. 1118 A Geh Flush رکلاک 6.63 26.52 25 miles - Bulk Truck 5407A TON 164.45 RECEIVED

KAMSAS CORPORATION COMMISSION 5605 A His. Welder 75.00 300.00 NOV 0 3 2005

Top Rubby Plus MICHITAKS 4404 41/2" 38.00 3800

5.3% SALES TAX ESTIMATED

TITLE

AUTHORIZTION Called by John Ed