District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Chund Awe., Artesia, NM 88210

District III

1000 Rio Brews Rd., Aziec, NM 87410

District IV

1220 S. St Frencis Dr., Senta 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

CHESAPEAKE OPI	Operator Name and Address CRATING, INC.	0 GRID Number 147179
PO Box 11050 Midland, TX 79703	2-8050	API Number 30-025-37143
Property Code 34690	Property Name TP 11 STATE	Well Ho. 002

Surface Location

-		T				T			_
UL or Lot.	Section	Township	Range	Lot Idn	Feet Fram	N/S Line	Feet Fram	E/W Line	County
M	11	115	33E	M	660	S	810	w	Lea

Proposed Pools

BAGLEY, PERMO PENN, NORTH 3820

Wask Type	Well Type	Ceble/Rotmy	Leese Type	Chound Level Elevation
New Well	OIL		State	4239
Multiple	Proposed Depth	Formation	Contractor	Spud Date
N	10300	Pennsylvanian		03/28/2005

Proposed Casing and Cement Program

Туре	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	425	480	0
Intl	11	8.625	24	3800	820	O O
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

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

I hereby certify that the information given above is true	OLD COLUMNICATION DITION		
and complete to the best of my knowledge and belief.			
Electronically Signed By: Brenda Coffman			
Title: Regulatory Analyst	Approval Date: 03/17/2005 Expiration Date: 03/17/2006		
Date: 03/16/2005 Phone: 432-685-4310	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

<u>District I</u> 1625 N. French Dr., Hobbs , NM 88240 <u>District II</u>

1301 W. Crund Ave., Artesia, NM 88210 District III 1000 Rio Brezos Rd., Azzec, NM 97410

District IV 1220 S. St. Francis Dr., Serta 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-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
OGRID No. 147179	Operator Nome CHESAPEAKE OPERATING, INC.	Elevation 4239

Surface And Bottom Hole Location

UL or Lot M	Section 11	Township 115	Rever 33E	Lot life M	Feet Fram 660	N/S Line	Feet Frum 810	E/W Line W	County Lea
	ted Acres	Joint at	14611	Consoli	latian 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

District I 1625 N. French Dr., Hobbs, NM 88		ate of New Mexico	Form C-103 Permit25838
Phone:(505) 393-6161 Fax:(505) 39		Minerals and Natural Resource	
District II	Oil (Conservation Division	WELL API NUMBER
1301 W. Grund Ave., Artesia, NM 6 Phone: (505) 748-1283 Fex: (505) 748		20 S. St Francis Dr.	30-025-37143
<u>District III</u> 1000 Rio Brezos Rd., Azzec, NM 87 Phone: (505) 334-6178 Fex: (505) 33		anta Fe, NM 87505	5. Indicate Type of Lesse S
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, N Phone: (505) 476-3470 Fex: (505) 47			6. State Oil & Gas Lease No.
SUNDRY	NOTICES AND REPO	ORTS ON WELLS	7. Lease Name or Unit Agreement Name
		OR TO DEEPEN OR PLUG BACK ' ERMIT" (FORM C-101) FOR SUCH	
PROPOSALS.)		,	8. Well Number
1. Type of Well:()			002
2. Name of Operator CH	ESAPEAKE OPERATING	G, INC.	9. DGRID Number 147179
3. Address of Operator			10. Pool name or Wildret
•	496, OKLAHOMA CITY	7, OK 731540496	
4. Well Location			
Unit Letter M : 660	feet from the S	line and 810 feet from t	he W line
Section 11 To	wnship 11S	Range 33E NI	MPM Let County
Pit or Below-grade Tank Application Pit Type Depth to Grow Pit Liner Thickness:	n ar Closure		e from nearest surface watertion Material
12. Che	ck Appropriate Box to	Indicate Nature of Notice, Rep	oort or Other Data
NOTICE OF PERFORM REMEDIAL WOR TEMPORARILY ABANDON PULL OR ALTER CASING Other:		OON REMEDIAL WORK COMMENCE DRILLING	QUENT REPORT OF: ALTER CASING OPNS. PLUG AND ABANDON X
		tinent details , and give pertinent dates , incl e diagram of proposed completion or recom	uding estimated date of starting any proposed upletion.
3/6/2006 Spudded well.			
			certify that any pit or below-grade tank has
SIGNATURE Electronical		, a general permit or en (stached) alte TLE Regulatory Analyst	DATE 3/20/2006
Type or print name Brends		address bcoffman@chkenergy.com	
For State Use Only:			
APPROVED BY: Paul K	eutz TI	ΓLE Geologist	DATE 3/21/2006

District, I	State of	f New Mexico		To-	m C-103
1625 N. French Dr., Hobbs, NM 88240		s and Natural Resource			nit 25840
Phone:(505) 393-6161 Fex:(505) 393-0720 District II	ω,			LL API NUMBER	
1301 W. Grund Ave., Artesia, HM 88210		rvation Division	<u>. </u>	30-025-37143	
Phone:(505) 748-1283 Fax:(505) 748-9720 District III	1220 S.	St Francis Dr.	-		
1000 Rio Brezos Rd., Aziec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170	Santa I	Fe, NM 87505	5. h	ndicate Type of Lease S	
District IV					
1220 S. St. Francis Dr., Senta Fe, NM 97505 Phone: (505) 476-3470 Fex: (505) 476-3462			6. S	itate Oil & Ges Leese No.	
	S AND REPORTS (esse Name or Unit Agreeme	t. Name
(DO NOT USE THIS FORM FOR PROPOS A DIFFRENT RESERVIOR. USE "APPLIC PROPOSALS.)			ı	TP 11 STATE Well Number	
1. Type of Well:()				002	
2. Name of Operator			9. 0	GRID Number	
CHESAPEAK	E OPERATING, INC.			147179	
3. Address of Operator			10.	Pool name or Wildest	
P. O. BOX 18496 , OKL	AHOMA CITY, OK 7	31540496			
4. Well Location	a F v	1 910	a	117	
Unit Letter M : 660 feet from Section 11 Township			TMPM	W line Lea County	
		ther DR, KB, BT, GR, etc.) 39 GR			
Pit or Below-grade Tank Application or Close	IR.		<u> </u>		•
Pit Type Depth to Chroundwater	Distance from nearest fr	esh water well Dista	nce from nea	rest. surface water	
Pit Linux Thickness: mil B	elow-Grade Tenk: Volume	bbls; Constru	setion Materi	ial	
					
12. Check Appro	priate Box to Indicat	e Nature of Notice, Re	eport or (Other Data	
12. Check Appro	priate Box to Indicat	e Nature of Notice, Re	eport or (Other Data REPORT OF:	,,,,,,
12. Check Appro NOTICE OF INTENTI PERFORM REMEDIAL WORK PLU	priate Box to Indicat ON TO:	e Nature of Notice, Re SUBSE	eport or (QUENT I	Other Data REPORT OF: ALTER CASING	ON [
12. Check Appro NOTICE OF INTENTI PERFORM REMEDIAL WORK PLU TEMPORARILY ABANDON CHA	priate Box to Indicat ON TO: IG AND ABANDON	e Nature of Notice, Re SUBSE REMEDIAL WORK	eport or (QUENT I	Other Data REPORT OF: ALTER CASING	I NC
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12. Check Appro NOTICE OF INTENTI PERFORM REMEDIAL WORK PLU TEMPORARILY ABANDON CHA PULL OR ALTER CASING MU Other: 13. Describe proposed or completed operations. (C words.) SEE RULE 1103. For Multiple Completio 3-07-06 RU Patterson rig #504 and spuri	priate Box to Indicat ON TO: IG AND ABANDON ANGE OF PLANS LTIPLE COMPL Clearly state all pertinent deta ms: Attach wellbore diagram 17 1/2" hole @ 2:30 p.m.	e Nature of Notice, Re SUBSE REMEDIAL WORK COMMENCE DRILLING CASING/CEMENT JOB Other: Drilling/Cemen ils, and give pertinent dates, in of proposed completion or reco on 3/6/06.	eport or (QUENT) GOPNS. F	Other Data REPORT OF: ALTER CASING PLUG AND ABAND	oosed
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12. Check Appro NOTICE OF INTENTI PERFORM REMEDIAL WORK PLU TEMPORARILY ABANDON CHA PULL OR ALTER CASING MU Other: 13. Describe proposed or completed operations. (C words.) SEE RULE 1103. For Multiple Completio 3-07-06 RU Patterson rig #504 and spuri 3-08-06 RIH w/10 jts. 13 3/8" 48# H-40 S yield. Crnt. circ. to surface.3/3/2006 Spudi Casing and Cement Program Date String Fluid Hole Type Size 03/07/06 Surf FreshWater 17.5	priate Box to Indicat ON TO: IG AND ABANDON ANGE OF PLANS LTIPLE COMPL Clearly state all pertinent deta ans: Attach wellbore diagram 17 1/2" hole @ 2:30 p.m. ITC csg. set @436". Cmt ded well. Csg Weight Size Ib/ft 13.375 48 H4	e Nature of Notice, Re SUBSE REMEDIAL WORK COMMENCE DRILLING CASING/CEMENT JOB Other: Drilling/Cemen dis, and give pertinent dates, in of proposed completion or reco on 3/6/06. d w/275 sx + additives. 1. de Est Opth TOC Set Sacks O 0 436 476	eport or (QUENT) QUENT) GOPNS. Chading estimate the	Other Data REPORT OF: ALTER CASING PLUG AND ABAND anted date of starting any properties all in w/200 sx + addition The press of the p	oosed s 1.34
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12. Check Appro NOTICE OF INTENTI PERFORM REMEDIAL WORK PLU TEMPORARILY ABANDON CHA PULL OR ALTER CASING MU. Other: 13. Describe proposed or completed operations. (Complete) 3-07-06 RU Patterson rig #504 and spud 13-08-06 RIH w/10 jts. 13 3/8" 48# H-40 Syield. Cmt. circ. to surface.3/3/2006 Spud Casing and Cement Program Date String Fluid Hole Size 03/07/06 Surf FreshWater 17.5 03/13/08 Int1 CutBrine 11	priate Box to Indicat ON TO: IG AND ABANDON ANGE OF PLANS LTIPLE COMPL Clearly state all pertinent deta ms: Attach wellbore diagram. I7 1/2" hole @ 2:30 p.m. ITC csg. set @436". Cmt ded well. Csg Weight Size Ib/ft 13.375 48 H4 8.825 32 LT	e Nature of Notice, Re SUBSE REMEDIAL WORK COMMENCE DRILLING CASING/CEMENT JOB Other: Drilling/Cemen ils, and give pertinent dates, ind of proposed completion or reco on 3/6/106. d w/275 sx + additives. 1. de Est Opth TOC Set Sacks 0 0 436 475 0 0 3800 1050	QUENT GOPNS. Chading estimate Chading estimat	Other Data REPORT OF: ALTER CASING PLUG AND ABAND anted date of starting any properties all in w/200 sx + additive ass 1" Pres Pre Dpth Held Dro C 1000 oz 1000	s Open
12. Check Appro NOTICE OF INTENTI PERFORM REMEDIAL WORK PLU TEMPORARILY ABANDON CHA PULL OR ALTER CASING MU. Other: 13. Describe proposed or completed operations. (C work.) SEE RULE 1103. For Multiple Completic 3-07-06 RU Patterson rig #504 and spud 13-08-06 RIH w/10 jts. 13 3/8" 48# H-40 S yield. Cmt. circ. to surface.3/3/2006 Spud Casing and Cement Program Date String Fluid Hole Type Size 03/07/06 Surf FreshWater 17.5 03/13/08 Int1 CutBrine 11 Thereby certify that the information above is true a been/will be constructed or closed according to N	priate Box to Indicat ON TO: IG AND ABANDON ANGE OF PLANS LTIPLE COMPL Clearly state all pertinent deta ms: Attach wellbore diagram 17 1/2" hole @ 2:30 p.m TC csg. set @436". Cmt ded well. Csg Weight Size Ib/ft 13.375 48 H4 8.025 32 LT and complete to the best of ma MOCD guidelines [7, a general	e Nature of Notice, Re SUBSE REMEDIAL WORK COMMENCE DRILLING CASING/CEMENT JOB Other: Drilling/Cemen lis, and give pertinent dates, ind of proposed completion or reco on 3/6/06. d w/275 sx + additives. 1. de Est Opth TOC Set Sacks 0 0 436 476 0 0 3800 1050 / knowledge and belief. I furthe al permit or on (attached) all	QUENT GOPNS. Chading estimate Chading estimat	Other Data REPORT OF: ALTER CASING PLUG AND ABAND anted date of starting any properties all in w/200 sx + additive ass 1" Pres Pre Opth Held Dro C 1000 oz 1000 any pit or below-grade tank i D-approved plan	s Open
12. Check Appro NOTICE OF INTENTI PERFORM REMEDIAL WORK PLU TEMPORARILY ABANDON CHA PULL OR ALTER CASING MU. Other: 13. Describe proposed or completed operations. (Complete) 3-07-06 RU Patterson rig #504 and spud 13-08-06 RIH w/10 jts. 13 3/8" 48# H-40 Syield. Cmt. circ. to surface.3/3/2006 Spud Casing and Cement Program Date String Fluid Hole Size 03/07/06 Surf FreshWater 17.5 03/13/08 Int1 CutBrine 11	priate Box to Indicat ON TO: IG AND ABANDON ANGE OF PLANS LTIPLE COMPL Clearly state all pertinent deta ans: Attach wellbore diagram 17 1/2" hole @ 2:30 p.m TC csg. set @436". Cmt ded well. Csg Weight Size Ib/ft 13.375 48 H4 8.625 32 LT and complete to the best of my MOCD guidelines [7, a generation]	e Nature of Notice, Re SUBSE REMEDIAL WORK COMMENCE DRILLING CASING/CEMENT JOB Other: Drilling/Cemen Ils, and give pertinent dates, ind of proposed completion or reco on 3/6/06. Id w/275 sx + additives. 1. de Est Dpth TOC Set Sacks 0 0 436 475 C 0 3800 1050 v knowledge and belief. I furthe al permit or on (attached) all egulatory Analyst	QUENT GOPNS. Chading estimate Chading estimat	Dither Data REPORT OF: ALTER CASING PLUG AND ABAND anted date of starting any properties all in w/200 sx + additive ass 1" Pres Pre Doth Held Dro C 1000 oz 1000 cry pit or below-grade tank 1 D-approved plan DATE 3/20/2006	s Open
12. Check Appro NOTICE OF INTENTI PERFORM REMEDIAL WORK PLU TEMPORARILY ABANDON CHA PULL OR ALTER CASING MU. Other: 13. Describe proposed or completed operations. (C words.) SEE RULE 1103. For Multiple Completic 3-07-06 RU Petterson rig #504 and spud 13-08-06 RIH w/10 jts. 13 3/8" 48# H-40 S yield. Cmt. circ. to surface 3/3/2006 Spud Casing and Cement Program Date String Fluid Hole Type Size 03/07/06 Surf FreshWater 17.5 03/13/08 Int1 CutBrine 11 Thereby certify that the information above is true a been/will be constructed or closed according to NI SIGNATURE Electronically Signed	priate Box to Indicat ON TO: IG AND ABANDON ANGE OF PLANS LTIPLE COMPL Clearly state all pertinent deta ans: Attach wellbore diagram 17 1/2" hole @ 2:30 p.m TC csg. set @436". Cmt ded well. Csg Weight Size Ib/ft 13.375 48 H4 8.625 32 LT and complete to the best of my MOCD guidelines [7, a generation]	e Nature of Notice, Results SUBSE REMEDIAL WORK COMMENCE DRILLING CASING/CEMENT JOB Other: Drilling/Cemen lis, and give pertinent dates, in of proposed completion or record on 3/6/06. Id w/275 sx + additives. 1. de Est Opth Sacks O 0 436 475 C 0 3800 1050 / knowledge and belief. I further all permit or an (attached) all grulatory Analysts bcoffman@chkenergy.com	Chading estimated to tending the continuous of t	Dither Data REPORT OF: ALTER CASING PLUG AND ABAND anted date of starting any properties all in w/200 sx + additive ass 1" Pres Pre Doth Held Dro C 1000 oz 1000 cry pit or below-grade tank 1 D-approved plan DATE 3/20/2006	S Open Hole

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone (505) 393-6161 Fext(505) 393-0720	State of New Mexico Energy, Minerals and Natural Resources	Funn C-103 Pennii 32949			
District. II	Oil Conservation Division	WELL API NUMBER			
1301 W. Chund Ave., Artesia, NM 88210	30-025-37143				
Phone:(505) 748-1283 Fax:(505) 748-9720	1220 S. St Francis Dr.	30 043-371-3			
District III	Conta Es NIM 07505				
1000 Rio Brezos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fex:(505) 334-6170	Santa Fe, NM 87505	5. Indicate Type of Lesse S			
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phame (505) 476-3470 Fax:(505) 476-3462		6. State Oil & Ges Leese No.			
· · · · · · · · · · · · · · · · · · ·	AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name			
	LS TO DRILL OR TO DEEPEN OR PLUG BACK TO	TP 11 STATE			
17	TION FOR PERMIT" (FORM C-101) FOR SUCH	8. Well Number 002			
1. Type of Well:O					
2. Name of Operator CHESAPEAKE	OPERATING, INC.	9. DGRID Number 147179			
3. Address of Operator		10. Pool name or Wildret			
1	HOMA CITY, OK 731540496	_ ,,			
4. Well Location	<u>, </u>				
Unit Letter M : 660 feet from t	the S line and 810 feet from the	W line			
Section 11 Township	11S Range 33E NIMPM	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 Chromoweter	Distance from nearest fresh water well Distance from	nearest surface water			
Pit Liner Thickness: mil Belo	ow-Grade Tenk: Volume	Saterial			
12. Check Appropri	riate Box to Indicate Nature of Notice, Report (or Other Data			
NOTICE OF INTENTIO	N TO: SUBSEQUEN	IT REPORT OF:			
PERFORM REMEDIAL WORK PLUG	AND ABANDON REMEDIAL WORK	ALTER CASING			
TEMPORARILY ABANDON CHAN	IGE OF PLANS COMMENCE DRILLING OPNS	PLUG AND ABANDON			
PULL OR ALTER CASING MULT	TIPLE COMPL CASING/CEMENT JOB	200			
Other:	Other: Drilling/Cement	×			
work.) SEE RULE 1103. For Multiple Completions 04/05/2006 In 7 7/8" hole, ran 233 jts. 5 1/2"	ally state all pertinent details, and give pertinent dates, including :: Attach wellbore diagram of proposed completion or recompletion "17# L-80, TC production casing set @ 10294". Cemen 11 Poz Cl. C + additives. Tested casing to 2000 for 15	n. .ted w/890 sx 35:65 Poz Cl. H +			
Casing and Concret Program					
Fluid Holo	Csg Weight Grade Est Dpth Sacks Yield	Cines 1" Pres Pres Open			
'ype Size	Size Ib/fit DI AGE TOC Set Sacks field	Doth Held Drop Hole			
	3.375 48 H40 0 436 475 1.34	C 1000 0 Y			
03/13/08 Int1 CutBrine 11 E 04/05/08 Prod FreshWater 7.875	8.825 32 LTC 0 3800 1050 5.5 17 L80 5400 10294 1170 1.94 F	Poz 1000 0 Y Poz H & C 2000 0 Y			
THE PROPERTY PARTY	3.5 17 LBG 54GG 10284 1170 1.84 P	Poz H & C 2000 0 Y			
SIGNATURE Electronically Signed	complete to the best of my knowledge and belief. I further certify CD guidelines , a general permit or an (stached) alternative TITLE Regulatory Analyst	DATE 6/26/2006			
Type or print name Brenda Coffman For State Use Only:	E-mail address bcoffmen@chkenergy.com Tele	epnone No. 432-685-4310			
APPROVED BY: Paul Kautz	TITLE Geologist	DATE 6/26/2006 2:09:32 PM			

			State of	i New M	exico		Form C-103 Fermit 33050
1625 N. French Dr., Phone (505) 393-616		ao En	ergy, Mineral	s and Natur	al Resources		- 000 T 33030
District II			Oil Conse	wation l	Division	WELL API NUMBER	
1301 W. Chend Ave.		30-025-37143	į				
Phone:(505) 749-128	3 Fax:(202) 146-917	20	1220 S.	St Franc	is Dr.		
District III 1000 Rio Bresos Rd.	Artec NM 87410		Santa I	e, NM 8	7505	5. Indicate Type of Lease	
Phone:(505) 334-617		70				S	
District IV							
1220 S. St. Francis D Phone: (505) 476-347						6. State Oil & Gas Lease No	
Flux@:(303) 470-347			REPORTS C	NI WELLS		7. Lease Name or Unit Agree	ment Neme
(DO NOT USE TI					PLUG BACK TO	TP 11 STATE	
A DIFFRENT RES							
PROPOSALS.)						9. Well Number 002	
1. Type of Well:()							
2. Name of Operator	OTTEN 1					9. OGRID Number	
	CHESA	APEAKE OPER	CATING, INC.			147179	
3. Address of Operate				34 5 40 40 5		10. Pool name or Wildcet	
P	P.O. BOX 18496	, OKLAHOM	A CITY, OK 1.	31340496		See Area 13	
4. Well Location	. 660	£ £ els.	S line or	nd 810	for from the	W line	
Unit Letter M	: 660	_ feet from the			feet from the		
Section 1	1 Townsh	· ———	11S F	lungs	33E NMPM	: Lea County	'
		11. E	levation (Show who		IT, GR, etc.)		-
	1 45		42	39 GR			
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Pit Type	Depth to Crowndwa		tance from nearest fi	esh water well_		m nearest suitace water	-
Pit Liner Thickness:			de Tank: Vohume_		bbls; Construction		
				e Nature of	Notice, Report		
	TICE OF INT			REMEDIAI	•	NT REPORT OF:	r
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Other:				Other: Peri	prations/Tubing	•	
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Other: 13. Describe propose work.) SEE RULE 1 4/12/06 Perf Low Upper Penn @ 10 bell sealers 5/05 Pgals 20% Ultregel w/100BS+1000 g Pool: BAGLEY;ITOP BOT 10116 10145 10082 10092 9911 9922 9632 9795 9380 9468 BAGLEY;PERMO Tubing Size 2.875 Ihereby certify that the been will be construct SIGNATURE Type or print in	d ar completed open 103. For Makiple C er Penn @10116 1082-92 acdz w/2 erf Penn@9632-: + 40BS 5/13 Per als 15% NeFe PERMO PENN, 1 Open Hole Y Y Y Y Y PENN, NORTH, 3 the inflammation above ted or closed accordi Electronically S tame Brenda Cod	tions. (Clearly state ampletions: Attach 145 w/4cpf(116 1000 gals 15%N 35,648-59,694- f 9380-88,431-2 NORTH, 3820 Shots/fit 4 4 4 4 7 1000 gals 15%N Shots/fit 4 4 4 4 6 1000 gals 15%N Shots/fit 4 6 6 6 7 1000 gals 15%N 1000 gals 1	Tu Depth Set 10175 ste to the best of m TITLE R Tu briller identifier in the set of the set of the best of m TITLE R	Other: Peri	timent dates, including pletion or recompletic pletion or recompletic William to recompletic William to recompletic William to recompletic William to the William Will	g estimated date of starting any on. 10000 gals 20% Ultragel. acdz w/2000gals 15% NeF acdz w/2500 gals 15% neFe Amount 13000 2000 2000 3500 3500	proposed W25 Perf Te acid+75 cdz w/5000
Other: 13. Describe propose work.) SEE RULE 1 4/12/06 Perf Low Upper Penn @ 10 bell sealers 5/05 Pgals 20% Ultragel w/100BS+1000 g Pool: BAGLEY;ITOP BOT 10116 10145 10082 10092 9911 9922 9632 9795 9380 9468 BAGLEY;PERMO Tubing Size 2.875 Ihereby certify that the been/will be construct SIGNATURE	d ar completed open 103. For Multiple C er Penn @10116- 1082-92 acdz w/2 erf Penn@9632- + 40BS 5/13 Per als 15% NeFe PERMO PENN, 1 Open Hole Y Y Y Y PENN, NORTH The information above ted or closed accordi Electronically S tarne Brenda Cor	nims. (Clearly statement of the completions: Attach 145 w/4spf(116 000 gals 15% N 35,648-59,694-7 f 9380-88,431-3 NORTH, 3820 Shots/ft 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Tu Depth Set 10175 ste to the best of m TITLE R Tu briller identifier in the set of the set of the best of m TITLE R	Other: Peri	timent dates, including pletion or recompletic pletion or recompletic William to recompletic William to recompletic William to recompletic William to the William Will	g estimated date of starting any can. 10000 gals 20% Ultragel. 4 acdz w/2000gals 15% NeF acdz w/2500 gals 15% neFe 15% neFe + 65BS. 5/10A is w/2500 gals 15% neFe Amount 13000 2000 2000 5000 3500	proposed 1/25 Perf re acid+75 cdz w/5000

WELL LOGS

		30-025-3714						
	OGRID:		Operator:		AKE OPERA	TING INC		
			Property:	TP 11 STA	TE			# 2
surface	ULSTR:	M	11	T	11S		33E	
			660	FSL	810	FWL		-
							•	
BH Loc	ULSTR:	M	11	T	118	R	33E	
	<u> </u>		660	FSL	810	FWL		•
							•	
Gı	ound Level:	***Conf***	DF:	***Conf***	KB:	***Conf***		
	Datum:				TD:	10294		
		<u> </u>	<u> </u>	*			· · · · · · · · · · · · · · · · · · ·	
					Completi	on Date: (1)	6/3/2006	1
	Land:	STATE	1			s Received:		
	Lana.	0.7	1			Due in: (2)		
Co	nfidential:	YES			1	Date out:	9/23/2006	
CO			o for State 8 Fr	an 4 Voorford	inderel	Date out.		
		period: 90 Day						
		: (1) is equal to	Depth int		ys T			
ZDL/CN	Logs		***Conf***		Dual Space	d Noutron S	pectral Dens	ity
		······	***Conf***	***Conf***				ыцу
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		OCD TOPS	;					
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		Conf			1	1		
Queen		***Conf***			1	1		
Penrose		***Conf***		·	 	 		 -
Graybur		***Conf***			1	 		
San And		***Conf***	1		 			
Glorieta		***Conf***	1		 	 		
Sicricia		***Conf***	 		 			
Blinebry		***Conf***						
Tubb		***Conf***	 		 	 		
Drinkard		***Conf***	 		 	 	 	
Abo		***Conf***	 		 			
Wolfcan	10	***Conf***	 		 	 		
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OPERATOR

CHESAPEAKE OPERATING

WELL/LEASE COUNTY

TP 11 ST. 2

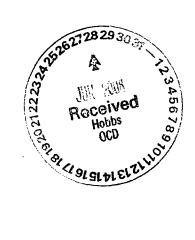
LEA

M-11-115.33e 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
-	



STATE OF TEXAS
COUNTY OF MIDLAND

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

April 12, 2006

, by Steve

Notary Public for Midland County, Texas My Commission Expires: 4/08/07



State of New Mexico Energy, Minerals & Natural Resources

Form C-104 Revised June 10, 2003

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Big Brence Rd. Artes, NM 87410

Oil Conservation Division

Submit to Appropriate District Office

1000 Rio Brazos District IV	Rd., A	ztec, NM	87410		12	220 8	South St	. Francis	Dr.					5 Copies
1220 S. St. Franc	cis Dr.,					San	nta Fe, N	IM 87505	5					AMENDED REPORT
1 _	I		-	<u>est fo</u>	RALL	<u>,OW</u>	ABLE /	AND AU	THOR	UZA:	<u> TION T</u>	O TR	ANSPO	ORT
Operator na Chesapeak												7179		
P. O. Box	11050)	•							³ Re	ason for Fi W 6/3/06	iling Co	ode/ Effect	live Date
Midland, 7 4 API Number		7/02-00		l Name						·	1		ool Code	
30 -025-37	143			gley;Pern		, Nor	rth						20	
⁷ Property Co 34690)de 	. /	Prop	perty Name 11 State	e							00	/ell Numb 2	er /
		Locati	- 1											
UI or lot no.	Section 11	ion Tov	• 1	Range 33E	Lot.ldn	Fee 660	et from the	North/Sou	1th Line	Feet 810	from the	East/ West	West line	County Lea
		Hole I		I 										
UL or lot no.		on To	_	1 1	Lot Idn	Fee	et from the	North/So	uth line	Feet	from the	East/	West line	County
M	11	11S		33E	onnection	660		South mit Number	16	810 C 120	Effective I	Wes		Lea 129 Expiration Date
Lse Code S	Flow	Code	CURA	06/03/			C-129 ren	mit Number		C-129	Епесиче	Date	<u></u>	129 Expiration Date
III. Oil a	and G						1 20	<u> </u>	7 7,			22		
18 Transpor OGRID	ter		Tra	insporter N	lame			POD	21 C)/G		" P	OD ULST and Desc	R Location
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IV. Proc	duced	Water	7 PC	TIT CTD	Ytion	d	Description							
ן ייטט			PO.	D OF91K	Location	anu i	Jescripuon							ł
V. Well	l Com	pletio	n Data											
25 Spud D 03/03/2006	ate		²⁶ Ready 3/ 2006	Date	10294	²⁷ T	"D	²⁸ PI 10184	BTD		²⁹ Perforat 30 - 1014			30 DHC, MC
	lole Si			32 Casir	ng & Tubi		ze		3 Depth S	!			34 Sa	cks Cement
17 1/2			1	13 3/8"				433'				475 s	x Cl. C	
11			1	8 5/8"				3800' 1050 sx 50:50:10):10			
7 7/8			7 !	5 1/2				10294				1170		
			+				-				-			
					~									
VI. We	Il Tes	t Data	as Deli	very Date	37	7 Test	Date	38 7	Test Leng		39 T	bg. Pre	Pelina	⁴⁰ Csg. Pressure
06/03/200	6		03/200	16	06/	/16/2	2006	24 hrs		şu:	'	Og. FIG	SSUIC	CSg. F1655ute
41 Choke S	Size	80	⁴² O	ñl	83	43 W	ater	116	44 Gas			45 AO	i	46 Test Method pumping
⁴⁷ I hereby ce	rtify th	at the ru	ıles of t	he Oil Cor	servation	Divi	sion have			OIL	CONSE	RVATIO	ON DIVIS	SION
been complie complete to 1						c is t	rue and					_	>	
Signature:	Кw	nd	<i>ە</i> د(old	mer	~		Approved	by:	/		2	unu	
Printed name	:: trends	a Coffin	man	-717	<u> </u>			Title:	250		PF	TRO	EUM E	NGINEER
Title:		tory A						Approval	Date:					
F-mail Addre	ecc.	an@ch								JUL	052	006		
Date:	6/2006			hone: (432	2)687 <u>-</u> 29						_			
1			1	(40)	-,00,-2,	-)°	d						1

DISTRICT I 1625 N. French Dr., Hobbs, NM 88240 DISTRICT II

DISTRICT IV

State of New Mexico

Form C-102 Revised March 17, 1999

Energy, Minerals and Natural Resources Department

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

2040 South Pacheco, Santa Fe. NM 87505

811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

AP! Number 30-025-37143	Pool Code 3820	Bagley;Permo Penn, North	e	
Property Code 34690	TP	Well Number		
ogrid No. 147179		Operator Name AKE OPERATING INC.	Elevation 4239'	

Surface Location

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

Bottom Hole Location If Different From Surface

UL or lot No.	Section 1	ownship	Range	Lot Idn .	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or	Infill Cor	solidation (Code Ore	der No.				<u> </u>

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

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		HAS BEEN APPROVED BY TH	D 211231011
.			OPERATOR CERTIFICATION  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
		362178293037 23	Brenda Coffman
		ESS TOP SOLVE TIME OF SOLVE TI	Brenda Coffman Printed Name Regulatory Analyst Title June 26, 2006
		Color Haldran Erging	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 supervison, and that the same is true and correct to the best of my belief.
Lat.: N33.3748		+	JANUARY 27, 2005  Date Surveyed  Signature Seel of JOACS  Professional Surveyed
Long.: W103.5903* (NAD 27)			W.S. No. 5047
	-//		Certificate No. Gary L. Jones 7977