

\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION** 

1196016

March 2010 This Form must be Typed nust be Signed st be Filled

Form CP-1

\_\_\_\_\_+ \_\_ \_\_ \_\_

	ELL PLUGGING APPL eation of Compliance with the Kansa	All bla All bla Surface Owner Notification Act,	anks must be Filled
OPERATOR: License #:	MUST be submitted with this f	r <b>orm.</b> I No. 15	
Name:		re 1967, supply original completion date:	
		ot Description:	
Address 1:		Sec Twp S. R	
Address 2:			outh Line of Section
City: State:			est Line of Section
Contact Person:	For	otages Calculated from Nearest Outside Section C	Corner:
Phone: ( )		NE NW SE SW	
	Cor	unty:	
	Lea	ase Name: Well #:	
Check One: Oil Well Gas Well OG	D&A Cathodic	Water Supply Well Other:	
	ENHR Permit #:	Gas Storage Permit #:	
Conductor Casing Size:	_ Set at:	Cemented with:	Sacks
Surface Casing Size:	_ Set at:	Cemented with:	Sacks
Production Casing Size:	_ Set at:	Cemented with:	Sacks
List (ALL) Perforations and Bridge Plug Sets:			
Elevation: (G.L. /K.B.) T.D.:	PBTD: Anhydrite	Depth:(Stone Corral Formation)	
Condition of Well: Good Poor Junk in Hole			
Proposed Method of Plugging (attach a separate page if addit	(Interval) tional space is needed):		
Is Well Log attached to this application?	Is ACO-1 filed? Yes No		
If ACO-1 not filed, explain why:			
Diversing of this Well will be done in accordance with K	S.A. EE 101 of som and the Pules and I	Populations of the State Corneration Commissi	ion
Plugging of this Well will be done in accordance with K. Company Representative authorized to supervise plugging of			
Address:			
Phone: ( )		Oldle Zip	T
/ / /			

Payment of the Plugging Fee (K.A.R. 82-3-118) will be guaranteed by Operator or Agent

Plugging Contractor License #: \_\_\_\_\_ Name: \_\_\_\_

Address 1: \_\_\_\_ City: \_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_

Proposed Date of Plugging (if known): \_\_\_\_

Submitted Electronically

\_\_\_\_\_ Address 2: \_\_\_\_

Mail to:	KCC -	Conservation	Division.	130 S.	Market ·	- Room	2078.	Wichita.	Kansas	67202
man cor		0011001 1441011			mannot			,	nunouo	0.202

### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

# 1196016

# CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)

OPERATOR: License #	Well Location:
Name:	
Address 1:	County:
Address 2:	Lease Name: Well #:
City: State: Zip:+	If filing a Form T-1 for multiple wells on a lease, enter the legal description of
Contact Person:	the lease below:
Phone: ( ) Fax: ( )	
Email Address:	
Surface Owner Information:	
Name:	When filing a Form T-1 involving multiple surface owners, attach an additional
Address 1:	sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the
Address 2:	county, and in the real estate property tax records of the county treasurer.
City: State: Zip:+	

If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

#### Select one of the following:

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

### Submitted Electronically

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# Chesapeake Operating, Inc.

Interoffice Memorandum

	Chesapeake Energy	GWI: 100% NRI: 75.651%
RE:	Plug and Abandon ROBEL 1-5 SECTION 5-T24S-R31W FINNEY COUNTY, KS	Property Number: 218436
DATE:	February 18, 2014	
FROM:	Doug Kathol, Sara Everett	
CC:	Walter Kennedy, John Hudso	n, David Lynch and Bud Neff
TO:	Jay Stratton	

### **Recommendation:**

The Robel was producing approximately 58 MCF (low BTU) and 3 BW per day when it was shut in, in November 2013. This well was drilled in 1990 to a depth of 2,720' and completed in the Krider formation. Cumulative production has been 468 MMCF of natural gas

**Discussion:** 

SIZE	WEIGHT	GRADE	TYPE		CE	MENT	тос	TOP	BTM	
•	d Tubing:							_	DEPTH	
Type:	Vertical		Elevations	GL:	2,910'		<b>KB:</b> 2,918'	KB-GL:	8'	
PBTD:	2,720'	TD:	2,720'		Spudded:	1/8/199	0			
AFE #:	803091	API #:	1505520901		Prop. #:	218436	IP:	201MCFG	PD	
S-T-R: Location:	5-T24S-R C NW - 3		Cour 3960 FEL OF		: FINNEY, K ION	S				
Lease:	ROBEL 1-	-5	WI	:	1.000000	NRI:	0.756510			
WELL DA	<u>TA:</u>									
	( 2/18/						Landman : Production Sup.:	=		
		DER					uction Engineer :	C	oug Kathol	
	Plug & A	bandon				Re	servoir Engineer:		hn Hudson	
	ROBE	EL 1-5					Geologist :	Walt	er Kennedy	

 SIZE	WEIGHT	GRADE		CEMENT	100	IUP	DIW	
8 5/8	24.00#	J-55	Surface Casing	200	8'	8'	384'	
4 1/2	10.50#	J-55	Production Casing	525	8'	8'	2,719'	
2 3/8	9.60#	J-55	Tubing			8'	2,704'	

# **Production Casing and Tubing Data:**

 SIZE	WEIGHT	GRADE	ID	DRIFT	Bbl/Ft.	Gallons/Ft.	Burst	Collapse	Jnt St
4 1/2	10.50#	J-55	4.0520"	3.9270"	0.0159	0.66990	4,790	4,010	132
2 3/8	4.70#	J-55	1.9950"	1.9010"	0.00387	0.16240	7,700	8,100	71,730

# Well Driving Directions:

Hwy 156 to Mary St, 4 E, 1 N, 1/2 E, South into.

Perf'd Formations	Depth Range	Stimulation Details
Treatable Water	1445'	
Stone Corral	1992' - 2058'	
KRIDER	2684' - 2694'	1000 gal 15% + 32500# sd + 23000 gal gel

**NOTES:** The Robel 1-5 needs to be plugged by 3/15/14, or we will receive a NOV from the KCC.

Robel 1-5 P&A February 17, 2014

### **Procedure**

- 1. Obtain plugging permit from KCC office and notify plugging supervisor 24 hrs. before plugging operations begin.
- 2. MIRU WO unit. ND WH, NU BOP. Kill well if necessary with lease water.
- 3. POOH laying down downhole equipment. Stand back tbg in derrick.
- 4. MIRU WL Unit and RIH with 4<sup>1</sup>/<sub>2</sub>" CIBP and set at +/-50' above perfs. Dump bail 10' of cement on CIBP. RDMO WL unit.
- 5. RIH w/ tbg, set EOT @+/-50' above CIBP and circulate hole with 9#, 36 vis (minimum plugging mud and circulate plugging mud to surface). TOOH w/tbg.
- 6. PUH with tubing. Circulate cement across the 8-5/8" csg shoe and spot 100' cement cmt plug. (See note)
- 7. PUH with tubing. Circulate cement across Base of Treatable Water and spot 100' cmt plug. WOC and POOH.
- 8. RIH with tubing and tag cement plug.. Respot more cement if necessary.
- 9. PUH with tbg to 34' and spot 30' cement plug (34' to 4') from surface.
- 10. RDMO WO unit. Cut off csg 4' below ground level and weld on ID Plate.

#### NOTE :

If  $4\frac{1}{2}$ " casing cannot be cut off below surface casing shoe, the 4 1/2" casing must be perforated at surface casing shoe and block squeezed, raising cement to 50' above the surface csg shoe depth. The cement plug must then be tagged at 50' from shoe or higher. Go to step #9.

# **Current Wellbore Schematic**

WELL (PN): ROBEL 1-5 (218436) FIELD OFFICE: GARDEN CITY FIELD: STATE / COUNTY: KANSAS / FINNEY LOCATION: SEC 5-24S-31W, 3960 FSL & 3960 FEL ROUTE: GAR-KS-ROUTE 04 - DAVID ROWLAND ELEVATION: GL: 2,910.0 KB: 2,918.0 KB Height: 8.0 DEPTHS: TD: 2,720.0

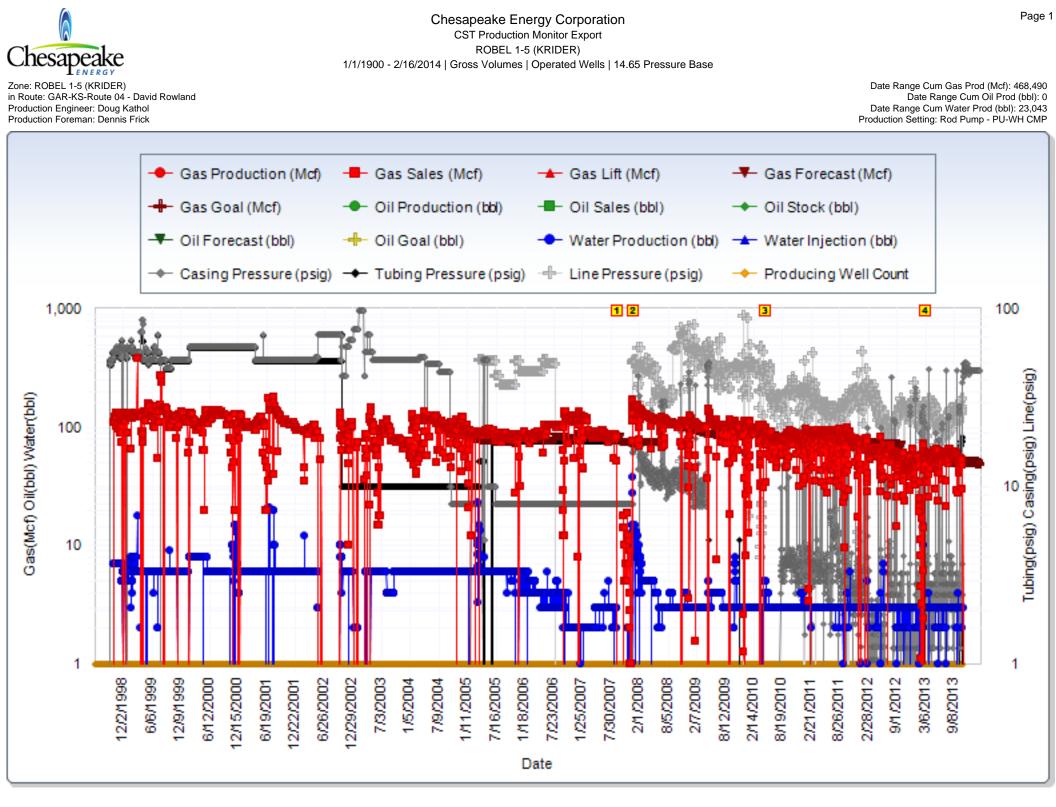
Original Hole, 2/18/2014 8:24:47 AM		Pumping Units   S Type Make Model SPM SL (in) Install Date													
Vertical schematic (actual)	Zones	Type Conventional C		<sub>ake</sub> ufkin		<sup>1odel</sup> 325DA	:	SPM		SL (in)	35.00	all Date 5/1/199	13		
		Surface Ca					Origin	al Hol	e		55.00	5/1/198			
		Set Tension (kips)	using, c		ud Weight	,	Cut Pull D			De	oth Cut Pull (ftK	B)	-		
					D.14				- 1				_		
		Item Des	OD (in)	ID (in)	Drift (in)	Wt (lb	/ft) Gra		op read To	op (ftKB)	Btm (ftKB)	Len	(ft		
		Casing Joints	8 5/8	8.097		· ·	00 J-55			8.0	383.0		75.		
			0.5/0										_		
		Float Shoe	8 5/8	8.097						383.0	384.0		1		
		Production Set Tension (kips)	Casin		@ 2,71 ud Weight	19.0 ftl	KB; C		al Hole		oth Cut Pull (ftK	D)			
		Oet rension (kips)		141	uu weight			ale		De		.0)			
					Drift		/// C		op	(()(D)					
		Item Des Casing Pup	OD (in) 4 1/2	ID (in) 4.052	(in)	Wt (lb	/ft) Gra 50 J-55		read To	op (ftKB) 8.0	Btm (ftKB) 2,718.0				
		Joint	- 1/2	4.002		10.				0.0	2,710.0	, 2,,			
		Float Shoe	4 1/2	4.000						2,718.0	2,719.0	)	1		
		Description:	Surface C	asing Ce	ement										
		8.0-384.0													
		Top of Cemen	t (ftKB):		Amou	<u> </u>	asureme	ent Meti	hod: Ret	turns to S	urface Pumped	Yield	4		
		Fluid	Date		(sacks		Class	D	ens (lb/ga		(bbl)	(ft <sup>3</sup> /sad			
			1/8/1990			200				,	. ,		_		
		Description:	Production	n Casing	Cemen	t									
		8.0-2,719.0													
		Top of Cemen	Pump S		Amou		asureme	ent Meti	hod: Est		Pumped	Yield	4		
		Fluid	Date		(sacks		Class	D	ens (lb/ga		(bbl)	(ft <sup>3</sup> /sad			
			1/8/1990			525									
		<b>Tubing Stri</b>		oing - I	Produc										
			Wellbore Original I	Hole		Run Date 4/15	/2010	Pull Date	e	Cut Pull D	ate De	epth Cut P	ull		
		,	1- 5 -	OD		Drift	Wt	<u> </u>	Тор	Btm	1				
		Item De	es	(in)	ID (in)	(in)	(lb/ft)	Grade	(ftKB)	(ftKE	, -		J		
5/8 in; 24.00 lb/ft;		Tubing Sub Tubing Sub		2 3/8 2 3/8					8. 12.		2.0 6.0	4.00	_		
J-55; 384.0 ftKB		Tubing Sub		2 3/8					12.		2.0	6.00	_		
		Tubing		2 3/8	1.995	1.901	4.70	J-55	22.			71.00	-		
		Seat Nipple		2 3/8					2,693.			1.00	-		
		Mud Anchor		2 3/8					2,694.	.0 2,70	4.0	10.00			
	KRIDER,	Perforation	ons									·			
	Original									Sho					
	Hole									Der (sho					
2,694.0 ftKB; —4		Date		Zon			Top (ft	(B)	Btm (ftK	1.		ent Stat	u		
2,694.0 ftKB; — 4 🕅 12/14/2007			KDIDED	Original	l Hole		2,6	684.0	2,69	94.0					
2,694.0 ftKB;		5/27/1990		-											
2,694.0 ftKB; — 12/14/2007		5/27/1990 Stimulati		-	tment	S							_		
2,694.0 ftKB; — 2,694.0 ftKB; = 2,694.0 ftKB;			ons &	Treat			2007								
2,694.0 ftKB;		Stimulati KRIDER, S Min Top DepMax	ons & tage 1,	Treat Acidiz Total Clear	zing, '	12/14/2 Treat Pr	Q Treat Av								
2,694.0 ftKB;		Stimulati KRIDER, S	ons & stage 1,	Treat Acidiz Total Clear	zing, '	12/14/2	Q Treat Av	g Post   .00	0.0 F	PUMP DC	WN TBG W 3W FLUSH,				
2,694.0 ftKB;		Stimulati KRIDER, S Min Top DepMax	ons & tage 1,	Treat Acidiz Total Clear	zing, '	12/14/2 Treat Pr	Q Treat Av		0.0 F 4 4	PUMP DC AND 12 E AND PUM	BW FLUSH, P 10 BW F	SI TBG			
2,694.0 ftKB;		Stimulati KRIDER, S Min Top DepMax	ons & tage 1,	Treat Acidiz Total Clear	zing, '	12/14/2 Treat Pr	Q Treat Av		0.0 F / / E	PUMP DC AND 12 E AND PUM	BW FLUSH,	SI TBG			
2,694.0 ftKB;		Stimulati KRIDER, S Min Top DepMax	ons & tage 1, × Btm De 2,694.0	Treat Acidiz Total Clear	zing, '	12/14/2 Treat Pr 0.0	Q Treat Av	.00	0.0 F / / E	PUMP DC AND 12 E AND PUM DOWN CS	BW FLUSH, P 10 BW F SG, WELL 1	SI TBG			

# **Current Wellbore Schematic**

WELL (PN): ROBEL 1-5 (218436) FIELD OFFICE: GARDEN CITY FIELD: STATE / COUNTY: KANSAS / FINNEY LOCATION: SEC 5-24S-31W, 3960 FSL & 3960 FEL ROUTE: GAR-KS-ROUTE 04 - DAVID ROWLAND ELEVATION: GL: 2,910.0 KB: 2,918.0 KB Height: 8.0 DEPTHS: TD: 2,720.0

API #: 1505520901 API #: 1505520901 Serial #: SPUD DATE: 1/8/1990 RIG RELEASE: 1/8/1990 1ST SALES GAS: 5/1/1993 1ST SALES OIL: Current Status: SHUTIN **Current Status: SHUTIN** 

Original Hole, 2/18/2014 8:24:48 AM					
Vertical schematic (actual)	Zones	Well No Date	Type 1	Type 2	Com
		12/14/2007	Schematic	Notes	Pump Change
		4/14/2010	Schematic	Notes	MIRU Superior well services rig#5 TOH w/pump and rods, lower TBG down 1' no fill TOH w/tbg SN, MA.
		4/15/2010	Schematic	Notes	MIRU CHASE TBG TESTER, TESTED TBG GOING BACK, JT 79 # HOLE IN IT, REPLACED 10 JTS 2 3/8 TBG, TIH W/ REBUILT PMP AND SAME RODS, LOAD TBG GPA
			1	•	
8 5/8 in; 24.00 lb/ft;					
8 5/8 in; 24.00 lb/ft; J-55; 384.0 ftKB					
Acidizing; 2,684.0- 2,694.0 ftKB: —	KRIDER, Original Hole				
12/14/2007					
4 1/2 in; 10.50 lb/ft; J-55; 2,719.0 ftKB					
			Page	2/2	Report Printed: 2/18/2014





#### Chesapeake Energy Corporation CST Production Monitor Export ROBEL 1-5 (KRIDER) 1/1/1900 - 2/16/2014 | Gross Volumes | Operated Wells | 14.65 Pressure Base

Marker #	Date	Annotation	Created By	Created Date
1	9/1/2007	ONEOK - Shut-in	Doug Howeth	10/22/2008
2	12/14/2007	Workover/Failure/Pump Repair	WellviewJobInfo	1/14/2010
3	4/14/2010	Workover/Failure/Tubing Repair	WellviewJobInfo	4/14/2010
4	2/18/2013	Workover/Failure/Pump Repair	WellviewJobInfo	2/18/2013



#### Chesapeake Energy Corporation CST Operations 8/8ths LOS Report LOS MAIN 12/2012 - 11/2013 Gross Volumes | Operated Wells

Name	Property	Gas Price	Oil Price	NGL Price	Royalty Burden	Revenue	MCFE	Total LOE	LOE/MCFE	Ad Val	Compression	Overhead	R&M	SWD	Subsurface	Utilities	Workover	All Other	Sev Tax	Op Cash Flow	Capital	Net Cash Flow
ROBEL 1-5	218436	\$1.23	\$91.63	\$0.00	4,490	13,950	15,476	30,064	\$1.94	426	0	6,597	769	1,263	3,472	5,202	0	12,335	1,007	17,121	74	17,195
Totals		\$1.23	\$91.63	\$0.00	4,490	13,950	15,476	30,064	\$1.94	426	0	6,597	769	1,263	3,472	5,202	0	12,335	1,007	17,121	74	17,195



#### Chesapeake Energy Corporation CST Operations 8/8ths LOS Report ROBEL 1-5 12/2012 - 11/2013 Gross Volumes | Operated Wells

LEIVERC													
Name Property	Gas Oil Price Price	NGL Roya Price Burd		MCFE Total LOE	LOE/MCFE	Ad Compress Val	sion Overhead	R&M SWD Su	bsurface Utilities		All Sev Other Tax	Op Cash Capi Flow	tal Net Cash Flow
ROBEL 218436 1-5	\$1.23 \$91.63	\$0.00	13,950 13,950	15,476 30,064	\$1.94	426	0 6,597	769 1,263	3,472 5,202	0	<mark>12,335</mark> 1,007	17,121	74 17,195
Line Item	12/2012	01/2013	02/2013	03/2013	04/2013	05/2013	06/2013	07/2013	08/2013	09/2013	10/2013	11/2013	Total
Gas Revenue Volume	1,486	1,289	854	1,695	1,796	1,684	1,665	1,673	366	1,590		0	15,476
Gas Sales Gas Value	1,486 \$1,942	1,289 \$1,571	854 \$1,053	1,695 \$2,054	1,796 \$2,513	1,684 \$2,390	1,665 \$1,311	1,673 \$1,899	366 \$390	1,590 \$1,863	1,378 \$1,455	0 \$0	15,476 \$18,441
Gas Price	\$1,942	\$1.22	\$1.23	\$1.21	\$1.40	\$1.42	\$0.79	\$1.14	\$1.07	\$1.17		\$0	\$1.23
Oil Revenue Volume	ψ1.5T 0	φ1.22	φ1.25 0	φ1.21	φ1. <del>4</del> 0 0	φ1. <del>4</del> 2	φ0.79 0	φ1.1 <del>4</del> Ο	φ1.07 0	φ1.17 0	φ1.00 0	ψ1.74 0	φ1.23
Oil Sales	0	0	0	0	0	0	0	0	0	0		0	0
Oil Value	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Oil Price	\$82.41	\$88.99	\$90.59	\$89.49	\$86.01	\$88.96	\$89.97	\$99.13	\$100.70	\$100.40	\$94.72	\$88.16	\$91.63
Royalty Burden	473	382	256	500	612	582	319	462	95	454	354	0	4,490
Royalty Percent	0.24349350	0.24349350	0.24349350	0.24349350	0.24349350	0.24349350	0.24349350	0.24349350	0.24349350	0.24349350	0.24349350	0.24349350	0.24349350
Revenue	1,469	1,188	797	1,554	1,901	1,808	992	1,437	295	1,409	1,100	0	13,950
MCFE	1,486	1,289	854	1,695	1,796	1,684	1,665	1,673	366	1,590	1,378	0	15,476
LOE Total 1,8		2,679	5,400	3,482	1,947	2,134	2,695	2,451	2,503	2,780	2,039	89	30,064
LOE Per MCFE \$1.		\$2.08	\$6.32	\$2.05	\$1.08	\$1.27	\$1.62	\$1.47	\$6.84	\$1.75	\$1.48	\$0.00	\$1.94
Ad Valorem Tax	426	0	0	0	0	0	0	0	0	0	0	0	426
Audit Charges	0	0	0	0	0	0	0	0	0	0	-	0	0
Company Labor 17		170	174	956	179	180	180	192	612	198	204	0	3,217
Compression	0	0	0	0	0	0	0	0	0	0	-	0	0
Contract Serv/Equip Rental		-	Ŭ	° ,		Ű		Ŭ		-		Ũ	0
Field Facilities	23	53	37	32	41	40	40	35	35	38		0	416
Fuel Water Lube	0	0	0	163	0	0	0	163	0	0	0	0	326
Gas Processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Insurance	0	0	0	0	0	0	0	0	0	314	0	0	314
Oil Processing	4	2	4	4	0 15	4	15	0	1	0	0	0	52
Other Expenses Overhead	573	573	573	573	615	615	615	615	615	615	615	0	6,597
Pumping Service	439	491	434	601	499	473	513	512	666	513	499	0	5,640
Regulatory	5		0	0	439	4/0	0	0	000	010		0	5,040
Rents And Fees	0	0	0	0	0	0	0	0	0	0	0	0	0
Repairs & Maintenance	0	0	104	0	0	0	665	0	0	0	0	0	769
Salt Water Disposal	23	180	14	189	23	180	23	188	23	232	188	0	1,263
Salt Water Processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Subsurface Repairs	0	145	3,327	0	0	0	0	0	0	0	0	0	3,472
Supplies		3	94	299	48	28	1	24	42	197		0	814
Telemetry	131 0	0	0	72	0	0	144	69	0	63		0	517
Transportation		0	0	0	0	0	0	0	0	0		0	0
Treating Expenses	0	127	341	127	0	127	0	127	0	127	0	58	1,034
Utilities Workover		935 0	298 0	466	527 0	487	499 0	525	509 0	482	443	31 0	5,202
Gas Severance Tax	0 104	85	57	112	133	126	79	105	22	102	<b>v</b>	0	1,007
Oil Severance Tax	0	0	0	0	0	120	79	0	0	102	0	0	1,007
Severance Tax	104	85	57	112	133	126	79	105	22	102	<b>.</b>	0	1,007
IDC Monthly	0	0	0	0	0	0	0	0	0	0	0	0	0
WEQ Monthly	0	4	0	0	0	0	0	0	0	0	Ŭ	70	74
NRI	0.75650650	0.75650650	0.75650650	0.75650650	0.75650650	0.75650650	0.75650650	0.75650650	0.75650650	0.75650650	0.75650650	0.75650650	0.75650650
GWI	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
Operating Cash Flow	(500)	(1,576)	(4,660)	(2,040)	(179)	(452)	(1,782)	(1,119)	(2,230)	(1,473)	(1,020)	(89)	(17,121)
Capital	Ó	4	0	0	Ó	Ó	0	0	Ó	Ó	Ó	70	74
Net Cash Flow	(500)	(1,580)	(4,660)	(2,040)	(179)	(452)	(1,782)	(1,119)	(2,230)	(1,473)	(1,020)	(159)	(17,195)



#### Chesapeake Energy Corporation CST Operations 8/8ths LOS Report Totals 12/2012 - 11/2013 Gross Volumes | Operated Wells

Name	Property	Gas Price	Oil Price		Royalty Burden	Revenue	MCFE Tota		Ad Compress	sion Overhead	R&M SWD S	ubsurface Utilities		All Sev Other Tax	Op Cash Capita Flow	al Net Cash Flow
Totals		\$1.23		\$0.00	4,490	13,950	15,476 30,0			0 6,597	769 1,263	3,472 5,202		12,335 1,007		4 17,195
Line	Item	12/20	)12	01/2013	02	2/2013	03/2013	04/2013	05/2013	06/2013	07/2013	08/2013	09/2013	10/2013	11/2013	Total
Gas Revenu	ue Volume		1,486	1,:	289	854	1,695	1,796	1,684	1,665	1,673	366	1,590	1,378	0	15,476
Gas Sales			1,486		289	854	1,695	1,796	1,684	1,665	1,673		1,590		0	15,476
Gas Value			\$1,942	\$1,		\$1,053	\$2,054	\$2,513	\$2,390	\$1,311	\$1,899		\$1,863		\$0	\$18,441
Gas Price			\$1.31	\$1	.22	\$1.23	\$1.21	\$1.40	\$1.42	\$0.79	\$1.14	\$1.07	\$1.17	\$1.06	\$1.74	\$1.23
Oil Revenue	e Volume		0		0	0	0	0	0	0	0	0	0	-	0	0
Oil Sales			0		0	0	0	0	0	0	0	0	0		0	0
Oil Value			\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0		\$0	\$0
Oil Price			\$82.41	\$88		\$90.59	\$89.49	\$86.01	\$88.96	\$89.97	\$99.13		\$100.40		\$88.16	\$91.63
Royalty Burg			473		382	256	500	612	582	319	462	95	454	354	0	4,490
Royalty Percent	cent	0.243	349350	0.24349		.24349350	0.24349350	0.24349350	0.24349350	0.24349350	0.24349350	0.24349350	0.24349350	0.24349350	0.24349350	0.24349350
Revenue			1,469		188	797	1,554	1,901	1,808	992	1,437	295	1,409		0	13,950
MCFE			1,486		289	854	1,695	1,796	1,684	1,665	1,673		1,590	1,378	0	15,476
LOE Total			1,865		679	5,400	3,482	1,947	2,134	2,695	2,451	2,503	2,780		89	30,064
LOE Per MC			\$1.26	\$2	.08	\$6.32	\$2.05	\$1.08	\$1.27	\$1.62	\$1.47		\$1.75	\$1.48	\$0.00	\$1.94
Ad Valorem			426		0	0	0	0	0	0	0	0	0	0	0	426
Audit Charge			0		0	0	0	0	0	0	0	0	0	-	0	0
Company La			172		170	174	956	179	180	180	192		198		0	3,217
Compressio			0		0	0	0	0	0	0	0	0	0	-	0	0
Contract Se Rental			0		0	0	0	0	0	0	0	0	0		0	0
Field Faciliti			23		53	37	32		40	40	35		38			416
Fuel Water I			0		0	0	163	0	0	0	163		0		0	326
Gas Proces	sing		0		0	0	0	0	0	0	0	0	0		0	0
Insurance			0		0	0	0	0	0	0	0	0	314		0	314
Oil Processi			0		0	0	0	-	0	0	0	0	0	0	0	0
Other Exper	nses		4		2	4	4	15	4	15	1	1	1	1	0	52
Overhead			573		573	573	573	615	615	615	615		615		0	6,597
Pumping Se	ervice		439		491	434	601	499	473	513	512		513		0	5,640
Regulatory			5		0	0	0	0	0	0	0	0	0	0	0	5
Rents And F			0		0	0	0	0	0	0	0	0	0	0	0	0
Repairs & M			0		0	104	0	-	0	665	0	0	0	-	0	769
Salt Water D			23		180	14	189	23	180	23	188		232		0	1,263
Salt Water F	0		0		0	0	0	0	0	0	0	0	0		0	0
Subsurface	Repairs		0		145	3,327	0	0	0	0	0	0	0	0	0	3,472
Supplies			69		3	94	299	48	28	1	24		197		0	814
Telemetry			131		0	0	72	0	0	144	69		63		0	517
Transportati			0		0	0	0	0	0	0	0	0	0		0	0
Treating Exp	penses		0		127	341	127	0	127	0	127		127		58	1,034
Utilities			0		935	298	466	527	487	499	525		482		31	5,202
Workover	_		0		0	0	0	0	0	0	0	0	0		0	0
Gas Severa			104		85	57	112	133	126	79	105		102		0	1,007
Oil Severan			0		0	0	0	0	0	0	0	0	0		0	0
Severance 7			104		85	57	112		126	79	105		102	81	0	1,007
IDC Monthly			0		0	0	0	0	0	0	0	0	0	0	0	0
WEQ Month	nly		0		4	0	0	0	0	0	0	0	0		70	74
NRI			650650	0.75650		.75650650	0.75650650	0.75650650	0.75650650	0.75650650	0.75650650	0.75650650	0.75650650		0.75650650	0.75650650
GWI		1.000	000000	1.00000		.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000		1.00000000		1.00000000	1.00000000
Operating C	ash Flow		(500)	(1,5		(4,660)	(2,040)	(179)	(452)	(1,782)	(1,119)	(2,230)	(1,473)	(1,020)	(89)	(17,121)
Capital			0		4	0	0	0	0	0	0	0	0		70	74
Net Cash Fl	ow		(500)	(1,5	80)	(4,660)	(2,040)	(179)	(452)	(1,782)	(1,119)	(2,230)	(1,473)	(1,020)	(159)	(17,195)

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Shari Feist Albrecht, Chair Thomas E. Wright, Commissioner Jay Scott Emler, Commissioner Sam Brownback, Governor

March 26, 2014

Sarah Rodriguez/Doug Kathol Chesapeake Operating, Inc. 6200 N WESTERN AVE PO BOX 18496 OKLAHOMA CITY, OK 73118-1046

Re: Plugging Application API 15-055-20901-00-00 ROBEL 1-5 NW/4 Sec.05-24S-31W Finney County, Kansas

Dear Sarah Rodriguez/Doug Kathol:

This letter is to notify you that the Conservation Division has received your plugging proposal, form CP-1, for the above well and has reviewed the proposal for completeness. The central office will now forward your CP-1 to the district office listed below for review of the proposed plugging method. Please contact the district office for approval of your proposed plugging method at least five (5) days before plugging the well, pursuant to K.A.R. 82-3-113(b). If a workover pit will be used during the plugging of the well it must be permitted. A CDP-1 form must be filed and approved prior to the use of the pit in accordance with K.A.R. 82-3-600.

The Conservation Division's review of form CP-1, either in the central or district office, does not include an inquiry into well ownership or the filing operator's legal right to plug the well. This notice in no way constitutes authorization to plug the above well by persons not having legal rights of ownership or interest in the well.

This notice is void after September 22, 2014. The CP-1 filing does not bring the above well into compliance with K.A.R 82-3-111 with regard to the Commission's temporary abandonment requirements.

Sincerely, Production Department Supervisor

cc: District 1

(620) 225-8888