

## STATE OF LOUISIANA OFFICE OF CONSERVATION PERMIT TO DRILL FOR MINERALS

FEE: \$1264

SERIAL NO. 243123

Approval Date 04/18/2011

API 17017350420000

Expiration Date 10/14/2011

09 PARISH

CADDO

HORIZONTAL

SHREVEPORT DISTRICT

4313 FIELD

GREENWOOD-WASKOM

C084 OPERATOR CHESAPEAKE OPERATING, INC.

333 TEXAS STREET

**SUITE 1100** 

SHREVEPORT, LA 71101-0000

WELL NAME: HA RA SU90, WAITS 33-17-15 H

NO. 001

LOCATION OF WELL: SEC 033 T 17N R 15W M W

832' FSL & 1730' FWL OF SEC 33. PBHL: 250' FNL & 1650' FWL OF SEC 33.

ZONE OR RESERVOIR OF PROPOSED COMPLETION: HAYNESVILLE

Measured Dept 17600

True Vertical Depth 11800

APPLICABLE OFFICE OF CONSERVATION ORDERS: 29B-1

JAMES H. WELSH

JEFF WELLS

COMMISSIONER OF CONSERVATION

ISSUING AUTHORITY

WELL FILE



BOBBY JINDAL GOVERNOR

## State of Louisiana DEPARTMENT OF NATURAL RESOURCES OFFICE OF CONSERVATION

SCOTT A. ANGELLE SECRETARY

JAMES H. WELSH COMMISSIONER OF CONSERVATION

APRIL 19,2011

CHESAPEAKE OPERATING, INC. 333 TEXAS STREET SUITE 1100 SHREVEPORT, LA 71101-0000

\*\*\* PERMIT TO DRILL \*\*\*

RE. CADDO PARISH GREENWOOD-WASKOM FIELD HA RA SU90, WAITS 33-17-15 H NO. 001 SER NO. 243123

GENTLEMEN.

WE ARE ISSUING THE ATTACHED PERMIT TO DRILL FOR THE ABOVE REFERENCED WELL WITH THE UNDERSTANDING THAT YOU WILL COMPLY WITH THE FOLLOWING CONDITIONS:

FURNISH THE APPROPRIATE DISTRICT MANAGER WITH A DIRECTIONAL SURVEY AS PROOF THAT THE WELL HAS BEEN DRILLED IN COMPLIANCE WITH THE PROVISIONS OF LAC 43.XIX 135.C (STATEWIDE ORDER NO. 29-B)

NO ALLOWABLE WILL BE ASSIGNED SAID WELL UNLESS IN COMPLIANCE WITH THE ABOVE PROVISIONS.

PLEASE BE ADVISED THAT A PERMIT TO DRILL ISSUED BY THE OFFICE OF CONSERVATION DOES NOT RELIEVE THE OPERATOR OF THE OBLIGATION TO COMPLY WITH FEDERAL, LOCAL, OR OTHER STATE PERMITTING OR REGULATORY REQUIREMENTS.

YOURS TRULY,

JEFF WELLS

COMMISS

JW : DP

CC. JAMES BROUSSARD

SHREVEPORT, DISTRICT MANAGER

29B-1

SERIAL NO	04/13/2011	CODE NUMBERS
FIELD Greenwood-Waskom	- 1/2 - 1/2	4313
OPERATOR Chesapeake Operating, Inc.		C084
ADDRESS 333 Texas Street, Suite 1100	3000 F E. Wer	
CITY Shreveport	STATELA	ZIP 71101
WELL NAME HA RA SU90; Waits 33-17-15 H		No. 001
DOCATION: Sec. 033 T 17N R 15W 5 PBHL: 250' FNL & 1650' FWL of Section 33.	SL: 832' FSL & 1730' F	WL of Section 33.
and ZONE or RESERVOIR OF PROPOSED COMPLETION Hayriesville RA		0' MD / 11800' TVD
APPLICABLE CONSERVATION ORDERS 29B, 270-MM-59 off da	te 11-30-10	
SEND PERMIT TO. Sara Loftin	48 17	
FOR ADDITIONAL INFORMATION, CONTACT Sara Loftin  BY Saus Politics	Phone No :	(318)674-7214 APPLICANT'S SIGNATURE
DISTRICT APPROVAL	LIK MAIII	DATE 4-15-11
DISTRICT AFFROYAL		
ISSUED BY Katheline Grand	11 144	DATE 4-18-11

Form MD 10-R (3/2005)

RECENTED

OFFICE OF CONSERVATION SHREVEPORT, I A

## STATE OF LOUISIANA OFFICE OF CONSERVATION

TO: Baton Rouge Office

April 15, 2011

FROM: Shreveport District Office ATTN: Permit Section
Enclosed herewith please find application from Chesapeake Operating Inc (C084) Shreveport, LA for permit to drill
their HA RA SU90; Waits33-17-15H #1
Gregan field, Besoto CAddo Parish.
Also enclosed please find: Invoice Number 577146 Check No. 2909 in the amount of \$1264.00
XX Well location plat XX Well location certification  Packer setting certification  CC 5/
Packer setting certification Packer leakage certification Form ADC  Packer setting certification  29B-1
Electric Log Schematic diagram
Applicable Office of Conservation Order Nos. 270-MM-59 . Remarks & Recommendations: *Complies with 270-MM-59 effective 11/30/10.
*Well spacing set in 270-MM-2 at 330'/660'.  *No well ever permitted/drilled to HA RA SU90.  *Comply with 29-B.
BY: District Engineer

RECEIVED

APR 1 8 2011

OFFICE OF CONSERVATION PERMIT SECTION

