

FORM MD-10-R A

REV 3/2005

STATE OF LOUISIANA
OFFICE OF CONSERVATION

October 6, 2010

TO: Baton Rouge Office ~
FROM: Shreveport District Office
ATTN: Permit Section

Enclosed herewith please find application from Chesapeake Operating
Inc (C084) Shreveport, LA for permit to Amend

their SN-242011 HA RA SUG;Guin 20-13-7H #1

Ashland field, Natchitoches Parish.

Also enclosed please find: Invoice Number 562709
Check No. 2610 in the amount of \$126.00.

XX Well location plat
XX Well location certification

293.1

 Packer setting certification
 Packer leakage certification
 Form ADC
 Electric Log
 Schematic diagram

Applicable Office of Conservation Order Nos. 1262-E
Remarks & Recommendations:

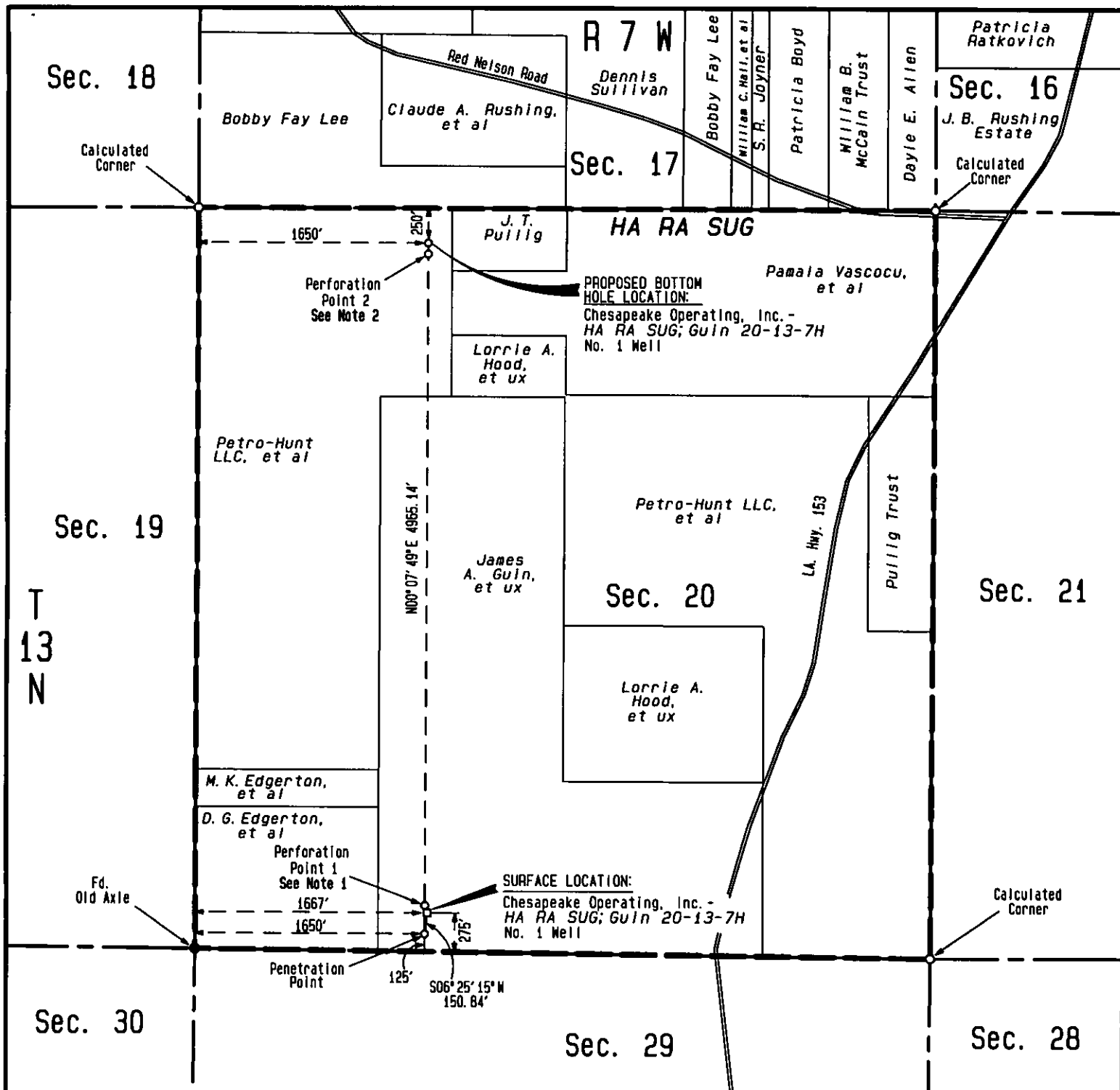
- *Form MD-10-R-A filed for the change in the proposed BHL of the single horizontal lateral to be drilled in the HA RA - surface location remains the same.
- *Complies with 1262-E effective 5/04/10.
- *Spacing for the HA RA set in order 1262-E @ 330'/660'.

BY: *M. Maranto*
District Engineer

RECEIVED

OCT - 8 2010

OFFICE OF CONSERVATION
PERMIT SECTION



SURFACE LOCATION	
NAD 27	NAD 83
LAT: 32.090388 N	LAT: 32.090544 N
LONG: 93.111879 W	LONG: 93.112046 W
X=1,810,506	X=3,091,292
Y= 518,410	Y= 579,116
PROPOSED BOTTOM HOLE LOCATION	
NAD 27	NAD 83
LAT: 32.103625 N	LAT: 32.103781 N
LONG: 93.111985 W	LONG: 93.112152 W
X=1,810,501	X=3,091,287
Y= 523,226	Y= 583,931

NAD 27	
PENETRATION POINT	X=1,810,489 Y= 518,261
PERFORATION POINT 1	X=1,810,490 Y= 518,466
PERFORATION POINT 2	X=1,810,500 Y= 523,146

Note 1: Perforation Point to be no closer than 330' from the South Line of Section 20.

Note 2: Perforation Point to be no closer than 330' from the North Line of Section 20.

Chesapeake Operating, Inc. -
HA RA SUG; Guin 20-13-7H No. 1 Well
Revised September 16, 2010 as follows:
SURFACE LOCATION being 275' from the South Line and 1667' from the West Line of Section 20, located in Section 20, T13N-R7W.
PROPOSED BOTTOM HOLE LOCATION to be 250' from the North Line and 1650' from the West Line of Section 20, located in Section 20, T13N-R7W, Natchitoches Parish, Louisiana.

Elevation of Ground at Location +164' NAVD 88.

No residential or commercial structures exist within a 500' radius of the proposed well location on September 16, 2010.

Note: This well is subject to the provisions of Order U-HS.



[Signature]
John W. Fenstermaker
Professional Land Surveyor
Registration No. 4797



CHESAPEAKE OPERATING, INC.
HA RA SUG; Guin 20-13-7H No. 1 Well
Section 20, T13N-R7W
Natchitoches Parish, Louisiana
C.H. Fenstermaker & Associates, Inc.

1000' 500' 0' 1000'

Civil Engineers Environmental Consultants Land Surveyors
Houston Lafayette New Orleans

REVISED: 09/16/10 MKC

2108112 I: /Infocad/north/COINLA2 442

Drawn By: MKC

Date: August 11, 2010

Proj. Mgr.: JMF