District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102 Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

Property Code	,			WELL LO	DCAT	ION AND	AC	REAGE DEDI	ICATION PI	_AT	~	
Property Code			r						' Pool Na			
Chesapeake Operating, Inc. Operator Name 3851 Elevation 3851	' Property Code				° Pre							
14 16 17 17 17 18 18 18 19 19 19 19 19	OCPID N	Jo	Henshay	w Federal A		* On	sarator N	Jama			001	, Elevation
UL or lot no. Section Township Range Lot Idn 1980 South 1830 East Eddy		10.	Chesape	eake Operati	ng, Inc						3851	Lievation
UL or lot no. Section Township Range Lot Idn 1980 South 1830 East Eddy						10Su	rface	Location				
Township Range Lot Idn Feet from the North/South line Feet from the East/West line Cou	}		_	1 1	Lot	Idn Feet fr	om the	North/South line		•	st/West line	County
UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line Course of Survey Signature and Seal of Professional Surveyor: Peet from the Survey Signature and Seal of Professional Surveyor:	J	14	16S							East		Eddy
"Dedicated Acres 320 "Joint or Infill "Consolidation Code "Order No. NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 17 OPERATOR CERTIFICATI I hereby certify that the information contained he true and complete to the best of my knowledge a belief. Brenda Coffman Printed Name Regulatory Analyst bcoffman@chkenergy.com Title and E-mail Address 07/14/2004 Date 18 SURVEYOR CERTIFICATIO Thereby certify that the well location shown on this was plotted from field notes of actual surveys made me or under my supervision, and that the same i and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor:	III let	- Caratian	T		ottom	Hole Loca	tion	If Different Fr	om Surface	For	nt/Most line	County
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 10 PERATOR CERTIFICATI I hereby certify that the information contained be true and complete to the best of my knowledge a belief. Brenda Coffman Printed Name Regulatory Analyst bcoffman@chkenergy.com Tide and E-mail Address 07/14/2004 Date 18 SURVEYOR CERTIFICATIO I hereby certify that the well location shown on this was plotted from field notes of actual surveys made me or under my supervision, and that the same i and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor:	UL or lot no.	Section	lownsnip	Kange	Lot	ian reet ir	om the	North/South line	reet from the	L'as	si west inte	County
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STANDARD UNIT HAS BEEN APPROVED BY THE DUVISION 17 OPERATOR CERTIFICATI I hereby certify that the information contained he true and complete to the best of my knowledge a belief. Brenda Coffman Printed Name Regulatory Analyst bcoffman@chkenergy.com Title and E-mail Address 07/14/2004 Date 18 SURVEYOR CERTIFICATIO I hereby certify that the well location shown on this was plotted from field notes of actual surveys made me or under my supervision, and that the same i and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor:	320											
		REC JUI OBB	EIVEC 19200	D A ESIA		1980		1830	I hereby of true and obelief. Signature Brenda Printed Nam Regulat bcoffma Title and E-r 07/14/2 Date 18 SUR I hereby of was plotte me or undand corred Date of Sur	Coffman ory Analy an@chkel nail Address 2004 CVEYO ertify that the drift from field der my superior to the be-	yst nergy.co R CER e well locat notes of ac ervision, an	TIFICATION ion shown on this plat tual surveys made by and that the same is truelief.

FEDERAL A 1-14

SEC. 14, 16S, 30E

EDDY COUNTY, NEW MEXICO

LEASE & WELL

(Give Unit, Section, Township and Range)

OPERATOR

CHESAPEAKE OPERATING, INC. P.O. BOX 18496 OKLAHOMA CITY, OK 7315

DRILLING CONTRACTOR

NABORS DRILLING USA, LP

The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following regults:

following resul		DEGREES @	DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH	
1/2	220	1 1/4	4069			
1 3/4	576	1 1/4	4545			
2	822	1	5018			
1 1/2	1046	1 1/4	5518	10.7 (4.00)		
2 1/2	1298	1	6059	<u></u>		
2 3/4	1393	3/4	6560			
2	1512	1/2	8907			
1 1/4	1575	1	9379			
1	1703	1 3/4	12708	And the second s		
1	1987					RECEIVED
1 1/4	2492					IUL 1 9 2004
3/4	2751					D-ARTESIA
3/4	3003					
1	3120					
1 1/4	3564					
		Drilling Contract	ctor	Nabors Drilling USA, LP		
		Ву	_	Don Nelson-District Drillin	g Superintendent	
Subscribed and	d sworn to t		STBROOK T	day of Ofril. Journa Trespetary Public	2004 Hook	
My Commision	Expres	State of My Comm. Ex	Texas	MIDLAND	County <u>TEXAS</u>	

30-015-32891

Directional Survey Report

Well ID: 819500

Well Bore: Original Well Bore

Chesapeake Operating Company

Well Name: Henshaw Federal A 1-14

Plane of Vertical Section: 0.0 degrees

Survey	Meas. Depth		Azimuth		Coordinates			Vertical	Dog Leg
Туре		lnc.		TVD	N-S	E-W	Closure	Section	Severity
INC	9987.0	1.90	154.7	9985.2	S 12.2	E 50.6	52.0	-12.2	0.170
INC	10386.0	1.50	192.1	10384.0	\$ 23.2	E 52.3	57.2	-23.2	0.289
INC	10889.0	1.60	180.3	10886.9	S 36.7	E 50.9	62.7	-36.7	0.066
INC	11106.0	1.60	182.4	11103.8	\$ 42.8	E 50.7	66.4	-42.8	0.027
INC	11452.0	0.80	198.9	11449.7	\$ 49.9	E 49.7	70.4	-49.9	0.250
INC	11721.0	1.00							
INC	11880.0	1.20	237.9	11877.6	S 55.1	E 45.0	71.1	-55.1	0.179
INC	12380.0	1.30	197.1	12377.5	S 63.3	E 38.9	74.3	-63.3	0.175
INC	12743.0	1.75							

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