Form 3160-5 (August 2007)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SEP 05 2012

FORM APPROVED OMB NO. 1004-0135 Expires July 31, 2010

Lease Serial No. NMLC029387D SUNDRY NOTICES AND REPORTS ON WELLSIMOCD ARTES

abandoned well. Use form 3160-3 (APD) for such proposals.				Illottee or Tribe Name	
SUBMIT IN TRIPLICATE - Other instructions on reverse side.				CA/Agreement, Name and/or No.	
1. Type of Well				and No	
☑ Oil Well ☐ Gas Well ☐ Other				SHUGART 31	
Name of Operator Contact ERIN CARSON     CHESAPEAKE OPERATING INC E-Mail: erin.carson@chk.com				lo. 5648-00-S1	
3a Address 3b. Phone No. (include area code) Ph: 405-935-2896				Pool, or Exploratory RT YATES-7 RIV-QN-GB	
OKLAHOMA CITY, OK 73154		n. <del>1</del> 05-955-2656	01100/11	(TIMESTING QIV-OB	
4. Location of Well (Footage, Sec., T, R, M., or Survey Description)			11. County or	11. County or Parish, and State	
Sec 30 T18S R31E SWSW 330FSL 660FWL			EDDY C	OUNTY, NM	
12. CHECK APPI	ROPRIATE BOX(ES) TO IN	NDICATE NATURE O	F NOTICE, REPORT, OR	OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION				
Nation of Intent	☐ Acidize	Deepen	☐ Production (Start/Res	ume) Water Shut-Off	
☐ Notice of Intent	Alter Casing	Fracture Treat	Reclamation	☐ Well Integrity	
Subsequent Report     ■	Casing Repair	☐ New Construction	Recomplete	Other	
☐ Final Abandonment Notice	☐ Change Plans	Plug and Abandon	Temporarily Abandon		
<del></del>	Convert to Injection	☐ Plug Back	☐ Water Disposal		
	ally or recomplete horizontally, give rk will be performed or provide the operations. If the operation results bandonment Notices shall be filed of inal inspection.)	e subsurface locations and me Bond No. on file with BLM/ in a multiple completion or only after all requirements, in-	easured and true vertical depths of BIA. Required subsequent reports recompletion in a new interval, a leduding reclamation, have been co	all pertinent markers and zones. s shall be filed within 30 days Form 3160-4 shall be filed once mpleted, and the operator has  THE WELLBORE  of the well bore, tained until	
14 Thereby certify that the foregoing is  Com  Name (Printed/Typed) ERIN CAF	Electronic Submission #145 For CHESAPEAKE mitted to AFMSS for processi	OPERATING INC, sent to ng by WE\$LEY INGRAM	o the Carlsbad	•	
				24da	
Signature (Electronic S			5/2012	3 <sup>4™</sup>	
-	THIS SPACE FOR	FEDERAL OR STAT	E OFFICE USE	_	
ACCEPT	EN	JAMES	A AMOS	,	

Approved By

TitleSUPERVISOR EPS

Date 09/01/2012

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.

### 6/7/2012 MIRUSU - SET CIBP @ 2,317' - SPOT 25 SX CMT ON PLU

SITP: 0 PSI; SICP. 0 PSI HELD PJSA.RIG WAS ALREADY IN PLACE. CONDUCTED RIG UP SAFETY INSPECTION. SITE HAD AN ELECTRICAL LINE RUNNING TO MIDDLE OF PADSHUT DOWN CREW - COTACTED COMPANY SAFETY REP & ELECTRICIAN TO GET POWER TO LINE SHUT OFF - FINISHED INSPECTION.R/U ROD STRIPPER & POH LAYING DOWN (99) RODS - R/D ROD STRIPPER - N/D WELL HEAD & N/U BOP - POH WITH (83) JOINTS OF 2 7/8"TUBING - P/U ÇIBP & SETTING TOOL - RIH RIH WITH (74) JTS OF 2 3/8" WORKSTRING TO 2,350" - UNSUCCESFULLY ATTEMPTED TO SET CIBPCONTACTED BLM REP JOE SALCIDO AND RECEIVED PERMISSION TO SET CIBP ONE JOINT HIGHER. PULLED CIBP TO 2,317" - SET CIBP. RELEASED OFF SETTING TOOL & CIRCULATED HOLE WITH 9.5# MUD (52 BBLS). SPOTTED 25 SX OF CLASS C NEAT CEMENT ON TOP OF CIBPDISPLACED TUBING WITH 8 BBLS OF 10# BRINE. POH AND STOOD BACK TUBING - SECURED THE WELL & SDFN

## 6/8/2012 TAG UP ON PLUG - PERFORATE AND SPOT PLUG

SICP: 0 PSI. HELD PJSARIH AND TAGGED TOC @ 2.090' - POH W/ TUBING. W/O WIRELINE UNIT 3 HOURS - R/U AND RIH W/ WIRELINE - PERFED 5 1/2" CASING@ 1,876' - POH AND R/D WIRELINE - P/U & RIH WITH AD1 PACKER & (44) JOINTS TUBING - SET PACKER @ 1,415' - R/U CEMENTERSPUMPED 9.5# MUD & PRESSURED UP TO 1,000# AND WAITED 10 MINUTES - TUBING BLED OFF TO 925# AFTER 10 MINUTESCONTACTED JOE BALDERAZ @ BLM - RECEIVED PERMISSION TO DROP 50' BELOW CURRENT PERFORATIONS AND SROT A 25 SX PLUG@ 1,929' - UNSET PACKER - RIH W/ ADDITIONAL 16 JTS (60 JTS TOTAL IN HOLE) TO 1,929' - R/U CEMENTER & SPOTTED 25 SX CLASS C NEATCEMENT - DISPLACING WITH 5 BBLS OF 10# BRINE (ESTIMATED TOC 1,682') - POH W/ 20 JTS - LEFT EOT @ 1,285'SECURED THE WELL & SDFWE

## 6/11/2012 TAG UP ON PLUG - PERF AND SQUEEZE CEMENT

SITP: 0 PSI. HELD PJSA. RIH W/ 55 JTS TAG TOC @ 1.766". BLM REP, JOE BALDERAZ, WAS SATISFIED - POH W/ TUBING - W/O WIRELINE 2 1/2 HRS - R/U & RIHPERFING 5 1/2" CASING @ 853". - POH 7 R/D WIRELINE UNIT - P/U & RIH WITH PACKER & 4 JTS TUBING - R/U CEMENTER - LOADED THEHOLE WITH 5 BBLS OF 9.5# MUD - NOTICED SMALL PRESSURE SPIKE - 5 1/2" CASING LIFT UP THROUGH THE PACKING NUT - SLOWED PUMPRATE - HAD RETURNS BACK UP TUBING & 5 1/2" ANNULUS - STOPPED PUMPING - SET PACKER - CIRCULATED WITH 5 BBLS OF 9.5# MUDHAD THE TUBING PRESSURE DROPPED & GO ON A VACUUM - INITIATAED SQUEEZING OF CEMENT WITH 100 SX CLASS C NEAT - USED 8 BBLS FOR DISPLACEMENT - FINISHED SQUEEZE - UNSET PACKER AND POH W/ TUBING - LAID DOWN THE PACKER - RU & RIHWITH WIRELINE - PERFFED BOTH 5 1/2" AND 8 5/8" CASING W/ HIGH POWDER CHARGES - POH & R/D WIRELINE - P/U & RBIH WITH THE PACKER AND 10" TUBING SUB - SET PACKER @ 10" - CIRCULATED HOLE WITH 3 BBLS OF 9.5# MUD - HAD VISUAL RETURNS UP THE 8 5/8"CASING - SECURED THE WELL & SDFNNOTES:DURING SQUEEZE FLUID LEAKED OUT FROM BETWEEN PACKING NUT AND 5 1/2" CASING.

### 6/12/2012 COMPLETED P/A

SITP: 0 PSI. HELD PJSA.SQUEEZED 110 SX OF CLASS C CEMENT .3% CACL, 15 BBLS OF MIX WATER - DISPLACED WITH 2 BBLS OF DISPLACEMENT - DID NOT HAVECEMENT CIRCULATE TO THE SUREACE - WHEN WE INCREASED PUMP PRESSURE DURING DISPLACEMENT 5 1/2" CASING STARTED TO LIFT OUT OF THE PACKING NUT - SLOWED PUMP RATE DOWN - HAD NO RETURNS FROM BETWEEN 5 1/2" AND 8 5/8" CASINGS/D CEMENT PUMP - WOC FOR 4 HOURS - RIH WITH 3 JTS TAGGING UP ON TOC @ 96' - POH WITH TUBING - IN ATTEMPTS TO SQUEEZECEMENT BACK TO THE SURFACE THROUGH 5 1/2" AND 8 5/8" CASING ANNULUS - THE WELLHEAD WAS REMOVED AND THE LOCATED TOC IN 5 1/2" X 8 5/8" ANNULUS @ APPROX. 12' FROM SURFACE - CALLED AND RECIEVED PERMISSION FORM BLM REPJOE BALDERAZ TO CIRCULATE CEMENT BACK TO SURFACE IN 5 1/2" CASING & FILL THE ANNULUS WITH CEMENT FROM SURFACE DOWNRIH W/ 3 JTS TAGGED @ 96' - R/U CEMENTERS - CIRCULATED APPROXIMATELY 9 SX GETTING CEMENT BACK TO THE SURFACE - POHLAYING DOWN THE TUBING - FILLED UP 5 1/2" X 8 5/8" CASING ANNULUS FROM SURFACE USING 1 SX - CEMENT STANDING @ SURFACESDEN.

# **Current Wellbore Schematic**

WELL (PN): BENSON SHUGART WFU 3<sup>†</sup> (890948)
FIELD OFFICE: HOBBS
FIELD: SHUGART (YATES-SEVEN RIVERS-QUEEN-GRAYBURG)
STATE / COUNTY: NEW MEXICO / EDDY
LOCATION: SEC 30-18S-31E, 330 FSL & 660 FWL
ROUTE: HOB-NM-ROUTE 13- MATTHEW LUNA
ELEVATION: GL: 3,566.0 KB: 3,576.0 KB Height: 10.0
DEPTHS: TD: 2,604.0



