

**District I**  
1625 N. French Dr., Hobbs, NM 88240

**District II**  
1301 W. Grand Ave., Artesia, NM 88210

**District III**  
1000 Rio Ramos Rd., Aztec, NM 87410

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-101  
Permit 8165

**APPLICATION FOR PERMIT TO DRILL**

Operator Name and Address CHESAPEAKE OPERATING, INC. PO Box 11050 Midland, TX 79702-8050		OGRID Number 147179
		API Number 30-025-37143
Property Code 34690	Property Name TP 11 STATE	Well No. 002

**Surface Location**

UL or Lot	Section	Township	Range	Lot Ltn	Feet From	N/S Line	Feet From	E/W Line	County
M	11	11S	33E	M	660	S	810	W	Lea

**Proposed Pools**

BAGLEY, PERMO PENN, NORTH 3820

Well Type New Well	Well Type OIL	Cable/Rotary	Lease Type State	Ground Level Elevation 4239
Multiple N	Proposed Depth 10300	Formation Pennsylvanian	Contractor	Spud Date 03/28/2005

**Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/lb	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	425	480	0
Intl	11	8.625	24	3800	820	0
Prod	7.875	5.5	17	10300	795	3000

**Casing/Cement Program: Additional Comments**

13 3/8 Lead 275 sx Cl. C + additives Tail 205 sx Cl. C + additives. 8 5/8 Lead 710 sx 50-50 Poz Cl. C + additives, Tail 110 sx Cl. C + additives. TOC surface. 5 1/2 Lead 690 sx Poz Cl. C + additives Tail 105 sx Poz Cl. C + additives. Est. TOC 3000.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Double Ram	5000	5000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Electronically Signed By: Brenda Coffman

Title: Regulatory Analyst

Date: 03/16/2005

Phone: 432-685-4310

**OIL CONSERVATION DIVISION**

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 03/17/2005 Expiration Date: 03/17/2006

Conditions of Approval:

There are conditions. See Attached.

**Permit Conditions Of Approval**  
**C-101, Permit 8165**

Operator: CHESAPEAKE OPERATING, INC. , 147179

Well: TP 11 STATE #002

OCD Reviewer	Condition
PKAUTZ	Re-seeding mixture will must be approved or authorized by surface owner
PKAUTZ	Notice is to be given to the OCD prior to construction of the pit(s)
PKAUTZ	Pit construction and closure must satisfy all requirements of O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines

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State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Permit 8165

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-37143	Pool Name BAGLEY,PERMO PENN, NORTH	Pool Code 3820
Property Code 34690	Property Name TP 11 STATE	Well No. 002
GRID No. 147179	Operator Name CHESAPEAKE OPERATING, INC.	Elevation 4239

**Surface And Bottom Hole Location**

UL or Lot M	Section 11	Township 11S	Range 33E	Lot Ltn M	Feet From 660	N/S Line S	Feet From 810	E/W Line W	County Lea
Dedicated Acres 80		Joint or Infill		Consolidation Code		Order No.			


**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

Electronically Signed By: Brenda Coffman

Title: Regulatory Analyst

Date: 03/16/2005

**SURVEYOR CERTIFICATION**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

Surveyed By: Gary L. Jones

Date of Survey: 01/27/2005

Certificate Number: 7977

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**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**

Energy, Minerals and Natural Resources

Form C-103  
Permit 25838

**Oil Conservation Division****1220 S. St Francis Dr.****Santa Fe, NM 87505****WELL API NUMBER**

30-025-37143

**5. Indicate Type of Lease**

S

**6. State Oil & Gas Lease No.****7. Lease Name or Unit Agreement Name**

TP 11 STATE

**8. Well Number**

002

**9. OGRID Number**

147179

**10. Pool name or Wildcat****SUNDRY NOTICES AND REPORTS ON WELLS**

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVIOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

**1. Type of Well:** O**2. Name of Operator**

CHESAPEAKE OPERATING, INC.

**3. Address of Operator**

P.O. BOX 18496, OKLAHOMA CITY, OK 731540496

**4. Well Location**

Unit Letter M : 660 feet from the S line and 810 feet from the W line  
Section 11 Township 11S Range 33E NMPM Lea County

**11. Elevation (Show whether DR, KB, BT, GR, etc.)**

4239 GR

**Pit or Below-grade Tank Application** ☐ or Closure ☐

Pit Type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

**12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data****NOTICE OF INTENTION TO:**PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

Other: \_\_\_\_\_

**SUBSEQUENT REPORT OF:**REMEDIAL WORK ☐ ALTER CASING ☐COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐CASING/CEMENT JOB ☐Other: Spud ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

3/6/2006 Spudded well.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCDD guidelines ☐ , a general permit ☐ or an (attached) alternative OGD-approved plan ☐.

SIGNATURE Electronically Signed TITLE Regulatory Analyst DATE 3/20/2006

Type or print name Brenda Coffman E-mail address bcoffman@chkenergy.com Telephone No. 432-685-4310

**For State Use Only:**

APPROVED BY: Paul Kautz TITLE Geologist DATE 3/21/2006

## District I

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1000 Rio Brazos Rd., Aztec, NM 87410  
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## District IV

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

## State of New Mexico

Energy, Minerals and Natural Resources

Form C-103  
Permit 25840

## Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVIOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: O

2. Name of Operator

CHESAPEAKE OPERATING, INC.

3. Address of Operator

P. O. BOX 18496, OKLAHOMA CITY, OK 731540496

4. Well Location

Unit Letter M : 660 feet from the S line and 810 feet from the W line  
Section 11 Township 11S Range 33E NMPM Lea County

11. Elevation (Show whether DR, KB, BT, GR, etc.)

4239 GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit Type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

Other: \_\_\_\_\_

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTER CASING ☐COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐CASING/CEMENT JOB ☐Other: Drilling/Cement ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

3-07-06 RU Patterson rig #504 and spud 17 1/2" hole @ 2:30 p.m on 3/6/06.

3-08-06 RIH w/10 jts. 13 3/8" 48# H-40 STC csg. set @436'. Cmt'd w/275 sx + additives. 1.74 yield, tail in w/200 sx + additives 1.34 yield. Cmt. circ. to surface 3/3/2006 Spudded well.

## Casing and Cement Program

Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole
03/07/06	Surf	FreshWater	17.5	13.375	48	H40	0	436	475	1.34	C	1000	0	Y	
03/13/06	Int1	CutBrine	11	8.625	32	LTC	0	3800	1050		Poz	1000	0	Y	

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Electronically Signed

TITLE Regulatory Analyst

DATE 3/20/2006

Type or print name Brenda Coffman

E-mail address bcoffman@chkenergy.com

Telephone No. 432-685-4310

## For State Use Only:

APPROVED BY: Paul Kautz

TITLE Geologist

DATE 3/21/2006 10:23:42 AM

## District I

1625 N. French Dr., Hobbs, NM 88240  
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**State of New Mexico**  
Energy, Minerals and Natural Resources

**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-103  
Permit 32949

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NUMBER 30-025-37143
1. Type of Well: <input type="radio"/>		5. Indicate Type of Lease S
2. Name of Operator CHESAPEAKE OPERATING, INC.		6. State Oil & Gas Lease No.
3. Address of Operator P. O. BOX 18496, OKLAHOMA CITY, OK 731540496		7. Lease Name or Unit Agreement Name TP 11 STATE
4. Well Location Unit Letter M : 660 feet from the S line and 810 feet from the W line Section 11 Township 11S Range 33E NMPM Lea County		8. Well Number 002
11. Elevation (Show whether DR, KB, BT, GR, etc.) 4239 GR		9. DGRID Number 147179
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat
Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: Drilling/Cement <input checked="" type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.  
04/05/2006 In 7 7/8" hole, ran 233 jts. 5 1/2" 17# L-80, TC production casing set @ 10294'. Cemented w/890 sx 35.65 Poz Cl. H + additives 1.94 yield. Tail in w/280 sx 61:15:11 Poz Cl. C + additives. Tested casing to 2000 for 15 mins. - OK 3/3/2006 Spudded well.

## Casing and Cement Program

Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole
03/07/08	Surf	FreshWater	17.5	13.375	48	H40	0	436	475	1.34	C		1000	0	Y
03/13/08	Int1	CutBrine	11	8.825	32	LTC	0	3800	1050		Poz		1000	0	Y
04/05/08	Prod	FreshWater	7.875	5.5	17	L80	5400	10294	1170	1.94	Poz H & C		2000	0	Y

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NM OCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Electronically Signed TITLE Regulatory Analyst DATE 6/26/2006  
Type or print name Brenda Coffman E-mail address bcoffman@chkenergy.com Telephone No. 432-685-4310

## For State Use Only:

APPROVED BY: Paul Kautz TITLE Geologist DATE 6/26/2006 2:09:32 PM

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**

Form C-103  
Permit 33050

**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

WELL API NUMBER 30-025-37143
5. Indicate Type of Lease S
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name TP 11 STATE
8. Well Number 002
9. OGRID Number 147179
10. Pool name or Wildcat See Area 13

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVIOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: O

2. Name of Operator

CHESAPEAKE OPERATING, INC.

3. Address of Operator

P. O. BOX 18496, OKLAHOMA CITY, OK 731540496

4. Well Location

Unit Letter M : 660 feet from the S line and 810 feet from the W line  
Section 11 Township 11S Range 33E NMPM Lea County

11. Elevation (Show whether DR, KB, BT, GR, etc.)

4239 GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit Type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

**12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data****NOTICE OF INTENTION TO:**PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

Other: \_\_\_\_\_

**SUBSEQUENT REPORT OF:**REMEDIAL WORK ☐ ALTER CASING ☐COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐CASING/CEMENT JOB ☐Other: Perforations/Tubing ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

4/12/06 Perf Lower Penn @ 10116-145' w/4spfr (116 holes). Acidz w/3000 gals 15% NeFe+17BS + 10000 gals 20% Ultrage1. 4/25 Perf Upper Penn @ 10082-92 acidz w/2000 gals 15% NeFe+75BS. 4/28 Perf Penn @ 9911-22' (45 holes) acidz w/2000 gals 15% NeFe acid+75 ball sealers. 5/05 Perf Penn @ 9632-35, 648-59, 694-702, 793-95 w/4spfr (97 holes). Acidz w/1000 gals 15% NeFe + 65BS. 5/10 Acidz w/5000 gals 20% Ultrage1 + 40BS. 5/13 Perf 9380-88, 431-35, 442-45, 456-68 w/4spfr (108 holes). 5/16 Acidz w/2500 gals 15% NeFe w/100BS+1000 gals 15% NeFe

**Perforations****Pool: BAGLEY;PERMO PENN, NORTH, 3820 Location: M-11-11S-33E 660 S 810 W**

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
10116	10145	Y	4			Acid	13000
10082	10092	Y	4			Acid	2000
9911	9922	Y	4			Acid	2000
9632	9795	Y	4			Acid	6000
9380	9468	Y	4			Acid	3500

**Tubing****BAGLEY;PERMO PENN, NORTH, 3820**

Tubing Size	Type	Depth Set	Packer Set
2.875	L80	10175	

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMDCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Electronically Signed TITLE Regulatory Analyst DATE 6/26/2006Type or print name Brenda Coffman E-mail address bcoffman@chkenergy.com Telephone No. 432-685-4310**For State Use Only:**APPROVED BY: Paul Kautz TITLE Geologist DATE 6/27/2006 1:00:44 PM

# WELL LOGS

API number:	30-025-37143		
OGRID:		Operator:	CHESAPEAKE OPERATING INC
		Property:	TP 11 STATE # 2

surface	ULSTR:	M	11	T	11S	R	33E
			660	FSL		810	FWL

BH Loc	ULSTR:	M	11	T	11S	R	33E
			660	FSL		810	FWL

Ground Level:	***Conf***	DF:	***Conf***	KB:	***Conf***	
Datum:	KB			TD:	10294	

Land: STATE

Completion Date: (1) 6/3/2006  
 Date Logs Received: 6/28/2006 \*\*\*LATE  
 Date Due in: (2) 6/23/2006

Confidential:	YES			Date out:	9/23/2006
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Confidential period: 90 Days for State & Fee, 1 Year for federal

Date Due In: (1) is equal to Completion Date (1) + 20 days

Logs	Depth interval		
ZDL/CN	***Conf***	***Conf***	Dual Spaced Neutron Spectral Density
DLL/MLL	***Conf***	***Conf***	Dual Laterolog Micro SFL Log

## OCD TOPS

Rustler	***Conf***	Strawn		
Tansill	***Conf***	Atoka		
Yates	***Conf***			
7 rvs	***Conf***			
	***Conf***	Austin		
	***Conf***			
Queen	***Conf***			
Penrose	***Conf***			
Grayburg	***Conf***			
San Andres	***Conf***			
Glorieta	***Conf***			
	***Conf***			
Blinbry	***Conf***			
Tubb	***Conf***			
Drinkard	***Conf***			
Abo	***Conf***			
Wolfcamp	***Conf***			



OPERATOR CHESAPEAKE OPERATING  
WELL/LEASE TP 11 ST. 2  
COUNTY LEA

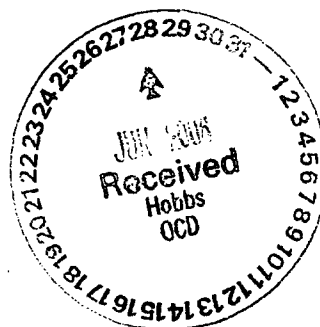
504-5042

m-11-11s-33e  
660/S & 810/W

STATE OF NEW MEXICO  
DEVIATION REPORT

30-025-37143

252	0.75
390	1.50
762	0.50
1,048	0.25
1,542	0.25
2,034	1.00
2,477	0.50
2,952	0.75
3,431	1.00
3,757	0.75
4,248	0.75
4,724	1.00
5,262	0.75
5,770	0.75
6,275	1.00
6,814	0.75
7,258	0.75
7,688	0.75
8,164	2.00
8,632	1.75
9,096	1.25
9,572	1.00
9,857	1.00
10,300	1.50



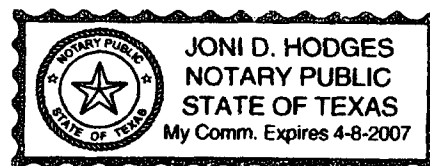
BY: Steve Moore

STATE OF TEXAS  
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on  
Moore on behalf of Patterson-UTL Drilling Company LP, LLLP.

April 12, 2006, by Steve

Joni D. Hodges  
Notary Public for Midland County, Texas  
My Commission Expires: 4/08/07



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State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised June 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address <b>Chesapeake Operating Inc. P. O. Box 11050 Midland, TX 79702-8050</b>		<sup>2</sup> OGRID Number <b>147179</b>
		<sup>3</sup> Reason for Filing Code/ Effective Date <b>NW 6/3/06</b>
<sup>4</sup> API Number <b>30 -025-37143</b>	<sup>5</sup> Pool Name <b>Bagley;Permo Penn, North</b>	<sup>6</sup> Pool Code <b>3820</b>
<sup>7</sup> Property Code <b>34690</b>	<sup>8</sup> Property Name <b>TP 11 State</b>	<sup>9</sup> Well Number <b>002</b>

II. <sup>10</sup> Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
<b>M</b>	<b>11</b>	<b>11S</b>	<b>33E</b>		<b>660</b>	<b>South</b>	<b>810</b>	<b>West</b>	<b>Lea</b>

<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>M</b>	<b>11</b>	<b>11S</b>	<b>33E</b>		<b>660</b>	<b>South</b>	<b>810</b>	<b>West</b>	<b>Lea</b>
<sup>12</sup> Lsc Code <b>S</b>	<sup>13</sup> Producing Method <b>Flowing</b>	<sup>14</sup> Gas Connection <b>06/03/2006</b>	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
	<b>CEMI</b>		<b>G</b>	
	<b>Teppco</b>		<b>O</b>	

IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description
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V. Well Completion Data

<sup>25</sup> Spud Date <b>03/03/2006</b>	<sup>26</sup> Ready Date <b>06/03/2006</b>	<sup>27</sup> TD <b>10294</b>	<sup>28</sup> PBTD <b>10184</b>	<sup>29</sup> Perforations <b>9380 - 10145</b>	<sup>30</sup> DHC, MC
<sup>31</sup> Hole Size <b>17 1/2</b>	<sup>32</sup> Casing & Tubing Size <b>13 3/8"</b>	<sup>33</sup> Depth Set <b>433'</b>	<sup>34</sup> Sacks Cement <b>475 sx CL C</b>		
<b>11</b>	<b>8 5/8"</b>	<b>3800'</b>	<b>1050 sx 50:50:10</b>		
<b>7 7/8</b>	<b>5 1/2</b>	<b>10294</b>	<b>1170</b>		

VI. Well Test Data

<sup>35</sup> Date New Oil <b>06/03/2006</b>	<sup>36</sup> Gas Delivery Date <b>06/03/2006</b>	<sup>37</sup> Test Date <b>06/16/2006</b>	<sup>38</sup> Test Length <b>24 hrs</b>	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure
<sup>41</sup> Choke Size <b>80</b>	<sup>42</sup> Oil	<sup>43</sup> Water <b>83</b>	<sup>44</sup> Gas <b>116</b>	<sup>45</sup> AOF	<sup>46</sup> Test Method <b>pumping</b>

<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Brenda Coffman*

Printed name: **Brenda Coffman**

Title: **Regulatory Analyst**

E-mail Address: **bcoffman@chkenenergy.com**

Date: **06/26/2006**

Phone: **(432)687-2992**

OIL CONSERVATION DIVISION

Approved by:

Title: **PETROLEUM ENGINEER**

Approval Date:

**JUL 05 2006**

## DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

## DISTRICT II

811 South First, Artesia, NM 88210

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

## State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised March 17, 1999

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-37143	Pool Code 3820	Pool Name Bagley;Permo Penn, North
Property Code 34690	Property Name TP "11" STATE	Well Number 2
OGRID No. 147179	Operator Name CHESAPEAKE OPERATING INC.	Elevation 4239'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	11	11 S	33 E		660	SOUTH	810	WEST	LEA

## Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature Brenda Coffman Printed Name Regulatory Analyst Title June 26, 2006 Date
	<b>SURVEYOR CERTIFICATION</b>  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.  JANUARY 27, 2005 Date Surveyed  Signature Seal of JONES Professional Surveyor W.O. No. 5047 Certificate No. Gary L. Jones 7977 PROFESSIONAL LAND SURVEYOR