

Submit 1 Copy To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
October 13, 2009

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS. (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-36139 ✓
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Chesapeake Operating, Inc. ✓		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 18496 Oklahoma City, OK 73154-0496		7. Lease Name or Unit Agreement Name Russell 5 State ✓
4. Well Location Unit Letter T : 1980' feet from the South line and 990' feet from the East line Section 5 Township 15S Range 35E NMPM County Lea ✓		8. Well Number 1 ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4024' GR		9. OGRID Number 147179 ✓
		10. Pool name or Wildcat Morton; Mississippian (Gas) ✓

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS: ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Run MIT for TA ☒

13. Describe proposed or completed operations: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work): SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion:

Please find attached the MIT chart ran in order to temporarily abandon this well for 5 years or the maximum time allowed.

This Approval of Temporary
Abandonment Expires 2-2-2015

RECEIVED
FEB 02 2010
HOBBSOCD

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Bryan Arrant

TITLE Senior Regulatory Compl. Sp.

DATE 02/02/2010

Type or print name Bryan Arrant

E-mail address: bryan.arrant@chk.com

PHONE: (405)935-3782

For State Use Only

APPROVED BY:

Conny W. Hill

TITLE

DISTRICT 1 SUPERVISOR

DATE

FEB 03 2010

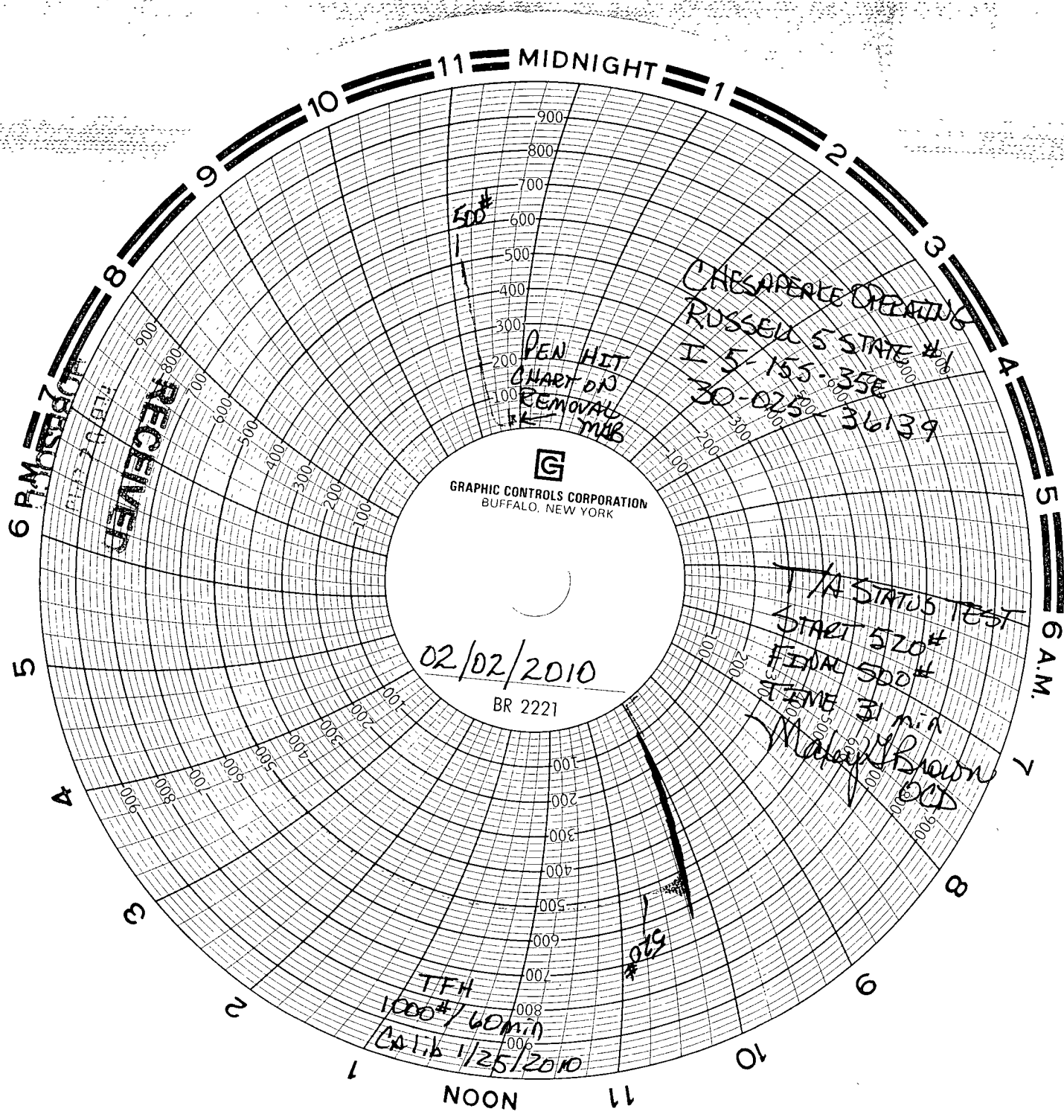
Conditions of Approval (if any):

CURRENT WELLBORE SCHEMATIC

WELL: RUSSELL 5 STATE 1
FIELD: AUSTIN MORROW SOUTHWEST GAS
COUNTY / STATE: LEA / NEW MEXICO
LOCATION: SEC 5, 15S-35E, 1980 FSL & 990 FEL
ELEVATION: 4,024.00 GL 4,049.00 RKB

PN: 819446 Chesapeake
API: 3002536139
SPUD DATE: 6/30/2003
RIG RELEASE: 8/19/2003
FIRST SALES:
4/14/2003

Well Config: VERTICAL - Original Hole, 2/3/2010 12			Wellheads								
ftKB (MD)	ftKB (TVD)	Incl	Schematic - Actual		Type	Comment					
25				Surface Casing; Set @ 438.0 ftKB; Original Hole							
				String OD (in)	String ID (in)	String Wt (lb)	String Grade	String Top T	Set Tension (kips)	Mud Weight	Depth Cut P.
				13 3/8	12.715	48.00	H-40	ST&C			
				Comment							
437				Intermediate Casing; Set @ 4,500.0 ftKB; Original Hole							
				String OD (in)	String ID (in)	String Wt (lb)	String Grade	String Top T	Set Tension (kips)	Mud Weight	Depth Cut P.
				9 5/8	8.835	40.00	J-55	LT&C			
				Comment							
438				Production Casing; Set @ 13,800.0 ftKB; Original Hole							
				String OD (in)	String ID (in)	String Wt (lb)	String Grade	String Top T	Set Tension (kips)	Mud Weight	Depth Cut P.
				5 1/2	4.892	17.00	L-80	LT&C			
				Comment							
4,499				Description: Surface Casing Cement							
				25.0-438.0							
				Top (ftKB): 25.0 Top Measurement Method: Cement Bond Log							
				Fluid	Pump Start	Amount (sacks)	Class	Density (lb/gal)	V (bbl)	Yield (ft ³ /sack)	
				Lead	7/1/2003	180	C	12.40			2.03
				Tail	7/1/2003	200	C	14.80			1.34
			Description: Intermediate Casing Cement								
			25.0-4,500.0								
			Top (ftKB): 25.0 Top Measurement Method: Cement Bond Log								
			Fluid	Pump Start	Amount (sacks)	Class	Density (lb/gal)	V (bbl)	Yield (ft ³ /sack)		
			Lead	7/9/2003	950	C	11.90			2.45	
			Tail	7/9/2003	200		14.80			2.45	
			Description: Production Casing Cement								
			9,950.0-13,800.0								
			Top (ftKB): 9,950.0 Top Measurement Method: Cement Bond Log								
			Fluid	Pump Start	Amount (sacks)	Class	Density (lb/gal)	V (bbl)	Yield (ft ³ /sack)		
				8/19/2003	1,185		14.40			1.31	
			Description: Cement Squeeze								
			7,000.0-8,860.0								
			Top (ftKB): 7,000.0 Top Measurement Method:								
			Fluid	Pump Start	Amount (sacks)	Class	Density (lb/gal)	V (bbl)	Yield (ft ³ /sack)		
			Description: Cement Squeeze								
			Top (ftKB): Top Measurement Method:								
			Fluid	Pump Start	Amount (sacks)	Class	Density (lb/gal)	V (bbl)	Yield (ft ³ /sack)		
			Perforations								
			Date	Zone	Top (ftKB)	Blm (ftKB)	Shot Dens (shots/ft)				
			11/26/2008		8,860.0	8,860.0	4.0				
			9/5/2003		13,438.0	13,458.0	4.0				
			9/5/2003		13,468.0	13,478.0	4.0				
			Stimulations								
			<Zone?> Acidizing: 20% Gel XL HCL; 9/16/2003								
			Top (ftKB)	Bottom (ftKB)	VolPumped (L)	P (avg) (psi)	Rate (avg)	Post ISIP (psi)	Comment		
			13,438.0	13,478.0	95.24	7,358.0	0	7,200.0			
			<Zone?> Acidizing: 15% HCL; 9/7/2003								
			Top (ftKB)	Bottom (ftKB)	VolPumped (L)	P (avg) (psi)	Rate (avg)	Post ISIP (psi)	Comment		
			13,438.0	13,478.0	47.62	7,980.0	0	7,950.0			



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

02/02/2010

BR 2221

RECEIVED

CHESAPEAKE OPERATING
RUSSELL 5 STATE #1
I 5-155-35E
30-025
36139

PEN HIT
CHART ON
REMOVAL
MAB

T/A STATUS TEST
START 520#
FINAL 500#
TIME 3 min
Mayer Brown
OLD

TFH
1000#/60min
CALIB 1/25/2010