

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No NMNM17224
2. Name of Operator CHESAPEAKE OPERATING, INC. Contact: LINDA GOOD E-Mail: linda.good@chk.com		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 18496 OKLAHOMA CITY, OK 73154-0496	3b. Phone No. (include area code) Ph: 405-935-4275	7. If Unit or CA/Agreement, Name and/or No
4. Location of Well (Footage, Sec., T, R, M, or Survey Description) Sec 19 T24S R29E Mer NMP NWNE 1950FNL 1980FEL		8. Well Name and No QUEEN LAKE 19 FEDERAL 1
		9. API Well No. 30-015-24292
		10. Field and Pool, or Exploratory PIERCE CROSSING
		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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recompletion 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.)

PLEASE FIND THE ATTACHED RECOMPLETION SUMMARY AND WELLBORE DIAGRAM.

PLAN TO CONVERT TO SWD WELL.

(CHK PN 891238)

SUBMIT NOI To convert to SWD within 30 day by 7/18/11

Accepted for record

NMOCD RE 7/5/11

ACCEPTED FOR RECORD

14. I hereby certify that the foregoing is true and correct Electronic Submission #110624 verified by the BLM Well Information System For CHESAPEAKE OPERATING, INC., sent to the Carlsbad		JUN 17 2011 <i>JPH</i> BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
Name (Printed/Typed) LINDA GOOD	Title SR. REGULATORY COMPLIANCE SPEC	
Signature (Electronic Submission)	Date 06/15/2011	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
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 _____

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

QUEEN LAKE 19 FEDERAL 1 – RECOMPLETION

10/28/2010 MIRU WELL SER UIT & SURFACE EQUIP. DO RIG INSPECTION & EMERGENCY RESPONSE SHEET. BWD. NDWH. PU & FOUND 2 3/8" TBG. MIRU ML NIPPLE UP CREW. NIPPLE UP BOP. INSTALL 6' X 2 7/8" SUB IN TBG STRING.

10/29/2010 TOOH LAYING DOWN 307 JTS OF 2 3/8" TBG. RECIEVE, RACK & TALLY 349 JTS OF CHK WORK STRING.

10/30/2010 PU & TIH W/342 JTS OF 2 7/8" TBG TO 10,798'. CIRCU W/425 BBLS OF FRESH WATER.

11/2/2010 MIRU WATSON PKR (CHIEF PUMPING SER) CMT SER. BREAK CIRCU & SET 3 CMT PLUGS OF CLASS "H" @ 15.6 PPG W/A 1.18 YIELD AS PER BLM PROCEDURE. SPOT 1 ST PLUG @ 10798'. EST TOC @ 10557' SPOT 2ND PLUG @ 9736'. EST TOC @ 9496'. SPOT 3RD PLUG @ 9016'. WOC 4 HRS & TAG @ 8762'. PU TO 7717'. WILL SPOT PLUG IN THE AM. SWI. NOTE: BLM REP RICHARD CARRASCO ON LOCATION.

11/3/2010 CONT PLUGGING OPERATIONS. 4TH. SPOT 55 SK PLUG (11.5 BBLS) @ 7717' OF CLASS "H" @ 15.6 PPG W/A 1.18 YEILD. WOC 4 HRS AND TAG @ 7412'. 5TH. SPOT 40 SK PLUG (8.2 BBLS) @ 6608' OF CLASS "C" W/2% CACL @ 14.8 PPG W/A 1.32 YEILD. WOC & TAG @ 6380'. 6TH SPOT 40 SK PLUG (8.2 BBLS) @ 5016' OF CLASS "C" W/2% CACL @ 14.8 PPG W/A 1.32 YEILD. WOC & TAG IN THE AM. PU TO 4322'. NOTE: BLM REP RICHARD CARRASCO WITNESSES PLUGS & TAGS. *Nothing in AFMS*

11/4/2010 TAG PLUG @ 4700'. TOOH W/TBG. PREPARE TO INSTALL 2" RISER ON 7" ANNULUS (BETWEEN 7" AND 9 5/8" CSG) ON "B" SECTION. COULD NOT OPEN VALVE TO CK FOR PRESSURE. POSSIBLE PIN OR STEM BROKE. TRY TO MAKE REPAIRS IN THE AM.

11/5/2010 MIRU HYDRO-VAC AND CLEAN OUT CELLAR. MAKE REPAIRS ON 2 1/16" X 5K GATE VALVE. MIRU WARRIOR WIRELINE UNIT. TIH AND PERF 4 SQUEEZE @ 4670'. RDWL. PU 6.02 HALLIBURTON RTTS PKR AND TIH. SET @ 4549'. TRY TO BREAK CIRCU BETWEEN 7" AND 9 5/8" CSG. STAGED FROM 1000 PSI TO 2500 PSI. COULD NOT BREAK CIRCU. LEFT 2500 PSI ON 7" ANNULUS. WILL CK FOR PRESSURE LOSS IN THE AM.

11/6/2010 PRESSURE UP SQUEEZE PERFS TO 2500 PSI. NO LEAK OFF. RELEASE PKR & TOOH. MIRU WIRE LINE SER & TIH W/A CBL. PULL LOG FROM 4702' TO 2150'. TOC @ 4412'. TIH & PERF 4 SQUEEZE HOLES @ 4300' W/1000 PSI ON CSG. LOST 750 PSI & HAD FLOW UP THE 7" ANNULUS. BREAK CIRCU @ 2 BPM @ 500 PSI. CIRCU 7' ANNULUS WITH CLEAN FRESH WATER. PU HALLIBURTON 7" CMT RETAINER AND TIH. SET @ 4235'. MIRU CMT SER. BREAK CIRCU & ESTABLISH RATE @ 3 BPM @ 500 PSI. PUMP 350 SKS OF CLASS "C" NEAT @ 14.8 PPG W/A 1.32 YIELD. STING OUT OF RETAINER & CIRCU 1 BBL OF CMT TO SURFACE. TOOH W/STINGER.

11/9/2010 PRESSURE UP SQUEEZE PERFS TO 2500 PSI. NO LEAK OFF. RELEASE PKR & TOOH. MIRU WIRE LINE SER & TIH W/A CBL. PULL LOG FROM 4702' TO 2150'. TOC @ 4412'. TIH & PERF 4 SQUEEZE HOLES @ 4300' W/1000 PSI ON CSG. LOST 750 PSI & HAD FLOW UP THE 7" ANNULUS. BREAK CIRCU @ 2 BPM @ 500 PSI. CIRCU 7' ANNULUS WITH CLEAN FRESH WATER. PU HALLIBURTON 7" CMT RETAINER AND TIH. SET @ 4235'. MIRU CMT SER. BREAK CIRCU & ESTABLISH RATE @ 3 BPM @ 500 PSI. PUMP 350 SKS OF CLASS "C" NEAT @ 14.8 PPG W/A 1.32 YIELD. STING OUT OF RETAINER & CIRC 1 BBL OF CMT TO SURFACE. TOOH W/STINGER.

11/10/2010 MIRU WIRE LINE SER. TIH & PULL CBL FROM 2901' TO 750'. TOC @ 950'. GOOD CMT BOND. TIH AND PERFORATE RAMESY SAND FROM 2788-2821' W/2SPF, 60 DEG PHASED.

11/11/2010 PU 4' SUB, 2.205 "XN" NIPPLE, 6' SUB, 6.01 HALLIBURTON PLS PKR W/A 2.313 "X" NIPPLE, ON/OFF TOOL AND TIH 88 JTS OF 2 7/8" TBG TO SPOT DEPTH @ 2819'. MIRU CUDD ACID SER TO ACIDIZE RAMESY PERFS FROM 2788-2821' W/3000 GALS OF 15% NEFE HCL DROPPING 75 BALL SEALERS. SPOT 250 GALS @ 2819'. PU TO 2684' AND REVERSE SPOT HCL. SET PKR. LOAD AND TEST ANNULUS TO 500 PSI. NO LEAK OFF. ESTABLISH INJECTION RATE @ 1.3 BPM @ 1632 PSI. NO BALL ACTION. ISIP: 975 PSI. 5 MIN: 929 PSI. 10 MIN: 882 PSI. 15 MIN: 859 PSI. AIR RATE: 6.8 BPM ATP: 1737 PSI LTR: 102 BBLs.

11/12/2010 TIH W/SWAB. IFL SURFACE. 1ST RUN ALL WATER. SWAB DRY IN 4 SWAB RUNS. MAKE HRLY SWAB RUNS AND SWAB PUMP WELL. 200' OF FLUID ENTRY. EFL 2300'. TLR: 24 BBLs OF WATER. NO SHOW OF OIL OR GAS. DAILY LOAD REC: 24 BBLSTLTR: 102 BBLSTLR: 24 BBLSLLTR: 78 BBLs.

11/13/2010 TIH W/SWAB IFL 700'. 1ST RUN ALL WATER. SWAB DRY IN 4 SWAB RUNS. MAKE HRLY SWAB RUNS AND SWAB PUMP EACH RUN. TLR 30 BBLs OF WATER. EFL 2300'. NO SHOW OF OIL OR GAS. SWI SDDAILY LOAD RED. 30 BBLs. TLR: 102 BBLSTLR: 54 BBLSLLYR: 48 BBLs.

11/16/2010 TIH W/SWAB, IFL 700'. SWAB WELL DRY IN 4 RUNS. MAKE HRLY RUNS. EFL 2400'. TLR 10 BBLs. RIG DOWN SWAB. RELEASE PKR & TOOH AND LAY DOWN 88 JTS OF 2 7/8" WORK STRING. ND BOP. NU WH. SWI. SD. RDMO. DAILY LOAD REC. 10 BBLSTLTR: 102 BBLSTLR: 64 BBLSLLTR: 38 BBLs.

DETERMINED TO BE NON-ECONOMICAL. PLAN TO CONVERT TO SWD WELL.



Current Wellbore Schematic (PN)

QUEEN LAKE 19 FED 1

Field: Pierce Crossing
County: EDDY
State: NEW MEXICO
Elevation: GL 2,956.0 KB 2,976.0
KB Height: 20.0

Location: SEC 19-24S-29E, 1950 FNL & 1980 FEL

Spud Date: 10/20/1982
Initial Compl. Date:
API #: 3001524292
CHK Property #: 891238
1st Prod Date: 12/1/2004
PBSD: Original Hole - 10809.0
TD: 13,488.0

