Form 3160-5 (August 2007)

Approved By

UNITED STATES DEPARTMENT OF THE INTERIOR

RECEIVED

FORM APPROVED OMB NO. 1004-0135

Date 11/10/2(

_	BUREAU OF LAND MANA		A	IOV 5 3 3			uly 31, 2010
SUNDRY	NOTICES AND REPO	RTS ON WE	LLS	IOV 1 / 20	109 5. Lease NMN	Serial No. IM96244	
Do not use the abandoned we	his form for proposals to ell. Use form 3160-3 (AP	o drill or to re- PD) for such pi	enterali oposals)BBSQ(6. If Ind	ian, Allottee or	Tribe Name
SUBMIT IN TR	RIPLICATE - Other instruc	ctions on reve	rse side.		7. If Uni	t or CA/Agreen	nent, Name and/or No
	`						
I. Type of Well ☐ Oil Well ☐ Gas Well ☐ O	other /					lame and No. STOCK FEDE	RAL 9 02
Name of Operator CHESAPEAKE OPERATING	Contact:	LINDA GOOD		 	9. API V 30-0	Vell No. 25-36583-00)-S1 /
3a. Address P O BOX 18496 OKLAHOMA CITY, OK 7318		3b. Phone No Ph: 405-935		ea code)	10 Field	and Pool or F	
4. Location of Well (Footage, Sec.,		<u>l</u> n)			11 Cour	nty or Parish, ar	id State
Sec 9 T22S R33E SWNE 14 32.40945 N Lat, 103.57470 \					LEA	COUNTY, N	M
12. CHECK APP	PROPRIATE BOX(ES) TO	O INDICATE	NATURE	OF NOTIO	CE, REPORT,	OR OTHER	DATA
TYPE OF SUBMISSION			TY	PE OF ACT	ION		
Notice of Intent	☐ Acidize	□ Deep	en	□ P	roduction (Start/	Resume)	☐ Water Shut-Off
	Alter Casing	□ Fracti	ire Treat	□ R	eclamation		☐ Well Integrity
Subsequent Report	Casing Repair	□ New	Constructi	on □ R	ecomplete		Other
☐ Final Abandonment Notice	☐ Change Plans	_	and Abanc	lon 🗖 T	emporarily Abar	ndon	Workover Operati
	Convert to Injection	_		_	ater Disposal		
13. Describe Proposed or Completed Of If the proposal is to deepen direction Attach the Bond under which the w following completion of the involve testing has been completed. Final Adetermined that the site is ready for	nally or recomplete horizontally, ork will be performed or provide adoperations. If the operation re Abandonment Notices shall be fifinal inspection.)	give subsurface to the Bond No. on sults in a multiple led only after all re	cations and file with BI completion quirements	I measured and LM/BIA. Requestor recompletion, and including recompletion, including recompletions.	true vertical deptl ared subsequent re on in a new interva lamation, have bee	ns of all pertine ports shall be fi al, a Form 3160- on completed, an	nt markers and zones iled within 30 days
9/24/2009 RU PRO WIRE MEASUREMENT). RIH W/"V POOH. RD SLICKLINE.	LINE SERVICES. RIH W/ V" CIRCULATING PLUG 8	1-1/2 SINKER 3 SET @ 13,10	BAR & TA 4'. RIH &	AG TOF @ 1 SHOT HOL	13,124' (SLICK E IN TUBING /	LINE AT 13,102'.	
9/25 ? 10/2/2009 SWABBING	3						
10/6/2009 RU KEY WELL SE WELLHEAD. NU SPOOL & E	ERVICE RIG # 162. SITP 30P.	1300 PSI SICP	260 PSI	BLED DOW	N WELL TO F	RAC TANK.	ND
10/7/2009 KEY WELL SERV 13,646' (WIRELINE SET). TO LOST PKR ON WAY OUT O	OOH W/ 2-3/8" PRODUCT	ION TURING	RECOVE	RED TOP H	IALE OF TURI	AC DIVIDED	AT
14. I hereby certify that the foregoing i	s true and correct.	76520 vorified 1	w the DI	A Mall Info			
Cor	Electronic Submission # For CHESAPE mmitted to AFMSS for proc	AKE OPERATIN	IG INC. se	ent to the Ho	bbs:	ECE)	
Name (Printed/Typed) LINDA G					TORY COMPL	•)
Signature (Electronic	Submission)		Date 10)/30/2009			
	THIS SPACE FO	OR FEDERAL	OR ST	ATE OFFIC	E USE		
ACCEPT	EDY	MQ-OCD	CHR	ISTOPHER	WALLS		T

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 Hobbs 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

11-18-2009

TitlePETROLEUM ENGINEER

Additional data for EC transaction #76528 that would not fit on the form

32. Additional remarks, continued

(SLICKLINE MEASUREMENT - NO KB). RIH W/ 20 STDS KILL STRING. CLOSED PIPE RAMS. SDFN.

10/8/2009 KEY ENERGY SERVICE RIG # 162. CURRENT OPERATION: RIH W/ RETRIEVING HEAD FOR ON-OFF TOOL. TAG PACKER AT 13,635'. WORKED ON RELEASING PACKER FOR 4 HOURS WITHOUT SUCCESS. RU POWER SWIVEL. WORKED ON RELEASING PACKER FOR 2 HRS. PACKER CAME LOOSE. RIH W/ PKR TO 13,693' (TBG TALLY). RD SWIVEL. SOOH.

10/9/2009 KEY ENERGY SERVICE RIG 162. FOOH W/ WL RE-ENTRY GUIDE, "R" NIPPLE, 2-3/8 X 10' TBG SUB, 4-1/2 WL BAKER RELIANT PACKER, ON-OFF TOOL ON 2-3/8 TUBING. RIH W/ 2 JTS 2-3/8 BULL PLUGGED TUBING, PERF SUB, SEATING NIPPLE, 88 JTS TBG, 7" TAC ON 372 JTS N-80 TUBING. ND BOP & SPOOL. SET TAC. NU WELLHEAD. SHUT IN WELL.

10/10/2009 SITP 160 PSI SICP 100 PSI RDPU. HOOKED UP WELLHEAD & PLUNGER LIFT EQUIPMENT. RU KEY SWAB UNIT. RIH & HIT FLUID 9000' FROM SURFACE. MADE 4 RUNS. REC 5BW. FINAL FLUID LEVEL 10,000' FROM SURFACE.

10/11 ? 10/20/2009 SWABBING.

10/26/2009 RIG DOWN SWAB UNIT. RETURNED TO PRODUCTION.

WELLBORE DIAGRAM ATTACHED.

(CHK PN 819494)

Current Wellbore Schematic



LIVESTOCK FEDERAL 2-9

Field: Bootleg Ridge E.
County: LEA
State: NEW MEXICO
Elevation: GL 3,619.00 K

KB Height: 25.00

KB 3,644.00

Location: SEC 9, 22S-33E, 1450 FNL & 1950 FEL

Spud Date: 4/3/2004 Initial Compl. Date: API #: 3002536583 CHK Property #: 819494 1st Prod Date: 8/14/2004 PBTD: Original Hole - 14690.0 TD: 15,400.0

Tubing - Production set at 13,800 Tubing - Production set at 14,565 Tubing - Production set at 1	Well C	onfig: - Original Hole 10/30/2009 Schematic Actual	9:15:13:AM	Well Histor	Event
153 36* 54 84 J-55 ST GJ (26) 1.132 (26) (26) 1.132 (26) (26) 1.132 (26) (26) 1.132 (26) (26) (26) (26) (26) (26) (26) (26	Original Hole; 17 1/2, 25,			5/24/2007	Tubing - Production set at 13,660.0ftKB on 5/24/2007
Comt wi 950 as. Circ wi 200 as. 1.132 Original Hobe, 12 1/4, 132, 4.645 Ongrinal Hobe, 12 1/4, 132, 4.645 Ongrinal Hobe, 3 14, 200 [EST LOC, 11,882] Top of Lines, 13, 200 [EST LOC, 11,882] [EST LOC, 11,882] Top of Lines, 13, 200 [EST LOC, 11,882] [EST LOC, 11,882] [EST LOC, 11,882] [EST LOC, 11,882] Top of Lines, 13, 200 [EST LOC, 11,882] [EST LOC,	13 3/8" 54 5# J-55 STC Surf			9/17/2009	
SETTOC, 1200	Csg, 1,132 Cmt w/ 950 sx. Circ w/ 200 sx,]	
Original Holo, 12 (14, 1,132, 4.645) 5 (8)* 4 69 4 - 58 LTC (in 1 Cag) Control M 250 as Citre w 4.641 Sys. 4,645 Ongrial Holo, 3 44, 645, 12, 120 [FA-1 Baster Par w and assity) Top of Liner, 11 869 [EST TOC, 11 882] [P 28t L-80 LTC Int Cong, 12, 120 Corn 1st sig w 360 as Corn 2, 12, 120 Corn 1st sig w 360 as Corn 2, 120 Corn 1st sig w 360 as Corn 2, 120 (Faster suck, 1,3677) Original Holo, 6 10, 12, 120 (Faster suck), 13, 127 (Faster suck), 13, 13, 127 (Faster suck), 13, 127 (Faster suck), 13, 127 (Faster suck), 13, 127 (Faster suck), 13, 13, 13, 13, 13, 13, 13, 13, 13, 13					
9 Si8* 409 J-56 LTC Int (Cag. 4.655) Cent wt 1250 sx Circ wt 1818 Organal Hole, 8 34, 4 546, 12, 100 FA-1 Baker Pix wt seel assibly, 11,850 ITop of Linet, 11,650 ITop of Linet, 11,650 Cent total stop wt 950 sx Cent 2, 200 Packer, 2 si8, 13,644 Packer, 2 si8, 13,647 Packer, 2 si8, 13,647 Packer, 2 si8, 13,647 Packer, 2 si8, 13,647 Packer, 2 si8, 13,648 Packer, 2 si8, 13,649 Packer, 2 si8, 13,64	Original Hole, 12 1/4, 1,132,				
Cont w 1250 ax Circ w 1818	9 5/8" 40# J-55 LTC Int 1 Csg,				
Corporal Hole, 3 43, 4,645, 12,120 [FA-T Baker Pix w sed asslay, 11,860] [EST 100, 11,860] [Packer, 2,38, 13,644 [Packer, 2,38, 13,647 [Packer, 3,38, 13,649 [Packer, 3,38,	Cmt w/ 1250 sx Circ w/ 181				
EST TOC, 11,880 Top of Liner, 11,880 EST TOC, 11,882 7 298 L-90 LTC Int 2 Csp. 12,120 Cmt 1st sig wi 950 sx. Cmt 2,120 Freader stuck, 13,641 Original Hole, 6 16, 12,120 Original Hole, 6 16, 12,120 Original Hole, 6 16, 12,120 Paster, 2 38, 13,647 Tubing 38ub, 2 38, 13,659 No Go Sult, 2 38, 13,659 No Go Sult, 2 38, 13,659 Re-entry guide, 2 3/6, 13,659 Re-entry guide, 2 3/6, 13,650 14,558, 14,556, 7/14/2004 MORROW, 14,528, 14,770 PBTD, 14,690 MORROW, 14,528, 14,770 14,752, 14,760, 7/2/2004 4 1/2* 15,108 P-110 STL Liner, 15,000 Cmt wi 325 sx. 15,000 Liner, 15,000 L	Sx, 4,645 Опginal Hole, 8 3/4, 4,645,		Tubing 0.0/0, 40.040		
11,880 Top of Liney, 11,880 Top of Liney, 11,860 Top of Liney	FA-1 Baker Pkr w/ seal assbly,		Tubing, 2 3/6, 13,043		
EST TOC. 11 882 7- 298 L-80 LTO Int 2 Cqu. 12-100 Cmt 1st stg w 950 sx. Cmt 2 cqu. 12-100 Peacher stst., 13,647 Cmginal Hole, 6 1/6, 12,120 Cmginal Hole, 7 1/6, 12,120 Cmginal Hole, 7 1/6, 12,120 C					
T 298 L-80 LTC int 2 Csg. 12,120					
T 298 L-80 LTC int 2 Csg. 12,120	EST TOC. 11 882				
Com tist sty w 950 sx. Cmt 2mt sty w 950 sx. Cmt sty w 950 sx. Cmt 2mt sty w 950 sx. Cmt	7" 29# L-80 LTC Int 2 Csg,				
Pactor stuck, 13,647 Original Hole, 6 1/8, 12,120, 15,400 No Go Sub. 2 3/8, 13,659 Re-entry guide, 2 3/8, 13,660 14,528, 14,532, 7/14/2004 14,558, 14,552, 7/14/2004 14,558, 14,566, 7/14/2004 MORROW, 14,528, 14,770 PBTD, 14,690 MORROW, 14,528, 14,770 14,737, 14,741, 7/2/2004 14,752, 14,760, 7/2/2004 14,752, 14,760, 7/2/2004 14,758, 14,770, 7/2/2004	Cmt 1st stg w/ 950 sx. Cmt		/r Tubing Sub, 2 3/8, 13,657		
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MORROW, 14,528, 14,770 PBTD, 14,690 PBTD, 14,690 14,737, 14,741, 7/2/2004 14,752, 14,760, 7/2/2004 14,768, 14,770, 7/2/2004 14,768, 14,770, 7/2/2004					
2-7/8" TCP Gun w/ auto refiring head, 3, 14,670 PBTD, 14,690 14,737, 14,741, 7/2/2004 14,752, 14,760, 7/2/2004 14,768, 14,770, 7/2/2004 [4 1/2" 15.10# P-110 STL Liner, 15,400 [Cmt w/ 325 sx, 15,400]	۸.		14,558, 14,566, 7/14/2004		
2-7/8" TCP Gun w/ auto refiring head, 3, 14,670 PBTD, 14,690 14,737, 14,741, 7/2/2004 14,752, 14,760, 7/2/2004 14,768, 14,770, 7/2/2004 [4 1/2" 15.10# P-110 STL Liner, 15,400 [Cmt w/ 325 sx, 15,400]					
2-7/8" TCP Gun w/ auto refiring head, 3, 14,670 PBTD, 14,690 14,737, 14,741, 7/2/2004 14,752, 14,760, 7/2/2004 14,768, 14,770, 7/2/2004 Liner, 15,400 Cmt w/ 325 sx, 15,400					
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4 1/2" 15.10# P-110 STL Liner, 15,400 Cmt w/ 325 sx, 15,400					
4 1/2" 15.10# P-110 STL Liner, 15,400 [Cmt w/ 325 sx, 15,400]			14.752_14.760_7/2/2004		
4 1/2" 15.10# P-110 STL Liner, 15,400 Cmt w/ 325 sx, 15,400			(3), (2), (7), (72), (72)		
4 1/2" 15.10# P-110 STL Liner, 15,400 [Cmt w/ 325 sx, 15,400]			14 760 14 770 7/0/004		
Liner, 15,400 Cmt w/ 325 sx, 15,400		\# #\\	14,700, 14,770, 7/2/2004		
Liner, 15,400 Cmt w/ 325 sx, 15,400	F				
	Liner, 15,400				
					Report Printed: 10/30/200