



This Form must be Typed  
Form must be Signed  
All blanks must be Filled

### WELL PLUGGING APPLICATION

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act,  
MUST be submitted with this form.

OPERATOR: License #: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

API No. 15 - \_\_\_\_\_  
If pre 1967, supply original completion date: \_\_\_\_\_  
Spot Description: \_\_\_\_\_  
\_\_\_\_ - \_\_\_\_ - \_\_\_\_ Sec. \_\_\_\_ Twp. \_\_\_\_ S. R. \_\_\_\_  East  West  
\_\_\_\_ Feet from  North /  South Line of Section  
\_\_\_\_ Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Check One:  Oil Well  Gas Well  OG  D&A  Cathodic  Water Supply Well  Other: \_\_\_\_\_  
 SWD Permit #: \_\_\_\_\_  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  Casing Leak at: \_\_\_\_\_  
(Interval)

Proposed Method of Plugging (attach a separate page if additional space is needed):

Is Well Log attached to this application?  Yes  No Is ACO-1 filed?  Yes  No

If ACO-1 not filed, explain why:

Plugging of this Well will be done in accordance with K.S.A. 55-101 et. seq. and the Rules and Regulations of the State Corporation Commission

Company Representative authorized to supervise plugging operations: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

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

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

Address 1: \_\_\_\_\_ Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

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

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

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

Submitted Electronically

### 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 # \_\_\_\_\_  
Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax: ( \_\_\_\_\_ ) \_\_\_\_\_  
Email Address: \_\_\_\_\_

Well Location:  
\_\_\_\_ - \_\_\_\_ - \_\_\_\_ - \_\_\_\_ Sec. \_\_\_\_ Twp. \_\_\_\_ S. R. \_\_\_\_  East  West  
County: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

*If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:*

**Surface Owner Information:**

Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

*When filing a Form T-1 involving multiple surface owners, attach an additional 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 county, and in the real estate property tax records of the county treasurer.*

*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.*

I Submitted Electronically



**Chesapeake Operating, Inc.**  
**Interoffice Memorandum**

**TO:** Jay Stratton

**CC:** Walter Kennedy, Chris McKone, David Lynch and Bud Neff

**FROM:** Doug Kathol, Sara Everett

**DATE:** February 28, 2014

**RE:** Plug and Abandon

**ENGELLAND 1-14**  
**SECTION 14-T22S-R40W**  
**HAMILTON COUNTY, KS**

**Property Number: 217763**

**Chesapeake Energy**

**GW: 100% NRI: 75%**

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**Recommendation:**

This well was producing approximately 15 MCF and 35 BW per day when it was TA'd in April of 2011. The well was drilled in 1981 and completed in the Winfield formation, first sales occurred in 1982. Cumulative production from the well was 100 MMCF of gas

**Discussion:**

ENGELLAND 1-14  
 Plug & Abandon  
 WINFIELD  
 VERTICAL  
 2/28/2014

Geologist :	Walter Kennedy
Reservoir Engineer:	Chris McKone
Production Engineer :	Doug Kathol
Landman :	David Lynch
Production Sup.:	Bud Neff

**WELL DATA:**

**Lease:** ENGELLAND 1-14      **WI:** 1.000000      **NRI:** 0.750000

**S-T-R:** 14-T22S-R40W      **County, St:** HAMILTON, KS

**Location:** C SW - 1320 FSL & 3960 FEL OF SECTION

**AFE #:** 803111      **API #:** 1507520371      **Prop. #:** 217763      **IP:** unknown

**PBTD:** 2,795'      **TD:** 2,850'      **Spudded:** 2/21/1981

**Type:** VERTICAL      **Elevations**      **GL:** 3,528'      **KB:** 3,535'      **KB-GL:** 7'

**Casing and Tubing:**

SIZE	WEIGHT	GRADE	TYPE	CEMENT	TOC	SET DEPTH	
						TOP	BTM
8 5/8	20.00#	J-55	Surface Casing	275	7'	7'	370'
4 1/2	9.50#	J-55	Production Casing	550	7'	7'	2,824'
2 3/8	4.70#	J-55	Tubing			7'	2,791'

**Production Casing and Tubing Data:**

SIZE	WEIGHT	GRADE	ID	DRIFT	Bbl/Ft.	Gallons/Ft.	Burst	Collapse	Jnt St
4 1/2	9.50#	J-55	4.0900"	3.9650"	0.0162	0.68250	4,380	3,310	101
2 3/8	4.70#	J-55	1.9950"	1.9010"	0.00365	0.16240	7,700	8,100	71,730

**Well Driving Directions:**

10 M. N ON HWY 27, 4E, 1/4N, E INTO

**Perf'd Formations**

**Depth Range**

**Stimulation Details**

Treatable Water

1120'

Stone Corral

2200' - 2289'

WINFIELD

2746' - 2752'

15,000 gal gelled 2% KCl + 20,000# sand

**NOTES:**

Engelland 1-14  
P&A  
February 28, 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 4½" CIBP and set at +/-50' above perms. 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 4½" 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):** ENGELLAND 1-14 (217763)  
**FIELD OFFICE:** GARDEN CITY  
**FIELD:** BRADSHAW  
**STATE / COUNTY:** KANSAS / HAMILTON  
**LOCATION:** SEC 14-22S-40W, 1320 FSL & 3960 FEL  
**ROUTE:** GAR-KS-ROUTE 01C - CRAE BARR  
**ELEVATION:** GL: 3,528.0 KB: 3,535.0 KB Height: 7.0  
**DEPTHS:** TD: 2,850.0

**API #:** 1507520371  
**Serial #:**  
**SPUD DATE:** 2/21/1981  
**RIG RELEASE:** 2/21/1981  
**1ST SALES GAS:** 12/1/1982  
**1ST SALES OIL:**  
**Current Status:** T/A

VERTICAL - Original Hole, 2/28/2014 9:43:36 AM		Pumping Units									
<div style="text-align: center;">Vertical schematic (actual)</div>	Zones	Type	Make	Model	SPM	SL (in)	Install Date				
		Conventional Crank	Cabot	D5708		40.00	12/1/1982				
	<b>Surface Casing; Set @ 370.0 ftKB ; Original Hole</b>										
		Set Tension (kips)	Mud Weight	Cut Pull Date		Depth Cut Pull (ftKB)					
		Item Des	OD (in)	ID (in)	Drift (in)	Wt (lb/ft)	Grade	Top Thread	Top (ftKB)	Btm (ftKB)	Len (ft)
		Casing Joints	8 5/8	8.097		20.00	J-55		7.0	369.0	362.00
		Float Shoe	8 5/8	8.097					369.0	370.0	1.00
	<b>Production Casing; Set @ 2,824.0 ftKB ; Original Hole</b>										
		Set Tension (kips)	Mud Weight	Cut Pull Date		Depth Cut Pull (ftKB)					
	Item Des	OD (in)	ID (in)	Drift (in)	Wt (lb/ft)	Grade	Top Thread	Top (ftKB)	Btm (ftKB)	Len (ft)	
	Casing Joints	4 1/2	4.052		9.50	J-55		7.0	2,823.0	2,816.00	
	Float Shoe	4 1/2	4.052					2,823.0	2,824.0	1.00	
<b>Description: Surface Casing Cement</b>											
<b>7.0-370.0</b>											
Top of Cement (ftKB): 7.0      Top Measurement Method: Volume Calculations											
	Fluid	Pump Start Date	Amount (sacks)	Class	Dens (lb/gal)	Vol Pumped (bbl)	Yield (ft <sup>3</sup> /sack)				
<b>Description: Production Casing Cement</b>											
<b>7.0-2,850.0</b>											
Top of Cement (ftKB): 7.0      Top Measurement Method: Volume Calculations											
	Fluid	Pump Start Date	Amount (sacks)	Class	Dens (lb/gal)	Vol Pumped (bbl)	Yield (ft <sup>3</sup> /sack)				
<b>WINFIELD D, Original Hole</b>											
<b>Tubing String: Tubing - Production</b>											
	Set Depth (ftKB)	Wellbore	Run Date	Pull Date	Cut Pull Date	Depth Cut Pull (ft...)					
	2,791.0	Original Hole	2/24/2006								
	Item Des	OD (in)	ID (in)	Drift (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Jts	
	Tubing	2 3/8	1.995	1.901	4.70	J-55	7.0	2,780.0	2,773.00	86	
	Seat Nipple	2 3/8					2,780.0	2,781.0	1.00	1	
	Mud Anchor	2 3/8					2,781.0	2,791.0	10.00	1	
<b>Rod String: Rod - Conventional</b>											
	Set Depth (ftKB)	In Tubing String					Pull Date				
	2,781.0										
	Item Des	OD (in)	Grade	Make	Model	Guide Des	Guides/Rod	Top (ftKB)	Btm (ftKB)	Len (ft)	Jts
	Polished Rod	1 1/4						-3.0	13.0	16.00	1
	Rod Sub	5/8						13.0	15.0	2.00	1
	Rod Sub	5/8						15.0	17.0	2.00	1
	Rod Sub	5/8						17.0	21.0	4.00	1
	Sucker Rod	5/8	H S	Norris	97			21.0	2,771.0	2,750.00	110
	Rod Pump	1 1/2						2,771.0	2,781.0	10.00	1
<b>Perforations</b>											
	Date	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Current Status					
	2/21/1981	WINFIELD, Original Hole	2,746.0	2,752.0	2.0						

# Current Wellbore Schematic

**WELL (PN):** ENGELLAND 1-14 (217763)  
**FIELD OFFICE:** GARDEN CITY  
**FIELD:** BRADSHAW  
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**LOCATION:** SEC 14-22S-40W, 1320 FSL & 3960 FEL  
**ROUTE:** GAR-KS-ROUTE 01C - CRAE BARR  
**ELEVATION:** GL: 3,528.0 KB: 3,535.0 KB Height: 7.0  
**DEPTHS:** TD: 2,850.0

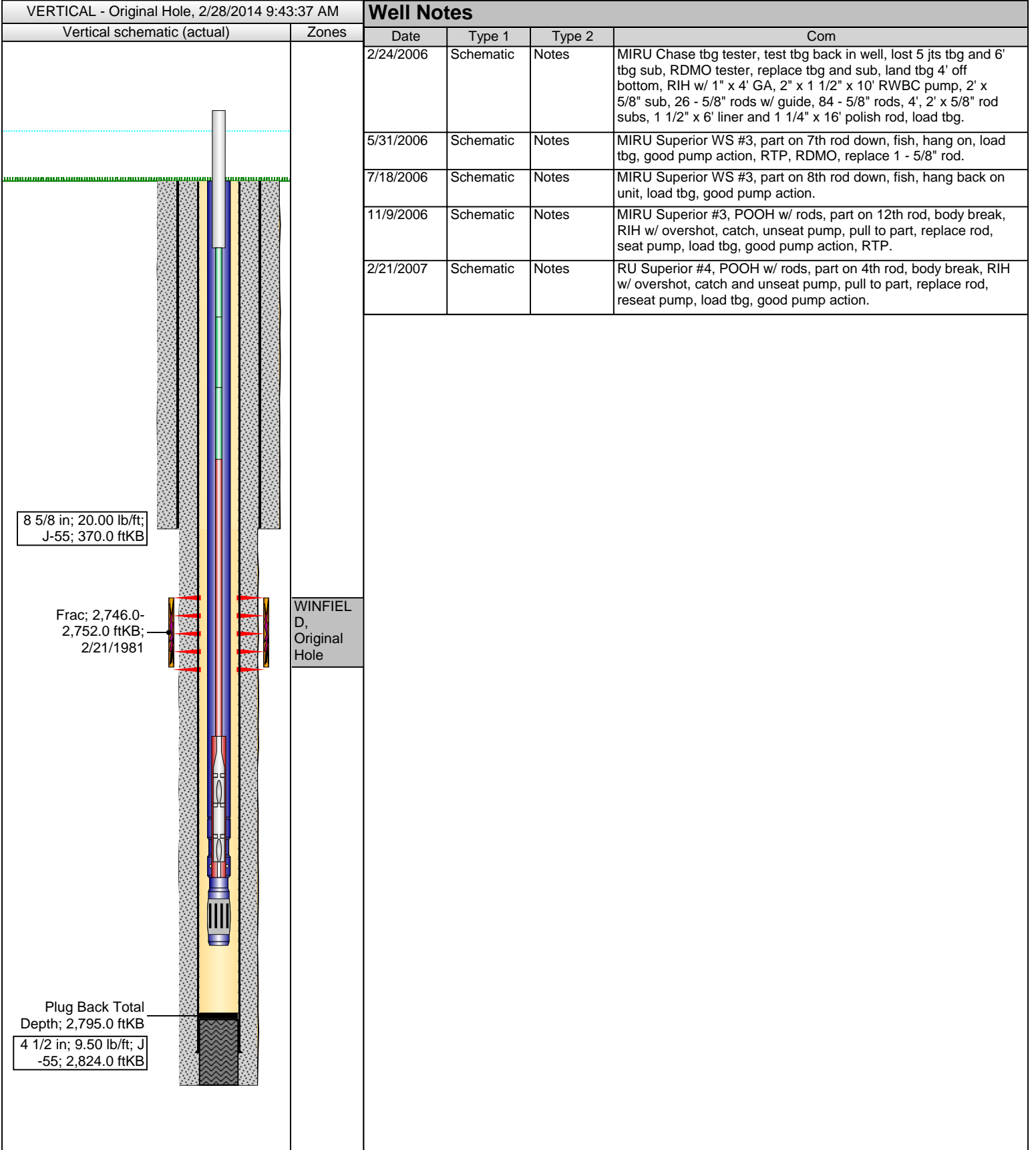
**API #:** 1507520371  
**Serial #:**  
**SPUD DATE:** 2/21/1981  
**RIG RELEASE:** 2/21/1981  
**1ST SALES GAS:** 12/1/1982  
**1ST SALES OIL:**  
**Current Status:** T/A

VERTICAL - Original Hole, 2/28/2014 9:43:37 AM		Stimulations & Treatments																																
Vertical schematic (actual)	Zones	<b>WINFIELD, Stage 1, Frac, 2/21/1981</b>																																
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Min Top Dep...</th> <th>Max Btm De...</th> <th>Total Clean...</th> <th>Avg Treat Pr...</th> <th>Q Treat Avg...</th> <th>Post ISIP (psi)</th> <th>Comment</th> </tr> <tr> <td>2,746.0</td> <td>2,752.0</td> <td>369.00</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <th colspan="2">Sand Size</th> <th>Type</th> <th>Amount</th> <th colspan="3">Conc (lb/gal)</th> </tr> <tr> <td colspan="2"></td> <td></td> <td></td> <td colspan="3"></td> </tr> </table>	Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment	2,746.0	2,752.0	369.00					Sand Size		Type	Amount	Conc (lb/gal)													
	Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment																											
	2,746.0	2,752.0	369.00																															
	Sand Size		Type	Amount	Conc (lb/gal)																													
<b>Well Notes</b>																																		
		Date	Type 1	Type 2	Com																													
		1/8/1995	Schematic	Notes	Pulled out 31 rods to part. replaced Rod. Went back in, pump wouldn't stroke-stuck open. Pulled out pump and rods.																													
		1/9/1995	Schematic	Notes	Back in with 2*1-1/2*10. Ran in 109 5/8" rods.																													
		8/14/1996	Schematic	Notes	MIRU. Found Parted rod 37 rods from the top.																													
		8/15/1996	Schematic	Notes	Finished rods. Replaced broken rod and ran back in hole.																													
		8/25/1997	Schematic	Notes	Rig broke down.																													
		8/26/1997	Schematic	Notes	TOH w/pump and rods. TOH w/ tbg no hole in tbg found. TIH w/MA, SN, 80jnts 2-3/8" tbg. pressure to 500# Held good. Fished standing valve out. TIH w/2*1-1/2*10' w/6'GA 110 5/8" rods.																													
		8/27/1997	Schematic	Notes	Pumping ok																													
		2/20/1998	Schematic	Notes	Pulled rods found body break on top of 25th rod. Fished and set pump, replace bad rod run back in hole good pump action hang back on.																													
		1/24/1999	Schematic	Notes	Long stroke pump, pressure tbg up to 700# hang well on pump well.																													
		1/26/1999	Schematic	Notes	Pull pump and rods. RBIH w/ pump and rods, long stroke pump good pump action, load tbg and pressure to 400# hang tods on , pump well.																													
		2/3/2000	Schematic	Notes	Rig up pulled 1-1/4*16' PR w/1-1/2*6' liner, 2' 5/8' rod sub 4' rod sub, pulled 42 5/8" rods rod was parted @ shoulder on 42 down from top. Fished it and replaced rod and put well back on line.																													
	WINFIELD, Original Hole	4/11/2000	Schematic	Notes	Rigged up and found a parted rod on 7 down from top. It was a body break. Fished it out and replaced rod and put well back on line.																													
		4/11/2000	Schematic	Notes	Rod parted 7th rod dwn f/ top, fish and replace rod.																													
		7/9/2000	Schematic	Notes	Replace parted rod 20th down f/ top.																													
		12/3/2000	Schematic	Notes	MIRU well service, pull 1 1/4" x 16' polish rod w/ 1 1/2" x 6' liner, 2' - 5/8" rod sub, 4' rod sub, pull 42 - 5/8" rods, rod was parted at shoulder on 42nd rod down from top, fish and replace rod, return well to production.																													
		3/24/2001	Schematic	Notes	Found rod part. fished it and replaced it POL.																													
		3/24/2001	Schematic	Notes	Replace parted rod.																													
		5/23/2001	Schematic	Notes	Found a rod parted. 4th rod replaced it POL.																													
		5/23/2001	Schematic	Notes	MIRU, found rod part on 4th rod down, fish and replace rod, return well to production.																													
		9/27/2001	Schematic	Notes	Found a rod had backed off. Fixed it and POL																													
		9/27/2001	Schematic	Notes	MIRU well service, found rod had backed off, repair rod, RTP.																													
		8/1/2002	Schematic	Notes	MIRU Superior WS, parted on 5th rod down, fish and hang on unit, load tbg.																													
		8/5/2004	Schematic	Notes	MIRU Superior WS, POOH w/ rods and top of pump, fish, did not rec pump, POOH w/ tbg.																													
		8/6/2004	Schematic	Notes	RIH w/ 10' MA, SN, 86 jts 2 3/8" tbg, 6', 4', 2' x 3/8" subs, RIH w/ rebuilt 2" x 1 1/2" x 10' pump and 110 - 5/8" rods, 4', 2', 2' x 5/8" rod subs, 1 1/2" x 6' liner, 1 1/4" x 16' PR, load tbg, RTP.																													
		2/23/2006	Schematic	Notes	MIRU Best WS #10, unseat pump, POOH w/ rods and pump, RU, lower tbg 4', POOH, hole in 4' tbg sub, POOH w/ all tbg, RIH w/ sand pump, tag @ 2,810', rec 2 gals dand, LD sand pump, RU 4 1/2" csg swab 2 hrs, IFL 2,650', rec 22 bbls brown water and 1/2 tsp of scale.																													

# Current Wellbore Schematic

**WELL (PN):** ENGELLAND 1-14 (217763)  
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**FIELD:** BRADSHAW  
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**LOCATION:** SEC 14-22S-40W, 1320 FSL & 3960 FEL  
**ROUTE:** GAR-KS-ROUTE 01C - CRAE BARR  
**ELEVATION:** GL: 3,528.0 KB: 3,535.0 KB Height: 7.0  
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**API #:** 1507520371  
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**SPUD DATE:** 2/21/1981  
**RIG RELEASE:** 2/21/1981  
**1ST SALES GAS:** 12/1/1982  
**1ST SALES OIL:**  
**Current Status:** T/A





# Chesapeake Energy Corporation

CST Production Monitor Export

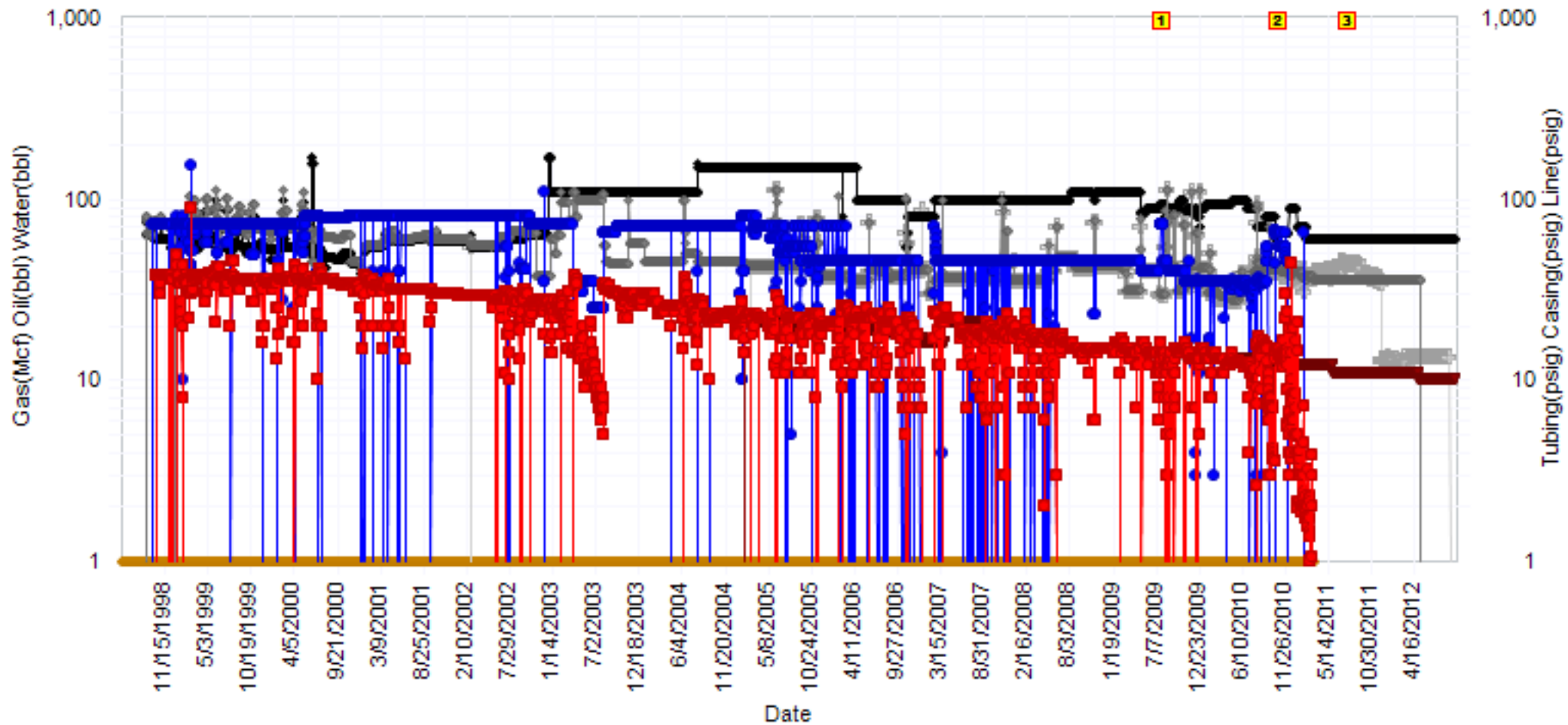
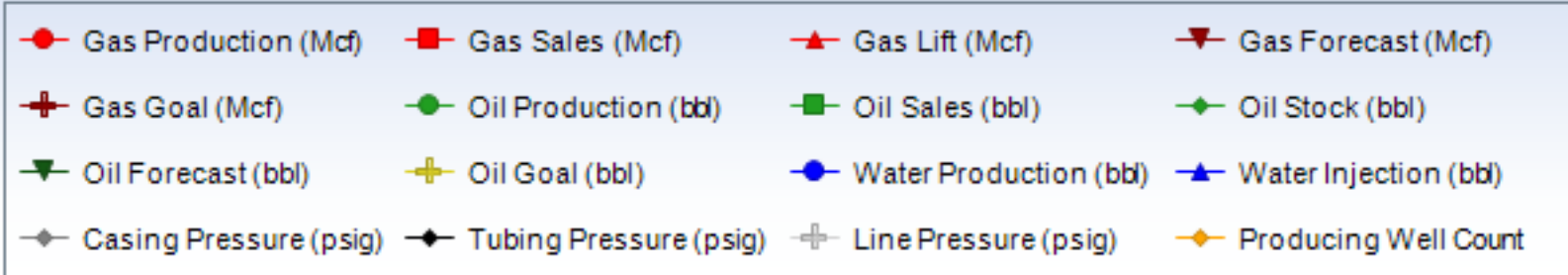
ENGELLAND 1-14 (WINFIELD)

1/1/1900 - 2/27/2014 | Gross Volumes | Operated Wells | 14.65 Pressure Base



Zone: ENGELLAND 1-14 (WINFIELD)  
in Route: GAR-KS-Route 01C - Crae Barr  
Production Engineer: Doug Kathol  
Production Foreman: Dennis Frick

Date Range Cum Gas Prod (Mcf): 100,602  
Date Range Cum Oil Prod (bbl): 0  
Date Range Cum Water Prod (bbl): 243,474  
Production Setting: Rod Pump - PU-ELC-AUTO





## Chesapeake Energy Corporation

CST Production Monitor Export

ENGELLAND 1-14 (WINFIELD)

1/1/1900 - 2/27/2014 | Gross Volumes | Operated Wells | 14.65 Pressure Base

Marker #	Date	Annotation	Created By	Created Date
1	7/21/2009	Workover/Failure/Rod Repair	WellviewJobInfo	7/21/2009
2	10/15/2010	Workover/Failure/Rod Repair	WellviewJobInfo	10/15/2010
3	7/13/2011	Workover/Abandon/Temporary Abandon Well	WellviewJobInfo	7/13/2011



## Chesapeake Energy Corporation

CST Operations 8/8ths LOS Report

LOS MAIN

01/2013 - 12/2013 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
ENGELLAND 1-14	217763	\$3.33	\$92.73	\$0.00	0	0	0	3,582	\$0.00	3,185	0	0	54	0	0	0	0	343	0	3,582	0	3,582
<b>Totals</b>		<b>\$3.33</b>	<b>\$92.73</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,582</b>	<b>\$0.00</b>	<b>3,185</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>343</b>	<b>0</b>	<b>3,582</b>	<b>0</b>	<b>3,582</b>

Chesapeake Energy Corporation

CST Operations 8/8ths LOS Report

ENGELLAND 1-14

01/2013 - 12/2013 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
ENGELLAND 1-14	217763	\$3.33	\$92.73	\$0.00	0	0	0	3,582	\$0.00	3,185	0	0	54	0	0	0	0	343	0	3,582	0	3,582

Line Item	01/2013	03/2013	09/2013	12/2013	Total
Gas Revenue Volume	0	0	0	0	0
Gas Sales	0	0	0	0	0
Gas Value	\$0	\$0	\$0	\$0	\$0
Gas Price	\$3.13	\$3.21	\$3.35	\$3.60	\$3.33
Oil Revenue Volume	0	0	0	0	0
Oil Sales	0	0	0	0	0
Oil Value	\$0	\$0	\$0	\$0	\$0
Oil Price	\$88.99	\$89.49	\$100.40	\$92.06	\$92.73
Royalty Burden	0	0	0	0	0
Royalty Percent	0.25000000	0.25000000	0.25000000	0.25000000	0.25000000
Revenue	0	0	0	0	0
MCFE	0	0	0	0	0
LOE Total	29	54	314	3,185	3,582
LOE Per MCFE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Ad Valorem Tax	0	0	0	3,185	3,185
Audit Charges	0	0	0	0	0
Company Labor	0	0	0	0	0
Compression	0	0	0	0	0
Contract Serv/Equip Rental	0	0	0	0	0
Field Facilities	0	0	0	0	0
Fuel Water Lube	0	0	0	0	0
Gas Processing	0	0	0	0	0
Insurance	0	0	314	0	314
Oil Processing	0	0	0	0	0
Other Expenses	0	0	0	0	0
Overhead	0	0	0	0	0
Pumping Service	0	0	0	0	0
Regulatory	0	0	0	0	0
Rents And Fees	0	0	0	0	0
Repairs & Maintenance	0	54	0	0	54
Salt Water Disposal	0	0	0	0	0
Salt Water Processing	0	0	0	0	0
Subsurface Repairs	0	0	0	0	0
Supplies	0	0	0	0	0
Telemetry	29	0	0	0	29
Transportation	0	0	0	0	0
Treating Expenses	0	0	0	0	0
Utilities	0	0	0	0	0
Workover	0	0	0	0	0
Gas Severance Tax	0	0	0	0	0
Oil Severance Tax	0	0	0	0	0
Severance Tax	0	0	0	0	0
IDC Monthly	0	0	0	0	0
WEQ Monthly	0	0	0	0	0
NRI	0.75000000	0.75000000	0.75000000	0.75000000	0.75000000
GW	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
Operating Cash Flow	(29)	(54)	(314)	(3,185)	(3,582)
Capital	0	0	0	0	0
Net Cash Flow	(29)	(54)	(314)	(3,185)	(3,582)

## Chesapeake Energy Corporation

## CST Operations 8/8ths LOS Report

## Totals

01/2013 - 12/2013 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	
<b>Totals</b>		<b>\$3.33</b>	<b>\$92.73</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,582</b>	<b>\$0.00</b>	<b>3,185</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>343</b>	<b>0</b>	<b>3,582</b>	<b>0</b>	<b>3,582</b>
Line Item		01/2013		03/2013		09/2013		12/2013		Total													
Gas Revenue Volume		0		0		0		0		0													
Gas Sales		0		0		0		0		0													
Gas Value		\$0		\$0		\$0		\$0		\$0													
Gas Price		\$3.13		\$3.21		\$3.35		\$3.60		\$3.33													
Oil Revenue Volume		0		0		0		0		0													
Oil Sales		0		0		0		0		0													
Oil Value		\$0		\$0		\$0		\$0		\$0													
Oil Price		\$88.99		\$89.49		\$100.40		\$92.06		\$92.73													
Royalty Burden		0		0		0		0		0													
Royalty Percent		0.25000000		0.25000000		0.25000000		0.25000000		0.25000000													
Revenue		0		0		0		0		0													
MCFE		0		0		0		0		0													
LOE Total		29		54		314		3,185		3,582													
LOE Per MCFE		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00													
Ad Valorem Tax		0		0		0		3,185		3,185													
Audit Charges		0		0		0		0		0													
Company Labor		0		0		0		0		0													
Compression		0		0		0		0		0													
Contract Serv/Equip Rental		0		0		0		0		0													
Field Facilities		0		0		0		0		0													
Fuel Water Lube		0		0		0		0		0													
Gas Processing		0		0		0		0		0													
Insurance		0		0		314		0		314													
Oil Processing		0		0		0		0		0													
Other Expenses		0		0		0		0		0													
Overhead		0		0		0		0		0													
Pumping Service		0		0		0		0		0													
Regulatory		0		0		0		0		0													
Rents And Fees		0		0		0		0		0													
Repairs & Maintenance		0		54		0		0		54													
Salt Water Disposal		0		0		0		0		0													
Salt Water Processing		0		0		0		0		0													
Subsurface Repairs		0		0		0		0		0													
Supplies		0		0		0		0		0													
Telemetry		29		0		0		0		29													
Transportation		0		0		0		0		0													
Treating Expenses		0		0		0		0		0													
Utilities		0		0		0		0		0													
Workover		0		0		0		0		0													
Gas Severance Tax		0		0		0		0		0													
Oil Severance Tax		0		0		0		0		0													
Severance Tax		0		0		0		0		0													
IDC Monthly		0		0		0		0		0													
WEQ Monthly		0		0		0		0		0													
NRI		0.75000000		0.75000000		0.75000000		0.75000000		0.75000000													
GWI		1.00000000		1.00000000		1.00000000		1.00000000		1.00000000													
Operating Cash Flow		(29)		(54)		(314)		(3,185)		(3,582)													
Capital		0		0		0		0		0													
Net Cash Flow		(29)		(54)		(314)		(3,185)		(3,582)													

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



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Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

September 03, 2014

Sarah Rodriguez/Doug Kathol  
Chesapeake Operating, Inc.  
6100 N WESTERN AVE  
PO BOX 18496  
OKLAHOMA CITY, OK 73118-1046

Re: Plugging Application  
API 15-075-20371-00-00  
ENGELLAND 1-14  
SW/4 Sec.14-22S-40W  
Hamilton 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 March 02, 2015. 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