



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Jim Justice, Governor
Austin Caperton, Cabinet Secretary
www.dep.wv.gov

PERMIT MODIFICATION APPROVAL
Horizontal / New Drill

EAGLE NATRIUM LLC
POST OFFICE BOX 191

NEW MARTINSVILLE, WV 26155

Re: Permit Modification Approval for 14 BRINE WELL
47-051-01919-00-00

REVISION OF CONTOUR PLOT FOR THE BOTTOM OF THE #1 F4 SALT

EAGLE NATRIUM LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief


Operator's Well Number: 14 BRINE WELL
Farm Name: EAGLE NATRIUM, LLC / AXIAL CORPORATION
U.S. WELL NUMBER: 47-051-01919-00-00
Horizontal / New Drill
Date Issued: September 12, 2017

Promoting a healthy environment.

09/15/2017

AUG 31 2017

February 20, 2017
REV. 8/31/2017

WV Department of
Environmental Protection

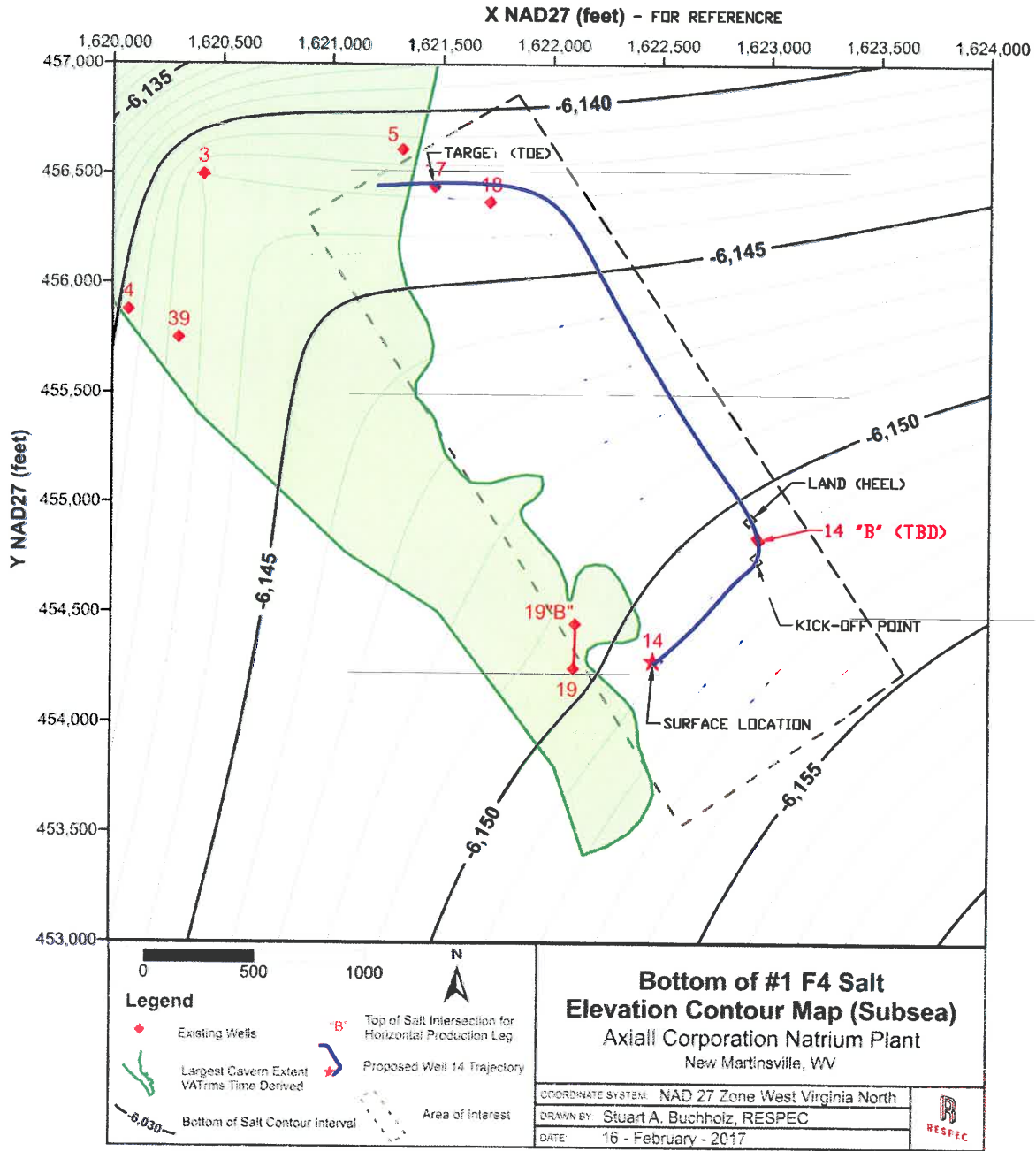


Figure 2. Contour Plot of the Subsea Elevations for the Bottom of the #1 F4 Salt.

5101919B



PROPOSED LOCATIONS	NAD 83	
	NORTHING	EASTING
#14 BRINE WELL SURFACE	4,398,848.9	513,467.5
KICK-OFF POINT	4,398,884.2	513,465.3
LAND (HEEL)	4,398,950.6	513,480.3
TDE (TARGET)	4,399,519.7	513,188.9

February 20, 2017
REV. 4/3/2017

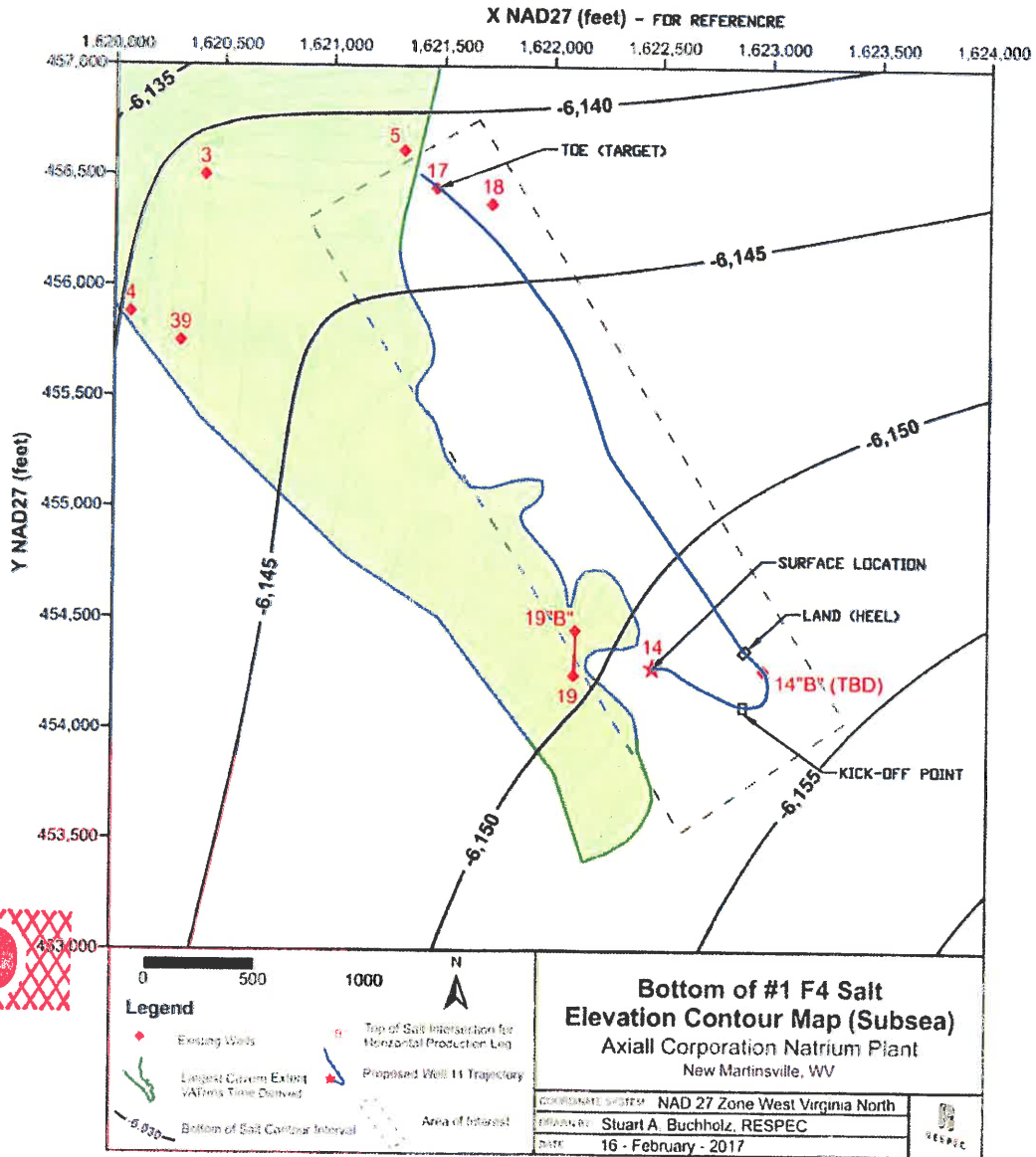


Figure 2. Contour Plot of the Subsea Elevations for the Bottom of the #1 F4 Salt.

F4 SALT

RECEIVED
Office of Oil and Gas

APR 4 2017

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09/15/2017