TITED STATES

FORM APPROVED OMB NO 1004-0135

	UREAU OF LAND MANA			Expires: July 31, 2010
SUNDRY	NOTICES AND REPORTS form for proposals to	RTS ON WELLS	5. Lease Seria NMNM17	7224
abandoned wel	II. Use form 3160-3 (API	D) for such proposals.	, 6. If Indian, A	Allottee or Tribe Name
SUBMIT IN TRI	PLICATE - Other instruc	tions on reverse side.	7. If Unit or C	CA/Agreement, Name and/or No
1. Type of Well ☐ Gas Well ☐ Oth	ner		8. Well Name QUEEN L	and No AKE 19 FEDERAL 1
Name of Operator CHESAPEAKE OPERATING,		LINDA GOOD @chk.com	9. API Well N 30-015-2	
3a. Address P.O. BOX 18496 OKLAHOMA CITY, OK 73154		3b. Phone No. (include area code Ph: 405-935-4275		Pool, or Exploratory CROSSING
4. Location of Well (Footage, Sec., T	, R, M, or Survey Description)	11. County or	Parish, and State
Sec 19 T24S R29E Mer NMP	NWNE 1950FNL 1980FE	iL	EDDY Co	OUNTY, NM
12. CHECK APPR	ROPRIATE BOX(ES) TO) INDICATE NATURE OF 1	NOTICE, REPORT, OR	OTHER DATA
TYPE OF SUBMISSION		TYPE OF	ACTION	
Notice of Intent	☐ Acidize	□ Deepen	Production (Start/Resu	ume) Water Shut-Off
_	☐ 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	l .
	Convert to Injection	Plug Back	■ Water Disposal	
13. Describe Proposed or Completed Op If the proposal is to deepen direction. Attach the Bond under which the wo following completion of the involved testing has been completed Final Al determined that the site is ready for f	ally or recomplete horizontally, rk will be performed or provide I operations If the operation re bandonment Notices shall be fil	give subsurface locations and measure the Bond No. on file with BLM/BL sults in a multiple completion or rec	ured and true vertical depths of A. Required subsequent report completion in a new interval- a-	fall pertinent markers and zones. s shall be filed within 30 days Form 3160=4-shall-be filed once
PLEASE FIND THE ATTACH	ED RECOMPLETION SU	MMARY AND WELLBORE D	iagram. JUN	2 7 2011
PLAN TO CONVERT TO SWI) WELL.		NMOC	D ARTESIA
(CHK PN 891238)	_	0,	20 d - by	7/18/11
SUBMIT NOIT	to Convert	to sux within	,,,,,,	ים דמת חדממתת

Accepted for record 14. I hereby certify that the foregoing is true and correct ACCEPTED FOR RECURD

	For CHESAPEAKE OPERATI		sent to the Carls	bad
Name (Printed/Typed)	LINDA GOOD	Title	SR. REGULATO	DRY COMPHANCE SPEC
Cignoture	(Electronic Submission)	Doto	00/45/2044	CARLSBAD FIELD OFFICE
Signature	(Electionic Submission)	Date	06/15/2011	

THIS SPACE FOR FEDERAL	OR S	STATE	OFFICE	USE
		-		

Approved By 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. Title Date Office			
certify that the applicant holds legal or equitable title to those rights in the subject lease	Approved By	Title	Date
	certify that the applicant holds legal or equitable title to those rights in the	subject lease .	

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.

QUEEN LAKE 19 FEDERAL 1 - RECOMPLETION

10/28/2010 MIRU WELL SER UIT & SURFACE EQUIP. DO RIG INSPECTION & EMERGENCY RESPONCE 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 TO10,798'. 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 WITTNESSES PLUGS & TAGS.

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. TLTR: 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

Pierce Crossing EDDY Field: County:

State: NEW MEXICO Elevation: GL 2,956.0 KB Height: 20.0 KB 2,976.0

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 PBTD: Original Hole - 10809.0 TD: 13,488.0

Original Hole, 17:1/2, 20, 530 Surface, 13 3/8, 48.00, H-40,	A CONTRACTOR OF THE PROPERTY O	11/23/2006	on 12/22/1982 TA
530 Cmt w/ 300 sx, tail w/ 200 sx.		2/9/2010	Tubing - Production set at 9,755.0ftKB on 2/9/2010
Circ, 530 Original Hole, 12 1/4, 530,		2/10/2010 2/11/2010	DO 5' cmt & CIBP @ 4837'. CR @ 4821'.
2,630 Intermediate, 9 5/8, 47.00,		2/15/2010	SQZD Delaware Perfs @ 4921-4935 w/ 150 sx, tail w/ 50 sx.
P-110, 2,630	· .	2/16/2010	DO CR and fell out. RIH to 4942'. Test SQZ to 800# for 10 min. Tested good.
2mt w/ 900 sx, tail w/ 400 sx. Circ, 2,630	. § 2,788, 2,821, 11/9/2010	2/17/2010	Tag @ 5100'. DO junk for 5 hrs to 5105'.
RAMSEY SAND, 2,788, 2,821	· 4 = 2,700, 2,021, 11/9/2010	2/18/2010	DO CR and cmt and fell out @ 5145'.
	3,001, 3,001, 11/8/2010	2/22/2010	DO cmt and CIBP @ 6293'. SQZD csg leak @ 6356-89 w/ 100 sx, tailed w/ 50 sx.
		2/25/2010 2/26/2010	DO cmt & CR.
	4,299, 4,300, 11/5/2010	2/26/2010	DO good cmt to 6450 and fell out @ 6460' & tag DO remains of CIBP & 2' cmt to 6464'. Drill on CIBP for 2
	4,301, 4,301, 11/5/2010		hors w/ no progress.
		3/1/2010	DO CIBP in 30 min and fell out. Tag @ 7845'.
	4,721, 4,721, 7/5/2006	3/3/2010	CBP @ 6605'. CR @ 6480'. SQZD perfs @ 6503-13
	를	3/5/2010	w/ 75 sx, tail w/ 25 sx. DO cmt & CR to 6515'. Fell out.
Spot 40 sxs @ 4,700' -, 5,016	4,921, 4,935, 7/18/2006	3/6/2010	DO CBP. Pump into perfs @ 7520-7636 @ 5 bpm 700# w/ 50 bw bleed to 0# in 15 min.
	5,185, 5,185, 7/5/2006	3/8/2010	CR @ 7450'. SQZD 7520-36 w/ 200 sx, tail w/ 50 sx.
		3/9/2010 3/10/2010	DO cmt & CR to 7540'. DO cmt and fell out @ 7658'. DO CBP
Spot 40 sks @6,380' -, 6,608	1 6,503, 6,513, 8/3/1999	3/12/2010	and fill to 7845' & CIBP @ 7846'. DO CIBP for 2.5 hrs and drilled to
Original Hole, 8 1/2, 2,630, 11,190		3/15/2010	7982'. DO 35' cmt & CIBP.
11,150	7 520 7 540 4/07/4005	3/17/2010	CR @ 8770'. SQZD 8856-8910 w/ 150 sx, tail w/ 50 sx.
	7,520, 7,540, 4/27/1995	3/19/2010 3/22/2010	DO cmt & CR and fell out @ 8926'. DO to 9755'.
BONE SPRING, 7,520, 7,636	7,570, 7,582, 4/27/1995	3/24/2010	TIH to 9755'. Drill CIBP for 3 1/2 hrs and CO to 10790'.
	7,586, 7,596, 4/27/1995	3/25/2010	Tag @ 10790'. Drill on what seems to be 4 1/2" liner top for 25 min w/ no
	7,602, 7,608, 4/27/1995	3/29/2010	progress. Drill on CIBP @ 10792'.
	7,612, 7,616, 4/27/1995	3/30/2010 3/31/2010	Drill on CIBP remains & junk to 10791'. DO CIBP to 10793'. DO to 10795'.
		4/1/2010 4/2/2010	Tag @ 10810'. RIH w/ downhole camera to 10809'.
,	7,630, 7,636, 4/27/1995		Found junk. Bit bottom side up wedges between 2 3/8" tbg & 7" csg.
Spot 55 sxs @7,412 -, 7,717		8/18/2010	Tubing - Production set at 2,750.0ftKB on 8/18/2010
	8,856, 8,884, 12/10/1990	11/11/2010	PU 4' SUB, 2 205 "XN" NIPPLE, 6' SUB, 6 01 HALLIBURTON PLS PKR
		1	W/ A 2.313 "X" NIPPLE, ON/OFF TOO AND TIH 88 JTS OF 2 7/8" TBG TO
	8,900, 8,910, 12/10/1990		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
Upside down drill bit in hole, 10,809			LEAK OFF. ESTABLISH INJECTION RATE @ 1.3 BPM @ 1632 PSI, ISIP.
PBTD, 10,809, 1/1/1901 TOL, 10,987		,	975 PSI. 5 MIN: 929 PSI.10 MIN: 882 PSI. 15 MIN. 859 PSI. AIR RATE: 6.8
Production, 7, 23.00, N-80,			BPM ATP: 1737 PSI LTR. 102
11,190 Cmt w/ 750 sx, tail w/ 525 sx, 11,190			BBLSSWI. SD
ATOKA, 12,154, 12,163 Original Hole, 6 1/8, 11,190,	12,154, 12,163, 12/30/1982		
13,488 Cmt w/ 400 sx, 13,488	% S		
Liner, 4 1/2, 13.50, N-80,	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	