District 1 PO Box 1980, Hobbs, NM 88241-1980 District [] 20 Drawer DD, Artesia, NM \$\$211-0719 District III 1000 Rio Brazos Rd., Aztec, NM \$7410 District IV PO Box 2088, Santa Pc, NM 87504-2088

State of New Mexico Energy, Minerais & Natural Resources Department

## OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C-101 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

AMENDED REPORT

## APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Ches		_			ame and Address.					CRID Number	
Chesapeake Operating, Inc. P. O. Box 18496									1471	L79	
		ity, OK	73154-	0496				Γ		API Number	
	erty Code								30 - 02	5-356	
28298 Buchanan 5				. 6	roperty Name				* Weil No.		
										1	
or lot ag.		<u> </u>	·		<sup>7</sup> Surface	Location					
	Section	Township	Range	Lot Idm	Fost from the	North/South Has	Feet from the	East/We	at line	County	
G	5	17S	37E		2365	North	1641	Ľ	last	Lea	
		* Pr	oposed	Bottom	Hole Locat	ion If Differen	at From Sur	face		Lea	
er iot ac.	Section	Township	Range	Lot Ida	Feet from the	North/South fine	Feet from the	East/We			
										Conaty	
		' Propos	ed Pool 1			<u> </u>	1 Para	ed Pool 2			
Shipp	) Straw	'n					rapa	NCC 17001 2			
" Work I	Type Code	1	' Well Type	: Code	<sup>13</sup> Cable/	Rotary	" Lesse Type Co	<u>.</u>			
N			0/G		R			KORE	" Ground Level Eleva		
<sup>14</sup> Mu	Itiple		' Proposed	Depth	" Form	Lation	-		3790'		
Ν			11,32	5'	Strawn		Patterson	" Contractor		<sup>10</sup> Spud Date	
			21	Dropos	1				04/01,	/01	
Hole Si	te l	Casia	e Size	riopos	a voienufooe	nd Cement Pro	ogram				
7-1/2"		13-3/8			at weight loot		ietting Depth Sacks of Ceme		est Estimated TOC		
2-1/4"		<u></u>		<u>48#</u>		480'	500	)		Surface	
'-7/8''						4,200'		50		Surface	
-//8''		5-1/2			1						
-//8"		5-1/2		1/#		11,325'	113	30		000'	
-//8''		5-1/2		1/#		11,325'	113	30		000'	
cribe the p	repased pro	egram. If this		a is to DEE	PEN or PLUG BAC	.K give the data on th	e present producti			1 Mar Conducti	
<b>cribe the p</b> Ducribe t hesapea ith Pat	ake Ope terson	<b>Provision p</b> Provision p Parating, Rig #4	Inc.	nin to DEEL May. Use ad propose the dri	s to drill	K give the data on the memory. to 11,325' actor. ind & pipe ra Permit Exp	TD in the	Strawn 5M# Anr From	f proposed Form nular	<b>i sw product</b> ation	
erribe the p Describe the hesapea ith Pat atterso	ake Ope terson on's B( the the model and belief.	Provension provensi provension provension provension provension provension pr	48 as 1 consi	propose the drii sts of	s to drill lling contr ll" 5M# bli	K give the data on the contary. to 11,325' actor. ind & pipe ra Permit Exp Date Un OIL CO	TD in the ams & 11" 5 bires 1 Year	Strawn 5M# Anr From , g Unde	A proposed Form nular Appro Prway	<b>A and product</b> ation Va <sup>1</sup>	
reby ceruly knowledge a	the the model that th	Provision providence p	Above is the	propose the drii sts of	s to drill lling contr 11" 5M# bli Che to the best App Title	K give the data on the contary. to 11,325' actor. ind & pipe ra Permit Exp Date Un OIL CO	TD in the ams & 11" 5 bires 1 Year nless Drillin	Strawn M# Anr From J g Unde	Appropries Form nular Appro PIVISI	<b>A and product</b> ation Va <sup>1</sup>	

Attached 0

### C-101 Instructions

. .

### Measurements and dimensions are to be in feet/inches. Wer ocations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABLED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

- Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.
- 2 Operator's name and address
- 3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.
- 4 Property code. If this is a new property the OCD will assign the number and fill it in.
- 5 Property name that used to be called 'well name'
- 6 The number of this well on the property.
- 7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Latter.
- 8 The proposed bottom hole location of this well at TD

9 and 10. The proposed pool(s) to which this well is beeing drilled.

11 Work type code from the following table:

- N New well
- E Re-entry
- D Drill deeper
- P Plugback
- A Add a zone
- 12 Well type code from the following table:
  - O Single oil completion
  - G Single gas completion
  - M Mutiple completion
  - I Injection well
  - S SWD well W Water sum
  - W Water supply well C Carbon dioxide well

#### 13 Cable or rotary drilling code

- C Propose to cable tool drill
- P. Propose to rotary drill
- 14 Lease type code from the following table:
  - F Federal
  - S State
  - P Private
  - N Navajo
  - J Jicarilla
  - U Ute I Other
  - Other Indian tribe
- 15 Ground level elevation above sea level
- 16 Intend to mutiple complete? Yes or No
- 17 Proposed total depth of this well

- 18 Geologic formation at TD
- 19 Name of the intended drilling company if known.
- 20 Anticipated spud date.
- 21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed camenting volume, and estimated top of cament
- 22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.
- 23 The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.



DIS	TR	ICT	I		
<b>F.O</b> .	Box	1980,	Hobbs,	юı	86241-1980

DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 67410

DISTRICT IV

#### State of New Mexico ---

Energy, Minerals and Natural Resources Departme. OIL CONSERVATION DIVISION

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

### P.O. Box 2088

Santa Fe, New Mexico 87504-2088

$\begin{array}{c} \text{mber} \\ 356a \\ e \\ p \\ \end{array}$	2,5	55	Pool Code 569<	Property Nam BUCHANAN		Pool Name	Well Num	ber		
			5693	Property Nam BUCHANAN	ne		Well Num	iber		
• 				BUCHANAN			Well Num	ber		
2					5		1 1			
		(					1			
		(		Operator Nam	Operator Name					
		•	CHESAPEAKE OPERATING, INC.					Elevation 3790'		
				Surface Loca	ation					
ection Town	ship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
5   1	7-S	37-Е		2365	NORTH	1641	EAST	LEA		
		Bottom	Hole Loo	cation If Diffe	rent From Sur	face	<u> </u>			
ection Town	ship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
Joint or Infi	1 Co	nsolidation (	Code Or	der No.						
ABLE WILL O	BE AS RAN	SSIGNED 1 ION-STAN	TO THIS DARD UN	COMPLETION UNIT HAS BEEN	INTIL ALL INTER APPROVED BY 7	ESTS HAVE BE	SEN CONSOLIDA	TED		
e	5 1 ction Town Joint or Infil BLE WILL	5 17-S ction Township Joint or Infill Co BLE WILL BE AS	5 17-S 37-E Bottom ction Township Range Joint or Infill Consolidation ( BLE WILL BE ASSIGNED ?	5 17-S 37-E Bottom Hole Loc ction Township Range Lot Idn Joint or Infill Consolidation Code Or BLE WILL BE ASSIGNED TO THIS	5 17-S 37-E 2365   Bottom Hole Location If Diffe   ction Township Range Lot Idn Feet from the   Joint or Infill Consolidation Code Order No.   BLE WILL BE ASSIGNED TO THIS COMPLETION U	5 17-S 37-E 2365 NORTH   Bottom Hole Location If Different From Surf   ction Township Range Lot Idn Feet from the North/South line   Joint or Infill Consolidation Code   Order No.   BLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTER	5 17-S 37-E 2365 NORTH 1641   Bottom Hole Location If Different From Surface   etion Township   Range Lot Idn Feet from the North/South line Feet from the   Joint or Infill   Consolidation Code   Order No.   BLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BE   OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION	5 17-S 37-E 2365 NORTH 1641 East/West line   Bottom Hole Location If Different From Surface   Ction Township Range Lot Idn Feet from the East/West line   Joint or Infill Consolidation Code Order No.   BLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDA		

			· · · · · · · · · · · · · · · · · · ·	
	1			OPERATOR CERTIFICATION
				I hereby certify the the information
				contained herein is true and complete to the
				best of my knowledge and belief.
		'n		
		2365'		Barbara & Bale
	·			Signature
	1			Barbara J. Bale
				Printed Name
	1			Regulatory Analyst
	1			Title
				02/20/01
				Date
		ò	1641'	
				SURVEYOR CERTIFICATION
	· ·			I hereby certify that the well location shown
SPC NME				on this plat was platted from field notes of actual surveys made by me or under my
NAD 1927				supervison and that the same is true and
N=679936				correct to the best of my belief.
E=826496	1 1			
				JANUARY 15, 2001
				Date Surveyed AWB
· · · · · · · · · · · · · · · · · · ·				Signature & Seal of
				Professional Surveyor
				DIGAN
ļ	•			Konstall & Show a large
				Mondia Endron 01/26/01
				/ /01-11-0064
				Certificate No. RONALD J. EIDSON 3239
				GARY EIDSON 12641

VICINITY MAP



- SEC. <u>5</u> TWP. <u>17–S</u> RGE. <u>37–E</u>
- SURVEY\_\_\_\_\_N.M.P.M.

COUNTY\_\_\_\_\_LEA

DESCRIPTION 2365'FNL & 1641'FEL

ELEVATION 3790'

OPERATOR CHESAPEAKE OPERATING, INC. LEASE\_\_\_\_\_ BUCHANAN 5

SCALE: 1'' = 2 MILES

JOHN WEST SURVEYING HOBBS, NEW MEXICO (505) 393-3117

# LOCATION VERFICATION MAP





## **BLOWOUT PREVENTOR SCHEMATIC**

CHESAPEAKE OPERATING INC

WELL	: BUCHANAN 5.	- 1			
FIELD	: Shipp Straw	$\hat{\mathbf{u}}$			
RIG	: PATTERSON #48				
COUNTY	: LEA	STATE : NEW MEXICO			
OPERATION: DRILLING OUT BELOW 9 5/8" CASING					
•••••		······································			

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