



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: Sara Everett, Doug Kathol

DATE: February 7, 2014

RE: Plug and Abandon
BRADDOCK 1-2
SECTION 2-T23S-R40W
HAMILTON COUNTY, KS

Property Number: 217761

Chesapeake Energy **GWI: 100% NRI: 87.5%**

Recommendation:

This well was producing approximately 20 MCFPD when it was shut in in August of 2012. The well was drilled in 1981 to a TD of 2,650 and completed in the Winfield Formation. Cumulative production has been 203 MMCF of natural gas. The other well on the lease was recently shut in causing the need for this well to be plugged and abandoned.

Discussion:

BRADDOCK 1-2
Plug & Abandon Procedure
WINFIELD
VERTICAL
2/7/2014

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

WELL DATA:

Lease: BRADDOCK 1-2 **WI:** 1.000000 **NRI:** 0.875000

S-T-R: 2-T23S-R40W **County, St:** HAMILTON, KS

Location: C SW SW - 660 FSL & 4620 FEL OF SECTION

AFE #: 803066 **API #:** 1507520374 **Prop. #:** 217761 **IP:** Unknown

PBTD: 2,649' **TD:** 2,650' **Spudded:** 3/22/1981

Type: VERTICAL **Elevations** **GL:** 3,422' **KB:** 3,429' **KB-GL:** 7'

Surface Casing:

SIZE	WEIGHT	GRADE	TYPE	CEMENT	TOC	SET DEPTH	
						TOP	BTM
8-5/8"	24.00#	J-55	Surface Casing	275	Surface	0'	346'
4-1/2"	9.50#	J-55	Production Casing	500		0'	2,649'
2-3/8"	4.70#	J-55	Tubing			0'	2,618'

Production Casing and Tubing Data:

SIZE	WEIGHT	GRADE	ID	DRIFT	Bbl/Ft.	Gallons/Ft.	Burst	Collapse	Jnt St
8-5/8"	24.00#	J-55	8.0970"	7.9720"	0.0636	2.67490	2,950	1,370	
4-1/2"	9.50#	J-55	4.0900"	3.9650"	0.0162	0.68250	4,380	3,310	101

Well Driving Directions:

FROM SYRACUSE 7 M. N ON HWY 27, 4E, 1S, N/E INTO

Perf'd Formations

Depth Range

Stimulation Details

Treatable Water

1,100'

Stone Corral

2,198'

WINFIELD

2585' - 2594'

Acidized with 7.5% HCL ~ Frac'd w/15,000 gal & 20,000# sand

NOTES:

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). TOO H 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 5 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.

Chesapeake Energy Corporation

CST Operations 8/8ths LOS Report

Totals

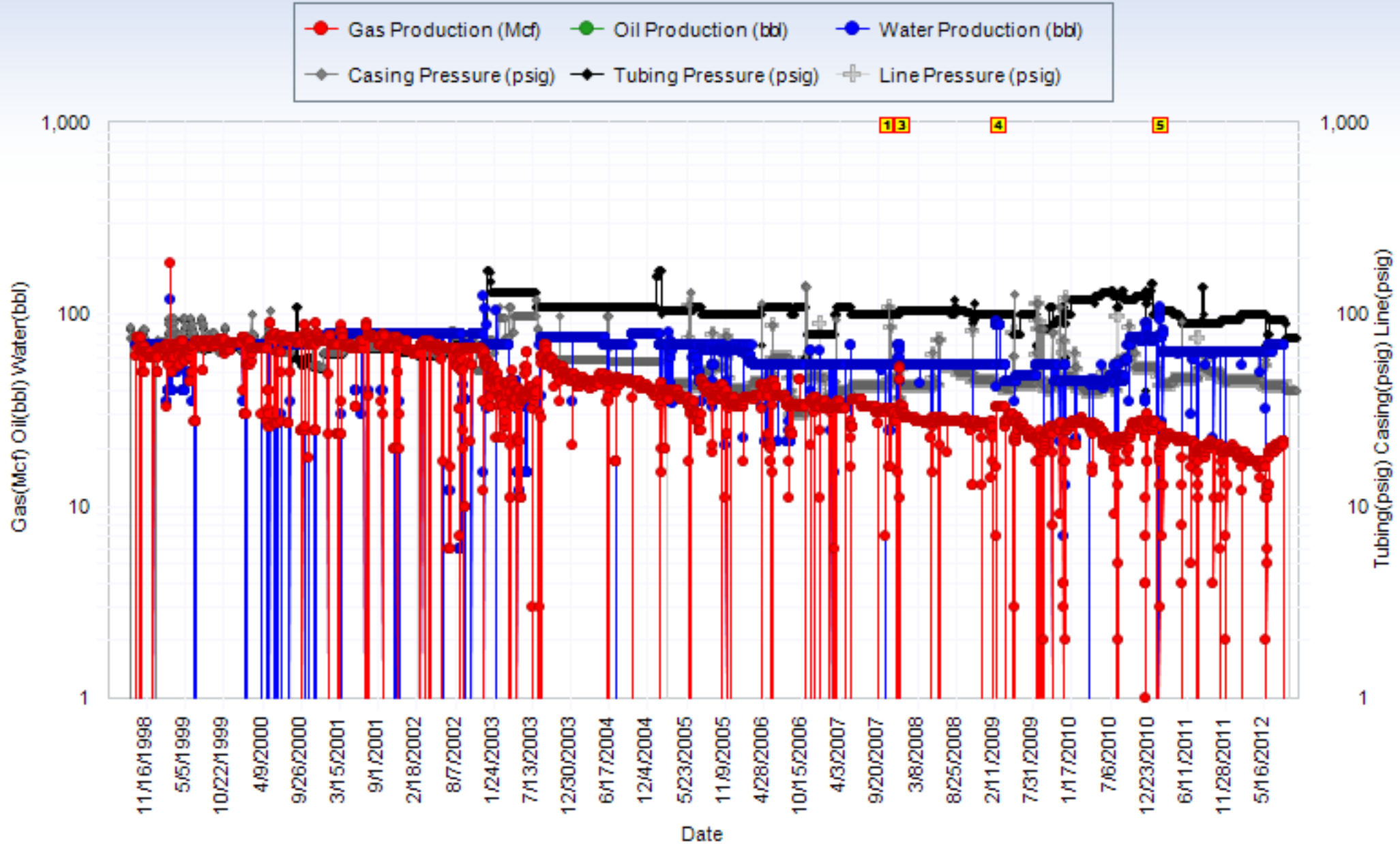
12/2012 - 11/2013 Gross Volumes | Operated Wells



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
Totals		\$2.17	\$90.72	\$0.00	0	0	0	1,148	\$0.00	352	0	0	48	0	0	0	0	748	0	1,148	0	1,148

Line Item	12/2012	02/2013	03/2013	09/2013	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	\$2.39	\$1.91	\$2.11	\$2.25	\$2.17
Oil Revenue Volume	0	0	0	0	0
Oil Sales	0	0	0	0	0
Oil Value	\$0	\$0	\$0	\$0	\$0
Oil Price	\$82.41	\$90.59	\$89.49	\$100.40	\$90.72
Royalty Burden	0	0	0	0	0
Royalty Percent	0.12500000	0.12500000	0.12500000	0.12500000	0.12500000
Revenue	0	0	0	0	0
MCFE	0	0	0	0	0
LOE Total	357	429	48	314	1,148
LOE Per MCFE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Ad Valorem Tax	352	0	0	0	352
Audit Charges	0	0	0	0	0
Company Labor	0	429	0	0	429
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	0	314	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	5	0	0	0	5
Rents And Fees	0	0	0	0	0
Repairs & Maintenance	0	0	48	0	48
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	0	0	0	0	0
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	0.87500000	0.87500000	0.87500000	0.87500000	0.87500000
GW	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000
Operating Cash Flow	(357)	(429)	(48)	(314)	(1,148)
Capital	0	0	0	0	0
Net Cash Flow	(357)	(429)	(48)	(314)	(1,148)

Zone: BRADDOCK 1-2 (WINFIELD)
 in Route: GAR-KS-Route 01C - Crae Barr
 Asset Manager: Doug Kathol
 Production Foreman: Dennis Frick





Chesapeake Energy Corporation

CST Production Monitor Export

BRADDOCK 1-2 (WINFIELD)

1/1/1900 - 2/4/2014 | Gross Volumes | Operated Wells | 14.65 Pressure Base

Marker #	Date	Annotation	Created By	Created Date
1	10/18/2007	Workover/Failure/Rod Repair	WellviewJobInfo	1/14/2010
2	12/12/2007	Workover/Failure/Rod Repair	WellviewJobInfo	1/14/2010
3	12/19/2007	Workover/Failure/Rod Repair	WellviewJobInfo	1/14/2010
4	2/17/2009	Workover/Failure/Tubing Repair	WellviewJobInfo	1/14/2010
5	2/7/2011	Workover/Failure/Pump Repair	WellviewJobInfo	2/7/2011

Current Wellbore Schematic

WELL (PN): BRADDOCK 1-2 (217761)
FIELD OFFICE: GARDEN CITY
FIELD: Bradshaw
STATE / COUNTY: KANSAS / HAMILTON
LOCATION: SEC 2-23S-40W, 660 FSL & 4620 FEL
ROUTE: GAR-KS-ROUTE 01C - CRAE BARR
ELEVATION: GL: 3,422.0 KB: 3,429.0 KB Height: 7.0
DEPTHS: TD: 2,650.0

API #: 1507520374
Serial #:
SPUD DATE: 3/22/1981
RIG RELEASE: 3/22/1981
1ST SALES GAS: 12/1/1982
1ST SALES OIL:
Current Status: T/A

VERTICAL - Original Hole, 2/6/2014 8:15:32 AM		Pumping Units									
	Zones	Type	Make	Model	SPM	SL (in)	Install Date				
	Conventional Crank	BROWNING	B40-42-18-0541		36.00	12/1/1982					
	Surface Casing; Set @ 346.0 ftKB ; Original Hole										
	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		24.00	J-55		7.0	345.0	338.00	
	Float Shoe	8 5/8						345.0	346.0	1.00	
	Production Casing; Set @ 2,649.0 ftKB ; Original Hole										
	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	4.090		9.50	J-55		7.0	2,648.0	2,641.00		
Float Shoe	4 1/2						2,648.0	2,649.0	1.00		
Description: Surface Casing Cement 7.0-346.0 Top of Cement (ftKB): 7.0 Top Measurement Method: Returns to Surface											
Fluid	Pump Start Date	Amount (sacks)	Class	Dens (lb/gal)	Vol Pumped (bbl)	Yield (ft ³ /sack)					
Lead	3/22/1981	275									
Description: Production Casing Cement 7.0-2,649.0 Top of Cement (ftKB): 7.0 Top Measurement Method: Estimated											
Fluid	Pump Start Date	Amount (sacks)	Class	Dens (lb/gal)	Vol Pumped (bbl)	Yield (ft ³ /sack)					
Lead	3/22/1981	500									
Tubing String: Tubing - Production											
Set Depth (ftKB)	Wellbore	Original Hole	Run Date	2/17/2009	Pull Date	Cut Pull Date	Depth Cut Pull (ft...)				
2,611.0											
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	2,600.0	2,593.00	85		
Seat Nipple	2 3/8					2,600.0	2,601.0	1.00			
Mud Anchor	2 3/8					2,601.0	2,611.0	10.00			
Rod String: Rod - Conventional											
Set Depth (ftKB)	In Tubing String					Tubing - Production set at 2,611.0ftKB on 2/17/2009		Pull Date			
2,607.0						12:00 AM					
Item Des	OD (in)	Grade	Make	Model	Guide Des	Guides/Rod	Top (ftKB)	Btm (ftKB)	Len (ft)	Jts	
Polished Rod	1 1/4		Norris	Piston Steel			0.0	16.0	16.00	1	
Sucker Rod	5/8	D	Norris	Grade 78			16.0	2,591.0	2,575.00	103	
Rod Insert Pump	1						2,591.0	2,601.0	10.00	1	
Gas Anchor	1						2,601.0	2,607.0	6.00	1	

Current Wellbore Schematic

WELL (PN): BRADDOCK 1-2 (217761)
FIELD OFFICE: GARDEN CITY
FIELD: Bradshaw
STATE / COUNTY: KANSAS / HAMILTON
LOCATION: SEC 2-23S-40W, 660 FSL & 4620 FEL
ROUTE: GAR-KS-ROUTE 01C - CRAE BARR
ELEVATION: GL: 3,422.0 KB: 3,429.0 KB Height: 7.0
DEPTHS: TD: 2,650.0

API #: 1507520374
Serial #:
SPUD DATE: 3/22/1981
RIG RELEASE: 3/22/1981
1ST SALES GAS: 12/1/1982
1ST SALES OIL:
Current Status: T/A

VERTICAL - Original Hole, 2/6/2014 8:15:32 AM		Perforations						
Vertical schematic (actual)	Zones	Date	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Current Status	
		4/27/1981	WINFIELD, Original Hole	2,585.0	2,594.0			
	Stimulations & Treatments							
	WINFIELD, <Stage Number?>, Acidizing, 3/22/1981							
	Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment	
	2,585.0	2,594.0	24.00					
	WINFIELD, Stage 1, Frac, 3/22/1981							
	Min Top Dep...	Max Btm De...	Total Clean...	Avg Treat Pr...	Q Treat Avg...	Post ISIP (psi)	Comment	
	2,585.0	2,594.0	357.00					
	Sand Size		Type		Amount		Conc (lb/gal)	
			Northern White Sand		20,000.0			
Well Notes								
Date	Type 1	Type 2	Com					
2/17/2009	Schematic	Notes	MIRU, SUPERIOR WELL SVC, RIG 4 # HSM, UNSEAT PMP GOOD VACUUM, TOH W/ RODS AND PMP, NDWH LOWER TBG 20', TOH W/ TBG HOLE IN BTM JT, MIRU TESTER, TEST TBG GIH, TESTED GOOD, LD, RIH W/ REBUILT PMP AND SAME RODS, LOAD TBG GPA, RTP, RDMO, FINAL,					

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
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

July 02, 2014

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

Re: Plugging Application
API 15-075-20374-00-00
BRADDOCK 1-2
SW/4 Sec.02-23S-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 December 29, 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