

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 11 2004

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM0555569
2. Name of Operator CHESAPEAKE OPERATING, INC.		6. If Indian, Allottee or Tribe Name
3a. Address OKLAHOMA CITY, OK 73154-0496	3b. Phone No. (include area code) Ph: 405.767.4275 Fx: 405.879.9583	7. If Unit or CA/Agreement, Name and/or No. NMNM70946X
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T17S R29E SWNE 1980FNL 2180FEL		8. Well Name and No. EMPIRE S DEEP 5
		9. API Well No. 30-015-21279-00-S1
		10. Field and Pool, or Exploratory EMPIRE
		11. County or Parish, and State EDDY COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Site Facility Diagram/Security Plan
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Attached is the site facility diagram for the Empire SDU 5.

(PN 890429)

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #34292 verified by the BLM Well Information System For CHESAPEAKE OPERATING, INC., sent to the Carlsbad Committed to AFMSS for processing by LINDA ASKWIG on 08/09/2004 (04LA0662SE)</b>	
Name (Printed/Typed) LINDA GOOD	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 08/09/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <b>ACCEPTED</b>	LES BABYAK Title PETROLEUM ENGINEER	Date 08/09/2004
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

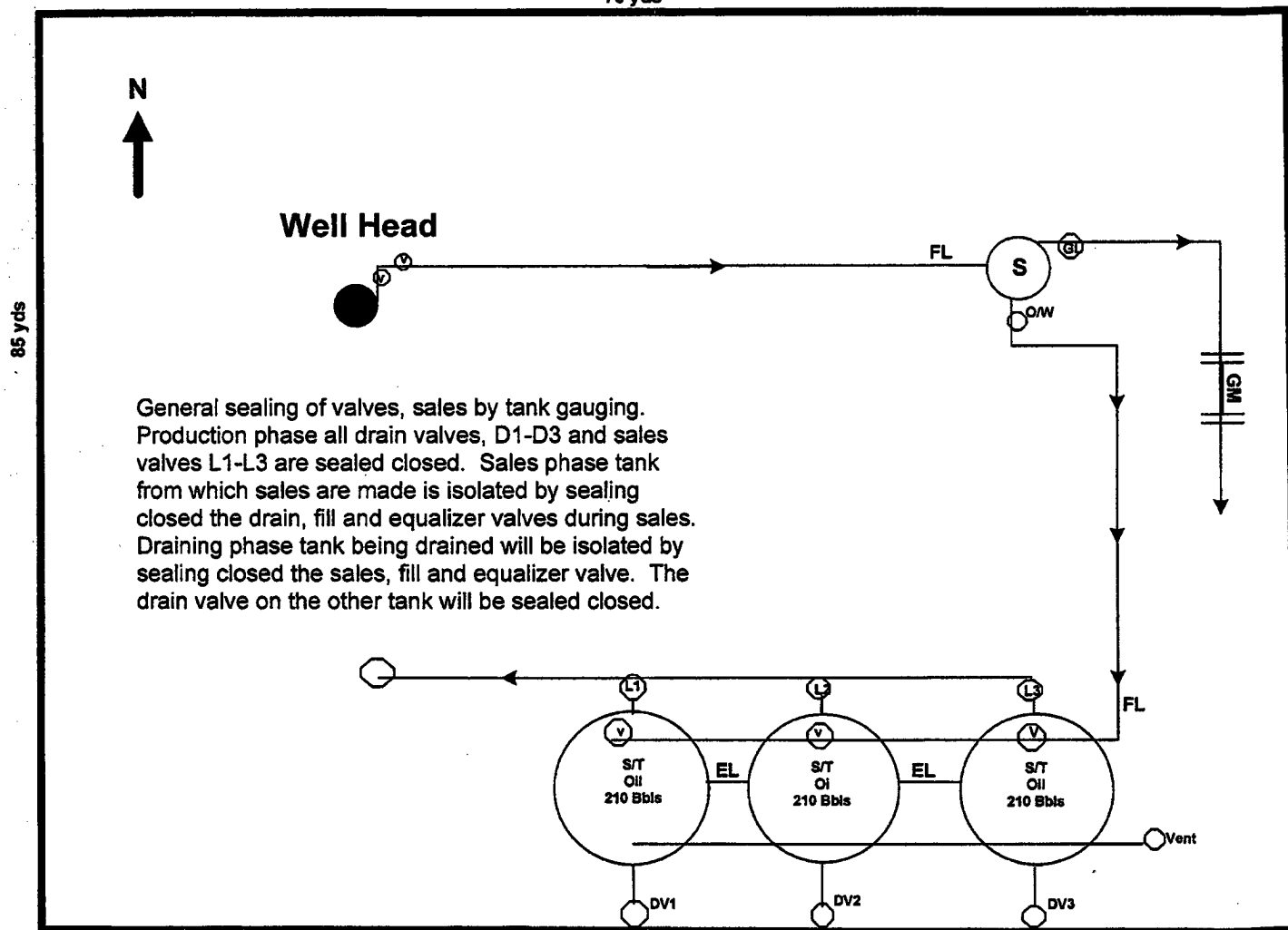
# CHESAPEAKE OPERATING, INC.

CHK Name & Number: EMPIRE SDU 5  
 API number: 30-015-21279  
 County: EDDY  
 State: NM  
 Field: EMPIRE SOUTH  
 Qtr Qtr Calls: W2 SW NE  
 Sec/Twnshp/Rng: 31-17S-29E  
 Number of Acres: 320

890429

Regulatory Agency: BLM  
 Lease Sign Type: FEDERAL  
 UA#: NMNM 70946X  
 APD Lease #: NMNM 555569  
 Federal/Indian: FEDERAL  
 Last Violation: UNKNOWN  
 District: PERMIAN  
 Field Office: HOBBS

70 yds



EMPIRE SDU 5\_890429

This lease is subject to  
 Chesapeake's Site Security  
 Plan located at 6100 N. Western  
 Oklahoma City, OK 73118

Direction of Flow off Site: W

Prepared by: DEBBIE HERNANDEZ  
 Date: 6-25-04

Approved by:  
 Date: