

ABOVE THIS LINE FOR DIVISION USE ONLY

671-B
SWD



NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] TYPE OF APPLICATION - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR
- [D] Other: Specify _____

- [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply
- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name _____	Signature _____	Title _____	Date _____
e-mail Address _____			

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance Disposal _____ Storage
Application qualifies for administrative approval? _____ Yes _____ No
- II. OPERATOR: Chesapeake Operating, Inc.
ADDRESS: 1616 West Bender Blvd. Hobbs, NM 88241
CONTACT PARTY: Elizabeth Bohanon PHONE: 505-391-1462
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? _____ Yes No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: Charlie Robinson TITLE: Asset Manager - North Permian
SIGNATURE:  DATE: 10/22/07
E-MAIL ADDRESS: crobinson4@chkenegy.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

2007 OCT 25 PM 11:55
RECEIVED

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

III. Well Data

A.

1. Big Bertha 1-11
Sec 11, T-16S-R-36E
2081' FNL & 1870' FWL
2. Surface casing – 13-3/8", 72# set at 406'. Cemented with 375 sx, circ to surf.

Intermediate casing – 8-5/8", 32# set at 4,173'. Cemented with 1,550 sx, circ to surf.

Production casing – 5-1/2", 17# set at 10,900'. Cemented with 575 sx with top of cement at 5,554' from CBL.
3. Injection tubing to be used will be 2-3/8", L-80 plastic lined tubing. Setting depth will be above the injection interval at ~9,800'
4. The injection packer to be used is an Arrow Set 1 packer set at ~9,800'

B.

1. The injection formation is the Wolfcamp.
2. The injection interval is to be 9,830' – 10,118' (OA)
3. This well was originally drilled to be a producer in the Wolfcamp.
4. The perforated intervals in this well are as follows:
Upper Beta Reef (Wolfcamp) 10,592' – 10,599'
Middle Beta Reef (Wolfcamp) 10,688' – 10,692' – squeezed below cement retainer set at 10,675'
Lower Beta Reef (Wolfcamp) 10,754' – 10,760' – squeezed below cement retainer set at 10,675'
5. There are no known oil or gas zones above the proposed injection interval within the area of review.

VII. Data on Proposed Operation

1. Anticipated average daily injection rate into the Big Bertha 1-11 is 2,000 BWIPD with a maximum daily expected rate of 1,500 BWPD.
2. The system will be a closed system.
3. The average injection pressure will be 1,500 psi and the maximum will be 2,000 psi.
4. The injected fluid will be from the Wolfcamp, which is produced water from nearby well, SV Chipshot 1, that is to be re-injected for disposal.
5. The proposed disposal zone is the Wolfcamp. This produced water that is to be disposed is also from the Wolfcamp, which is the same as the disposal zone. The presence of an aquifer indicates that it should not be a problem to dispose in this well.

VIII. Geologic Data

The top of the Wolfcamp in the Big Bertha 1-11 is 9,830' and is a shelf margin carbonate bank which has been dolomitized. The overall thickness is approximately 90' and the proposed injection intervals look non-productive and water bearing on the logs.

IX. This well will be acidized with 15% HCl and ball sealers for diversion.

X. The openhole logs are on file with the NMOCD.

XI. A search reveals that there are two freshwater wells near the Big Bertha 1-11. They are City Well MW-2, located southwest of the Big Bertha 1-11 and the Caprock Office well, which is located northwest of the Big Bertha 1-11. Water samples are attached for your review.

XII. The available geologic and engineering data has been reviewed and there is not evidence of open faults or any hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Please see the attached information regarding the Proof of Notice section.



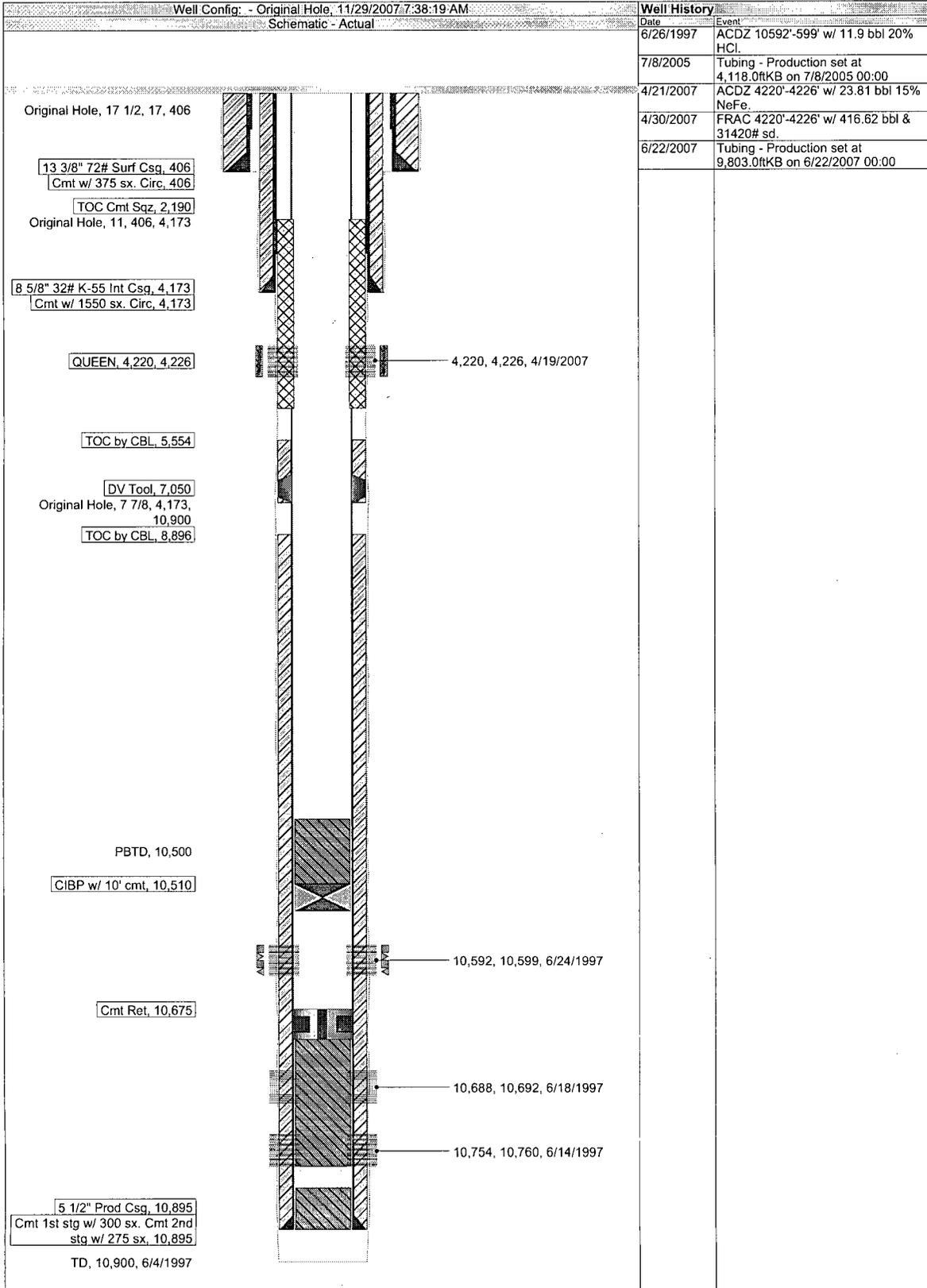
Current Wellbore Schematic

BIG BERTHA 1-11

Field: Lovington North
 County: LEA
 State: NEW MEXICO
 Elevation: GL 3,893.00 KB 3,910.00
 KB Height: 17.00

Spud Date: 5/10/1997
 Initial Compl. Date:
 API #: 3002533883
 CHK Property #: 812241
 1st Prod Date:
 PBTD: Original Hole - 10500.0
 TD: 10,900.0

Location: SEC 11, 16S-36E, 2081 FNL & 1870 FWL



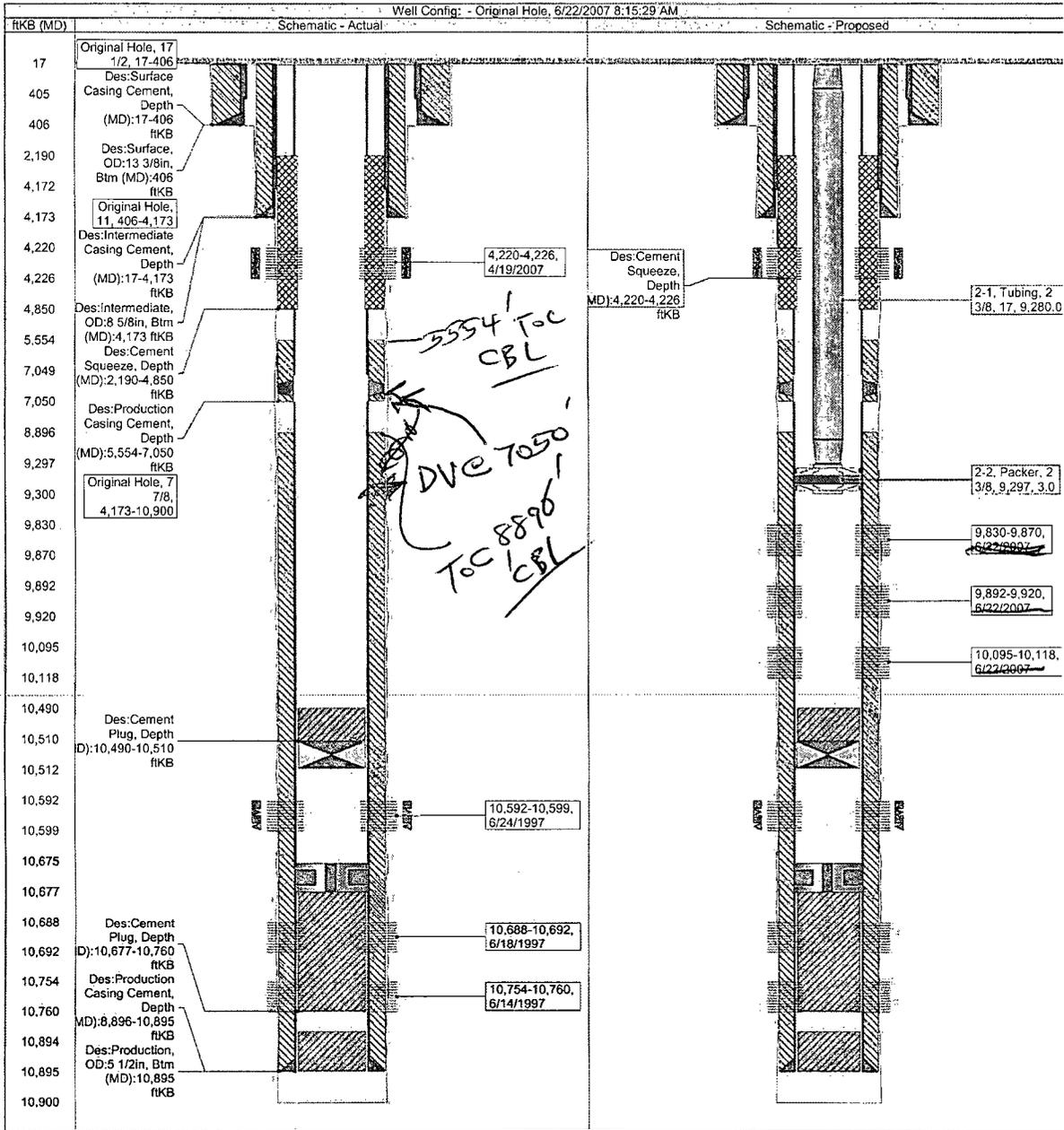


Proposal for Workover

BIG BERTHA 1-11

Field: LOVINGTON NORTH
 County: LEA
 State: NEW MEXICO
 Location: SEC 11-16S-36E, 2081 FNL & 1870 FWL
 Elevation: GL 3,893.00 KB 3,910.00
 KB Height: 17.00 LOVINGTON NORTH

Spud Date: 5/10/1997
 Initial Compl. Date:
 API #: 3002533883
 CHK Property #: 812241
 1st Prod Date:
 PBTD: Original Hole - 10675.0
 TD: 10,900.0



Start Date	String	Wellbore	Stg No.	Fluid	Amount (sacks)	Class	Yield (ft/sack)	Density (lb/gal)	Comment
5/11/1997	Surface, 406.0ftKB	Original Hole			375	C			2% CaCl2
5/19/1997	Intermediate, 4,173.0ftKB	Original Hole		Lead	1,350	C			35% POZ, 65% C w/ 8 pps salt, 1/4 pps CF
5/19/1997	Intermediate, 4,173.0ftKB	Original Hole		Tail	200	C			2% CaCl
6/4/1997	Production, 10,895.0ftKB	Original Hole	2		275	C	1.64		11#/sx bonding agent, 1# salt, .44#/sx FL-ss, .44#/sx FL-25 Cmt cap on CIBP @ 10,510
4/20/2007	Production, 10,895.0ftKB	Original Hole			2				
6/21/1997	Production, 10,895.0ftKB	Original Hole		Lead	150	H			
6/21/1997	Production, 10,895.0ftKB	Original Hole		Tail	50	H			Cmt Sqz from CR @ 10,675' to end of perms @ 10760'.
6/4/1997	Production, 10,895.0ftKB	Original Hole	1		300	C	1.64		11#/sx bonding agent, 1# salt, .44#/sx FL-22, .44#/sx FL-25

XI



CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (505) 397-0397

Receiving Date: 07/27/07
Reporting Date: 07/31/07
Project Owner: NOT GIVEN
Project Name: SU BIG BERTHA #1
Project Location: LOVINGTON, NM

Sampling Date: 07/26/07
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: AB
Analyzed By: HM/KS

LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO ₃ /L)
ANALYSIS DATE:		07/31/07	07/31/07	07/31/07	07/27/07	07/27/07	07/31/07
H12996-3	CITY WELL MW-2 SW OF BIG BERTHA	190	47.9	37.1	3.39	1550	312
H12996-4	CITY WELL SE OF BIG BERTHA	71	93.1	30.7	2.44	1300	152
Quality Control		NR	49.2	50.8	1.99	1410	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	98.4	102	99.5	99.8	NR
Relative Percent Difference		NR	2.7	4.6	5.2	0.7	NR

METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1	
	Cl ⁻ (mg/L)	SO ₄ (mg/L)	CO ₃ (mg/L)	HCO ₃ (mg/L)	pH (s.u.)	TDS (mg/L)

ANALYSIS DATE:	07/27/07	07/27/07	07/31/07	07/31/07	07/27/07	07/27/07	
H12996-3	CITY WELL MW-2 SW OF BIG BERTHA	168	135	0	381	7.11	1009
H12996-4	CITY WELL SE OF BIG BERTHA	148	150	0	185	7.17	893
Quality Control		500	24.4	NR	927	6.93	NR
True Value QC		500	25.0	NR	1000	7.00	NR
% Recovery		100	97.5	NR	92.7	99.1	NR
Relative Percent Difference		2.0	2.9	NR	5.4	< 0.1	NR

METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1
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Hay L. Moore
Chemist

07-31-07
Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. BBC International shall be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

XI



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (505) 397-0397

Receiving Date: 07/27/07
Reporting Date: 07/31/07
Project Owner: NOT GIVEN
Project Name: SU BIG BERTHA #1
Project Location: LOVINGTON, NM

Sampling Date: 07/26/07
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: AB
Analyzed By: HM/KS

LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO ₃ /L)
ANALYSIS DATE:		07/31/07	07/31/07	07/31/07	07/27/07	07/27/07	07/31/07
H12996-1	CAPROCK OFFICE NW OF BIG BERTHA	32	58.5	16.1	1.14	709	104
H12996-2	CAPROCK HOME N OF BIG BERTHA	26	54.6	16.1	1.10	601	120
Quality Control		NR	49.2	50.8	1.99	1410	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	98.4	102	99.5	99.8	NR
Relative Percent Difference		NR	2.7	4.6	5.2	0.7	NR

METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1
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	Cl ⁻ (mg/L)	SO ₄ (mg/L)	CO ₃ (mg/L)	HCO ₃ (mg/L)	pH (s.u.)	TDS (mg/L)	
ANALYSIS DATE:		07/27/07	07/27/07	07/31/07	07/31/07	07/27/07	07/27/07
H12996-1	CAPROCK OFFICE NW OF BIG BERTHA	48	107	0	127	7.49	443
H12996-2	CAPROCK HOME N OF BIG BERTHA	36	86.5	0	146	7.50	358
Quality Control		500	24.4	NR	927	6.93	NR
True Value QC		500	25.0	NR	1000	7.00	NR
% Recovery		100	97.5	NR	92.7	99.1	NR
Relative Percent Difference		2.0	2.9	NR	5.4	< 0.1	NR

METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1
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Hope S. Moreno
Chemist

07-31-07
Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. ~~12996-BBC~~ Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

Inactive Well List

Total Well Count: 1091 Inactive Well Count: 13 Since: 9/4/2006
Printed On: Wednesday, November 28 2007

District	API	Well	ULSTR	OCD Unit	OGRID	Operator	Lease Type	Well Type	Last Production	Formation/Notes	Status	TA Exp Date
1	30-025-35230	BIG KAHUNA #001	J-21-09S-37E	J	147179	CHESAPEAKE OPERATING, INC.	P	O	07/2006	DEVONIAN		
1	30-025-22755	ELLIOTT 16 FEDERAL #002	G-15-22S-37E	G	147179	CHESAPEAKE OPERATING, INC.	F	O	06/2006	GRAYBURG		
2	30-015-25909	ELLIOTT FEDERAL #003	O-30-18S-30E	O	147179	CHESAPEAKE OPERATING, INC.	F	O	10/2002		T	8/7/2007
2	30-015-21233	GOVERNMENT D #002	E-12-21S-27E	E	147179	CHESAPEAKE OPERATING, INC.	F	O	06/1984		T	11/10/2006
1	30-025-36391	HORNET STATE #001	4-3 -19S-34E	D	147179	CHESAPEAKE OPERATING, INC.	S	G	07/2006	Morrow		
1	30-025-32629	LITTLE EDDY UNIT #006	8-5 -21S-32E	H	147179	CHESAPEAKE OPERATING, INC.	F	O	07/1995	HAT MESA (DELAWARE)	T	9/12/2002
2	30-015-28821	LOTOS 11 FEDERAL #002	H-11-24S-31E	H	147179	CHESAPEAKE OPERATING, INC.	F	S	12/2004	BONE SPRING	T	5/24/2007
2	30-015-23696	MALAGA C #001	E-36-23S-28E	E	147179	CHESAPEAKE OPERATING, INC.	S	G	05/2000		T	3/11/2003
2	30-005-60690	MESA STATE COM #001	J-31-15S-28E	J	147179	CHESAPEAKE OPERATING, INC.	S	G	05/2006			
2	30-015-22452	PARDUE FARMS GAS COM #001	G-26-23S-28E	G	147179	CHESAPEAKE OPERATING, INC.	P	G	11/1998			
1	30-025-27096	QUAIL STATE #007	M-11-19S-34E	M	147179	CHESAPEAKE OPERATING, INC.	S	O	09/1990	QUEEN / TA CHART 6-6-02	T	6/11/2007
1	30-025-36730	SMITH FEDERAL #002	1-4 -20S-33E	A	147179	CHESAPEAKE OPERATING, INC.	F	S	12/2005	TA EXPIRES 12-22-05		
1	30-025-36715	TRINITY BURRUS ABO UNIT #024	E-26-12S-38E	E	147179	CHESAPEAKE OPERATING, INC.	P	O	07/2006	Wolfcamp		

WHERE Ogrid:147179, County:All, District:All, Township:All, Range:All, Section:All, Production(months):15, Excludes Wells Under ACOI, Excludes Wells in Approved TA Period

*Rule 40 OK
 as of 12/19/07
 per Gail MacPreston*



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

December 19, 2007

Will Jones, OCD Hearing Examiner
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Hand delivered

Re: Chesapeake Operating, Inc., OGRID 147179
Inactive well list

Dear Mr. Jones,

Charlie Robinson of Chesapeake Operating, Inc. (Chesapeake) has informed me that Chesapeake has a pending application for an injection permit, and he is concerned about Chesapeake's standing under Rule 19.15.1.40 NMAC (Rule 40).

As an operator of over 1000 wells, Chesapeake may have no more than 10 wells on the inactive well list. I have attached a copy of the current inactive well list for Chesapeake, which shows 11 wells.

One of those wells, the Lotos 11 Federal #002, API 30-015-28821, was converted to an injection well in March 2007. I have attached a copy of the federal sundry showing the work that was done on the well. I have also attached a sundry filed with the local Oil Conservation Division district office indicating that the well has been converted to an injection well.

The Lotos 11 Federal #002 still appears on the inactive well list because C-115s showing injection have not yet been filed.

Rule 19.15.1.7.I(4) NMAC defines inactive well as a well "which is not being utilized for beneficial purposes such as production, injection or monitoring and which is not being drilled, completed, repaired or worked over." Because the Lotos 11 Federal #002 was re-completed in March 2007, it was returned to activity at that time. It should be included when considering how many wells Chesapeake has on the inactive list. It appears on the inactive well list only because the computer does not recognize sundries showing drilling, completion, repairs or workovers.

As Rule 40 states, the listing of a well on the inactive well list as a well inactive for more than one year plus ninety days creates a "rebuttable presumption" that the well is out of compliance with Rule 19.15.4.201 NMAC. Chesapeake has rebutted that presumption as to the Lotos 11 Federal #002. I ask that you exclude that well when evaluating Chesapeake's inactive well list for compliance with Rule 40.

Sincerely,

Gail MacQuesten,
OCD Attorney

Cc: Charlie Robinson

Inactive Well List

Total Well Count: 1091 Inactive Well Count: 11 Since: 9/25/2006

Printed On: Wednesday, December 19 2007

District	API	Well	ULSTR	OCD Unit	OGRID	Operator	Lease Type	Well Type	Last Production	Formation/Notes	Status	TA Exp Date
1	30-025-35230	BJG KAHUNA #001	J-21-09S-37E	J	147179	CHESAPEAKE OPERATING, INC.	P	O	07/2006	DEVONIAN		
1	30-025-22755	ELLIOTT 16 FEDERAL #002	G-15-22S-37E	G	147179	CHESAPEAKE OPERATING, INC.	F	O	06/2006	GRAYBURG		
2	30-015-25909	ELLIOTT FEDERAL #003	O-30-18S-30E	O	147179	CHESAPEAKE OPERATING, INC.	F	O	10/2002		T	8/7/2007
2	30-015-21233	GOVERNMENT D #002	E-12-21S-27E	E	147179	CHESAPEAKE OPERATING, INC.	F	O	06/1984		T	11/10/2006
1	30-025-32629	LITTLE EDDY UNIT #006	8-5 -21S-32E	H	147179	CHESAPEAKE OPERATING, INC.	F	O	07/1995	HAT MESA (DELAWARE)	T	9/12/2002
2	30-015-28821	LOTOS 11 FEDERAL #002	H-11-24S-31E	H	147179	CHESAPEAKE OPERATING, INC.	F	S	12/2004	BONE SPRING		
2	30-015-23696	MALAGA C #001	E-36-23S-28E	E	147179	CHESAPEAKE OPERATING, INC.	S	G	05/2000		T	3/11/2003
2	30-005-60690	MESA STATE COM #001	J-31-15S-28E	J	147179	CHESAPEAKE OPERATING, INC.	S	G	05/2006			
2	30-015-22452	PARDUE FARMS GAS COM #001	G-26-23S-28E	G	147179	CHESAPEAKE OPERATING, INC.	P	G	.11/1998			
1	30-025-27096	QUAIL STATE #007	M-11-19S-34E	M	147179	CHESAPEAKE OPERATING, INC.	S	O	09/1990	QUEEN / TA CHART 6-6-02	T	6/11/2007
1	30-025-23776	STATE M #001	O-18-17S-36E	O	147179	CHESAPEAKE OPERATING, INC.	S	S	08/2006	ABO REEF		

WHERE Ogrid:147179, County:All, District:All, Township:All, Range:All, Section:All, Production(months):15, Excludes Wells Under ACOI, Excludes Wells in Approved TA Period

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

Month - Year
MAR 19 2007
OCD - ARTESIA, NM

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM-064504

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

Oil Well Gas Well Other SALTWATER DISPOSAL

8. Well Name and No.
LOTOS 11 FEDERAL 2

2. Name of Operator
CHESAPEAKE OPERATING, INC.

ATTN: LINDA GOOD

9. API Well No.
30-015-28821

3a. Address
P. O. BOX 18496
OKLAHOMA CITY, OK 73154-0496

3b. Phone No. (include area code)
405-767-4275

10. Field and Pool or Exploratory Area
INGLE WELLS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1780' FNL & 660' FEL, SECTION 11, T24S, R31E

11. Country or Parish, State
EDDY COUNTY, NEW MEXICO

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Perf & Acid Cherry Canyon</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

2/25/2007 Converting to SWD.

2/27/2007 Test csg to 800#, OK, POOH w/ tbg and bit, RIH to 6,815' WLM, pull log to 3,100', found TOC @ 3,350', POOH, PU 3 3/8" perforating gun, perforate Cherry Canyon 5,420' - 5,440', 5,480' - 5,510', 5,522' - 5,542', 5,586' - 5,600', 5,622' - 5,632' @ 2 jspf in 5 runs, 193 total shots, RD Gray WL, PU pkr, RIH w/ tbg to 5,350', set pkr, SIW.

2/28/2007 RU Cudd Pumping Service, acidize Cherry Canyon w/5,000 gals 15% HCL, RU Gray WL, PU 5 1/2" CBP, RIH to 5,360', set CBP, test CBP to 1000#, OK, PU 3 3/8" perforating gun, RIH, perforate Bell Canyon 4,570' - 4,590', 4,848' - 4,868', 5,020' - 5,050', 5,110' - 5,130', 5,240' - 5,260' @ 2 jspf in 6 runs, total 225 shots, RD Gray WL, PU pkr, RIH w/ tbg to 4,508', set pkr, SIW.

3/01/2007 RU Cudd Pumping Ser. acidize Bell Canyon perms (4570' - 5260') w/5000 gal 15% NeFe HCL.

3/02/2007 Cont. TOH w/tbg & pkr. PU 4 3/4" bit & 6 - 3 1/2" D. collars TIH w/tbg to 5360' RU rev. unit drill out CBP, push CBP to 6793'. TOH laying down 2 7/8" workstring (Comp) CWI.

3/05/2007 Clean Location, RDMO.

Accepted for record
NMOC D

(CHK PN 890471)

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)
LINDA GOOD

MAR 20 2007

Title FEDERAL REGULATORY ANALYST

Signature

Linda Good

Date 03/08/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

Date

MAR 14 2007

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

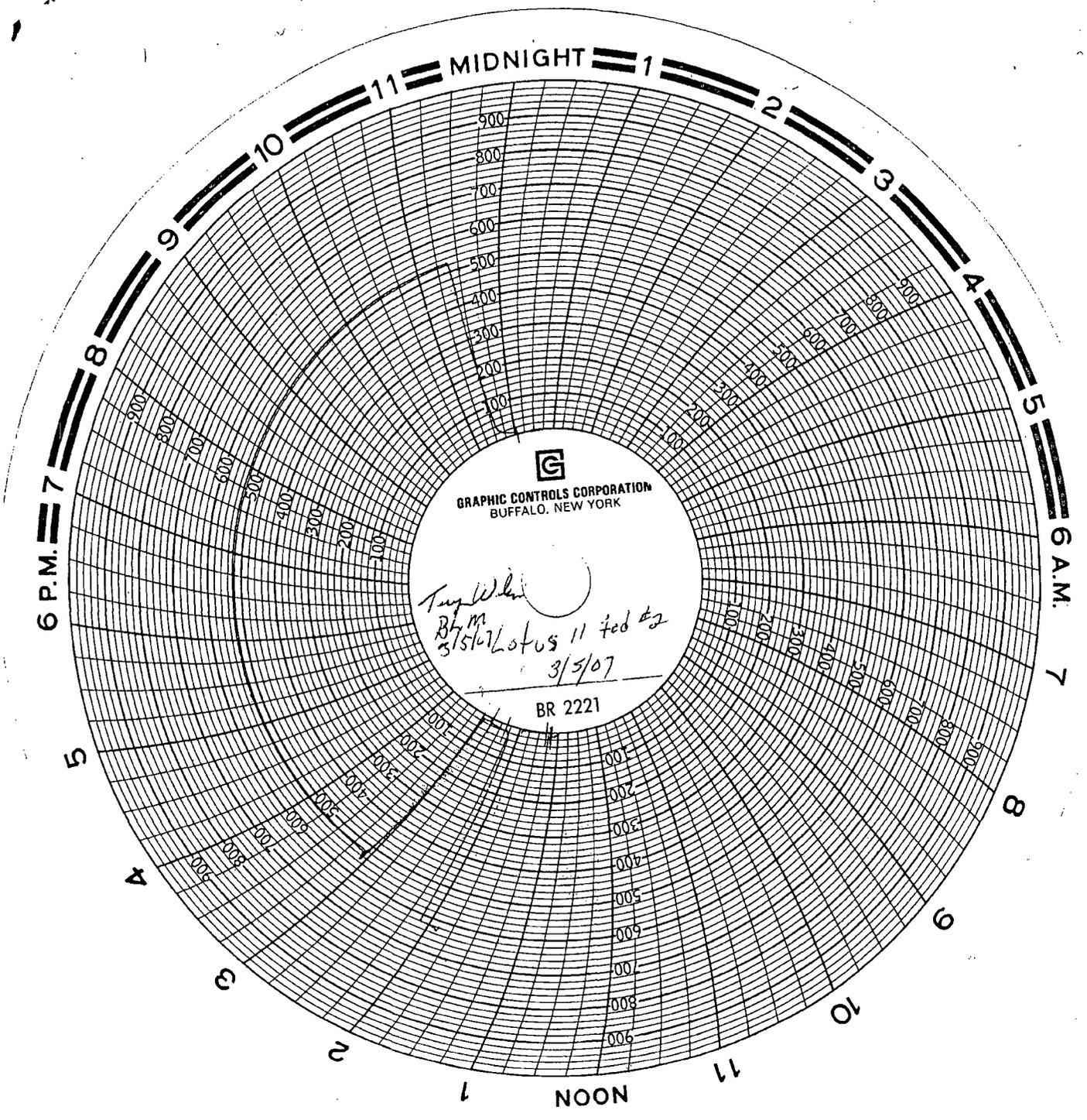
Wesley Ingram

WESLEY M. INGRAM

PETROLEUM ENGINEER

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.

(Instructions on page 2)




GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

Tony White
Bl. m.
3/5/07 Lotus 11 fed to

BR 2221

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W Grand Ave., 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 and Natural Resources

Form C-103
 May 27, 2004

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505



WELL API NO.	30-015-28821
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Lotos 11 Federal	
8. Well Number	2 SWD
9. OGRID Number	147179
10. Pool name or Wildcat Ingle Wells	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3518 GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
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 _____	

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.)

1. Type of Well: Oil Well Gas Well Other SWD

2. Name of Operator
Chesapeake Operating Inc. **DEC 07 2007**

3. Address of Operator 2010 Rankin Hwy **OCD-ARTESIA**
Midland, TX 79701

4. Well Location
Unit Letter H : 1780 feet from the NORTH line and 660 feet from the EAST line
Section 11 Township 24S Range 31E NMPM County EDDY

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: STATUS CHANGE FROM TA <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.

Chesapeake has received approval to convert this well to SWD. Please change status from TA to active SWD.

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 NMOCD guidelines , a general permit or an (attached) alternative OCD-approved plan .

SIGNATURE *Shay Stricklin* TITLE Regulatory Tech. DATE 12/06/2007

Type or print name Shay Stricklin E-mail address: sstricklin@chkenergy.com Telephone No. (432)687-2992

For State Use Only

APPROVED BY: *Gerry Guye* TITLE Gerry Guye Compliance Officer DATE DEC 10 2007

Conditions of Approval (if any): _____

AFFIDAVIT OF PUBLICATION

XIII

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period.

of _____
_____ weeks.

Beginning with the issue dated
August 2 2007
and ending with the issue dated
August 2 2007

Kathi Bearden

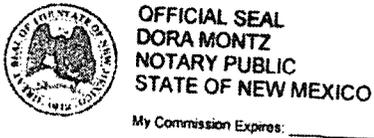
Publisher
Sworn and subscribed to before

me this 1st day of

August 2007
[Signature]

Notary Public.

My Commission expires
February 07, 2009
(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICE
August 2, 2007

Chesapeake Operating, Inc. intends to convert the following well to a salt water disposal well: Big Bertha #1, 2081 FNL 1870 FWL, Sec. 11, T16S, R36E, Lea County, New Mexico. The formation to be injected into is the Wolfcamp at the following intervals: 9830' - 10118'. The maximum expected injection rate is 2000 BWPD at a maximum injection pressure of 2000 psi. Questions or objections can be addressed to Chesapeake Operating, Inc., 6224 N Western Ave, Oklahoma City, OK 73118, or call Jeff Finnell @ 405 767-4347 ext 4347. Objections or requests for hearing must be filed within 15 days of this notice to the Oil Conservation Division, 1220 S. St Francis Dr., Santa Fe, NM 87505 #23435

01104307000 02595264
CHESAPEAKE OPERATING, INC.
P.O. BOX 18128
OKLAHOMA CITY, OK 73154-0128

XIII

Advertising Receipt

Hobbs Daily News-Sun
201 N Thorp
P O Box 850
Hobbs, NM 88241-0850
Phone: (505) 393-2123
Fax: (505) 397-0610

CATHY CURTIS
CHESAPEAKE OPERATING, INC.
LEGALS
P.O. BOX 18128
OKLAHOMA CITY, OK 73154-0128

Cust#: 01104307-000
Ad#: 02595264
Phone: (405)848-8000
Date: 08/01/07

Ad taker: C2 Salesperson: 02 Classification: 671

Description	Start	Stop	Ins.	Cost/Day	Surcharges	Total
07 07 Daily News-Sun	08/02/07	08/02/07	1	20.74		20.75
Bold						1.00
Affidavit for legals						3.00

Payment Reference:

LEGAL NOTICE
August 2, 2007

Chesapeake Operating, Inc. intends to convert the following well to a salt water disposal well: Big Bertha #1, 2081 FNL 1870 FWL, Sec. 11, T16S, R36E, Lea County, New Mexico. The formation to be injected into is the Wolfcamp at the following intervals: 9830' - 10118'. The maximum expected injection rate is 2000 BWPD at a maximum injection pressure of 2000 psi. Questions or objections can be addressed to Chesapeake Operating, Inc., 6224 N Western Ave, Oklahoma City, OK 73118, or call Jeff Finnell @ 405 767-4347 ext 4347. Objections or requests for hearing must be filed within 15 days of this notice to the Oil Conservation Division, 1220 S. St Francis Dr., Santa Fe, NM 87505
#23435

Total:	□ 24.75
Tax:	1.66
Net:	26.41
Prepaid:	0.00
Total Due	26.41



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Address Information

Ship To: CAPROCK PIPELINE & SUPPLY, INC. 5053965881 1200 E AVE D LOVINGTON NM 88260	Shipper: CLEBURNECHK SHARON BERKLEY 8175565825 421 MARTI DRIVE CLEBURNE TX 76033
--	--

Shipment Information

Service: UPS Next Day Air

Fuel Surcharge:

Package Information

Package 1 of 1
Tracking Number: 1ZV889E50198472100
Package Type: UPS Letter
Actual Weight: Letter
Billable Weight: Letter

Billing Information

Bill Shipping Charges to: Shipper's Account V889E5

All Shipping Charges in USD

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Tracking Number: 1Z V88 9E5 01 9847 210 0
[View package progress](#)

Type: Package

Status: **Delivered**

Delivered On: 12/26/2007
3:22 P.M.

Delivered To: LOVINGTON, NM, US

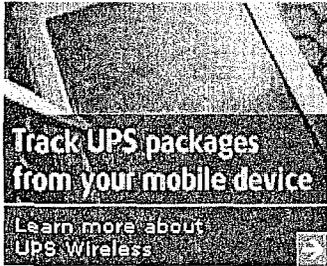
Signed By: SOOTER

Service: NEXT DAY AIR

Tracking results provided by UPS: 01/11/2008 3:59 P.M. ET

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[Go to Tracking FAQ](#)

Jones, William V., EMNRD

From: Charlie Robinson [CRobinson4@chkenergy.com]
Sent: Friday, November 30, 2007 8:50 AM
To: Jones, William V., EMNRD
Cc: Ezeanyim, Richard, EMNRD; Brooks, David K., EMNRD
Subject: RE: SWD Application from Chesapeake: SV Big Bertha #1 30-025-33883 Upper Wolfcamp
Attachments: Big Bertha 1-11.pdf

William,

Our Land group is looking into your first two questions and I will get the answer to you as soon as we have it. With regard to the 3rd question, here is an updated schematic that indicates the DV tool depth as well as the cement tops, which are from the CBL. Let me know if you have any other questions. Thanks.

Charlie

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]
Sent: Wednesday, November 28, 2007 4:55 PM
To: Charlie Robinson
Cc: Ezeanyim, Richard, EMNRD; Brooks, David K., EMNRD
Subject: SWD Application from Chesapeake: SV Big Bertha #1 30-025-33883 Upper Wolfcamp

Hello Charlie or Elizabeth Bohanon:

After reviewing this application we have the following questions:

- 1) Please let us know who the surface owner is of the well site and send proof of notice to that surface owner.
- 2) Does Chesapeake have the entire Wolfcamp leased throughout Section 11? Units B, C, and D of Section 11 are not colored yellow on the AOR map and there are no active wells in those Units. If Chesapeake does not have that acreage leased, then it must provide a list of all Wolfcamp mineral interest owners and provide proof each owner was notified of this application. Sometimes this involves many individuals and lots of letters to send out.
 The injection well notice rule has been re-written with more detail: see Rule 701B(2)
- 3) Your application did not supply the DV tool setting depth on the 5-1/2 inch casing. From the Division well files it appears the DV was set at 7050 feet and 300 sacks of cement pumped from 10900 feet to 7050 feet. Please calculate the cement top below the DV tool and a new wellbore diagram showing this top.

Thank You,

William V. Jones PE
 New Mexico Oil Conservation Division
 1220 South St. Francis
 Santa Fe, NM 87305
 505-476-3448

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11/30/2007

Jones, William V., EMNRD

From: Brenda Coffman [brenda.coffman@chk.com]
Sent: Friday, January 11, 2008 2:12 PM
To: Jones, William V., EMNRD
Cc: Charlie Robinson; Lynda Townsend
Subject: FW: UPS CONFIRMATION

Attachments: 20080111150634303.pdf



2008011115063430
3.pdf (305 KB)...

Will, per our phone conversation and in reference to the Big Berthal-11 application for SWD, attached is our UPS confirmation to the surface owner. Please, note that Caprock Pipeline & Supply, Inc. received a copy of the application on 12/26/07. Chesapeake is the only operator within the 1/2 mile radius of the Big Bertha 1-11 well. There are no unleased fee owners with in the 1/2 mile radius. Please, let me know if you need anything further.

Your consideration and approval of our application is appreciated.

Thank you,
Brenda Coffman
Sr. Regulatory Compliance Specialist
Chesapeake Operating, Inc.
Phone: (817) 556-5825, ext. 2805
Fax: (817) 645-1821
Email: bcoffman@chkenergy.com

-----Original Message-----

From: noreply@chkenergy.com [mailto:noreply@chkenergy.com]
Sent: Friday, January 11, 2008 2:07 PM
To: Brenda Coffman
Subject: UPS CONFIRMATION

This E-mail was sent from "1CLETX-1-RI01" (Aficio 2238C).

Scan Date: 11.01.2008 15:06:34 (-0500)
Queries to: noreply@chkenergy.com

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This inbound email has been scanned by the MessageLabs Email Security System.

Jones, William V., EMNRD

From: Charlie Robinson [charlie.robinson@chk.com]
Sent: Friday, January 11, 2008 3:34 PM
To: Jones, William V., EMNRD
Subject: Fw: Big Bertha notice list
Attachments: REPORT_NotificationInformation_BigBerthaSWD.pdf

Her is the info for the surface owners and mineral owners.

Charlie

----- Original Message -----

From: Lynda Townsend
To: Charlie Robinson
Cc: Brenda Coffman
Sent: Fri Jan 11 10:56:09 2008
Subject: FW: Big Bertha notice list

Charlie - here it is - was forwarded 12-20-07.

Thank you,

Lynda F. Townsend
Chesapeake Energy Corporation
Building 6, Office 435
Senior Landman-Permian Basin
405-879-9414
405-879-1450 (fax)
ltownsend@chkenergy.com

From: Bill Chalfant [mailto:bill@chalfantproperties.com]
Sent: Thursday, December 20, 2007 8:05 AM
To: Lynda Townsend
Subject: Big Bertha notice list

Here is the final report for the Big Bertha notification list.

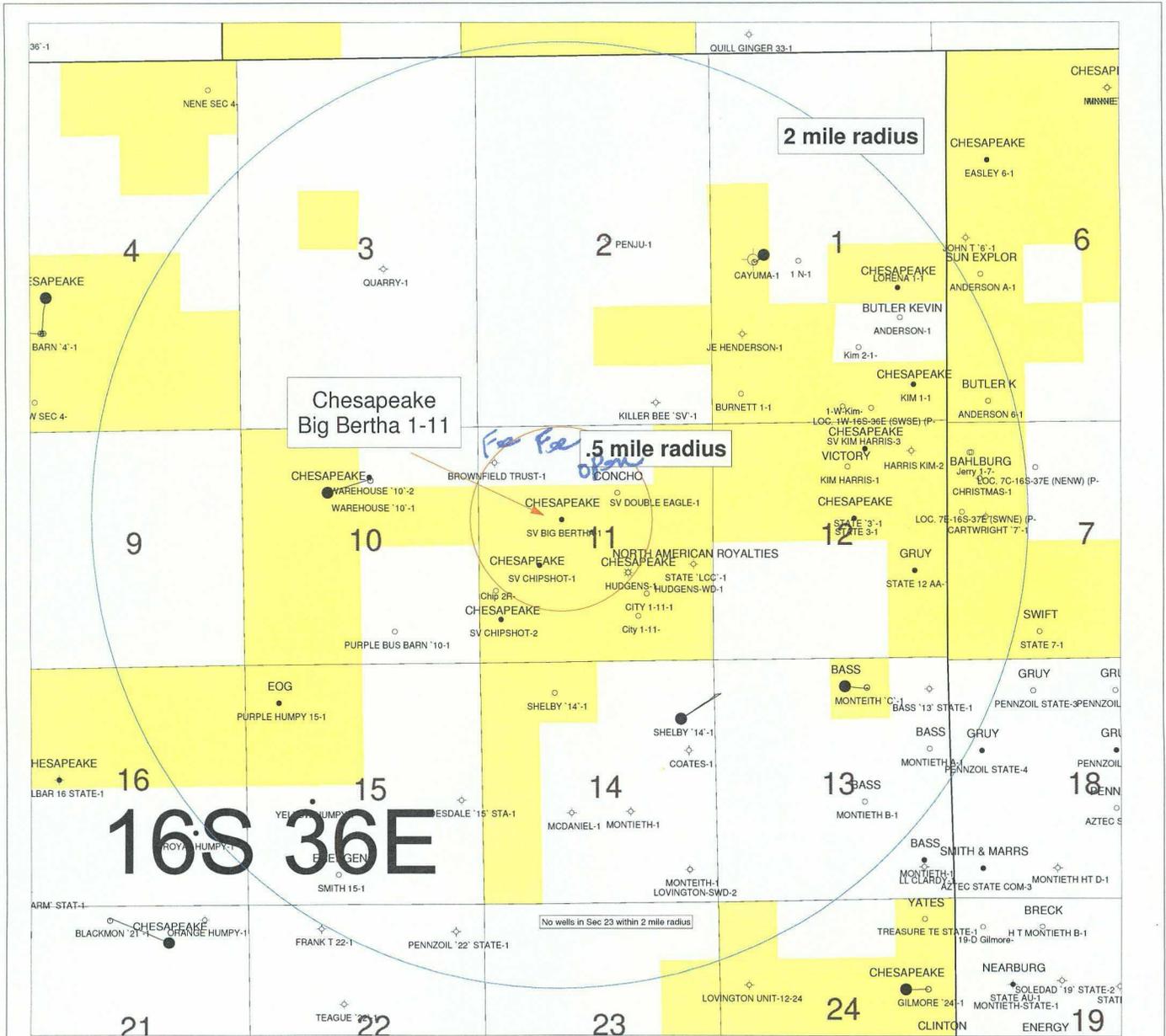
William A. Chalfant
CHALFANT PROPERTIES, INC.
P. O. Box 3123
Midland, Texas 79702
432/684-9819

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1/11/2008

V



Chesapeake
Big Bertha 1-11

2 mile radius

5 mile radius

16S 36E

No wells in Sec 23 within 2 mile radius



	CHESAPEAKE OPERATING, INC.
Permian North District Big Bertha 1-11 Lea County, NM	
Date: 22 June, 2007	Geologist:

VI. Tabulation of Data on all wells within the area of review

1. Hudgens 1
Sec 11, T-16S-R36E
API 30-025-29712

Drilled: 11/19/97
Completed: 2/5/97

Casing Record:

Surface – 13-3/8", 48# set at 428'. Cement with 375 sx, circ to surf.
Intermediate – 8-5/8", 24 & 34# set at 4,451'. Cement with 1,675 sx, circ to surf.
Production – 5-1/2", 17 & 20# set at 11,944'. Cement with 1,775 sx

Completion Record:

10,607' – 10,644' – 5,500 gals 20% HCl acid
9,754' – 9,848' – 4,400 gals 20% NEFE acid

Currently an SWD well, but will be replaced by the Big Bertha 1-11.

2. SV Chipshot 1
Sec 11, T-16S-R36E
API 30-025-33466

Drilled: 6/8/96
Completed: 8/10/96

Casing Record:

Surface – 13-3/8", 48# set at 414'. Cement with 350 sx, circ to surf.
Intermediate – 8-5/8", 32# set at 4,352'. Cement with 1,800 sx, circ to surf.
Production – 5-1/2", 17 & 20# set at 11,954'. Cement with 1,330 sx

Completion Record:

11,528' – 11,544' – 2,250 gals 15% NEFE acid

Currently producing.

3. Brownfield Trust 1
Sec 11, T-16S-R36E
API 30-025-31579

Drilled: 5/24/92
Completed: 6/25/92

Casing Record:

Surface – 13-3/8", 54.5# set at 402'. Cement with 375 sx, circ to surf.
Intermediate – 8-5/8", 28# set at 4,342'. Cement with 1,750 sx, circ to surf.
Did not set production pipe – P&A'd

100' plugs set at:
10,650' – 10,750'
8,471' – 8,571'

6,458' – 6,558'
4,292' – 4,392'
1,650' – 1,750'
10 sx plug at surface.

See attached schematic for more detail.

4. SV Double Eagle 1
Sec 11, T-16S-R36E
API 30-025-33636

Drilled: 10/30/96
Completed: 1/14/97

Casing Record:

Surface – 13-3/8", 48# set at 405'. Cement with 350 sx, circ to surf.
Intermediate – 8-5/8", 32# set at 4,346'. Cement with 1,700 sx, circ to surf.
Production – 5-1/2", 17 & 18# set at 12,000'. Cement with 640 sx

Completion Record:

11,535' – 11,627' – 3000 gals 20% NEFE acid – abandoned below plug at
11,500'
10,720' – 10,734' – squeezed with 100 sx cmt
10,586' – 10,613' – 100 gals 20% NEFE acid

100' plugs set at:

10,400' – 10,500'
7,000' – 7,100'
4,296' – 4,396'
1,800' – 1,900'
355' – 455'
10 sx plug at surface.

See attached schematic for more detail.



Current Wellbore Schematic

DOUBLE EAGLE 1

Field: NE LOVINGTON - PENNSYLVANIAN
 County: LEA
 State: NEW MEXICO
 Elevation: GL 3,886.00 KB 3,904.00
 KB Height: 18.00

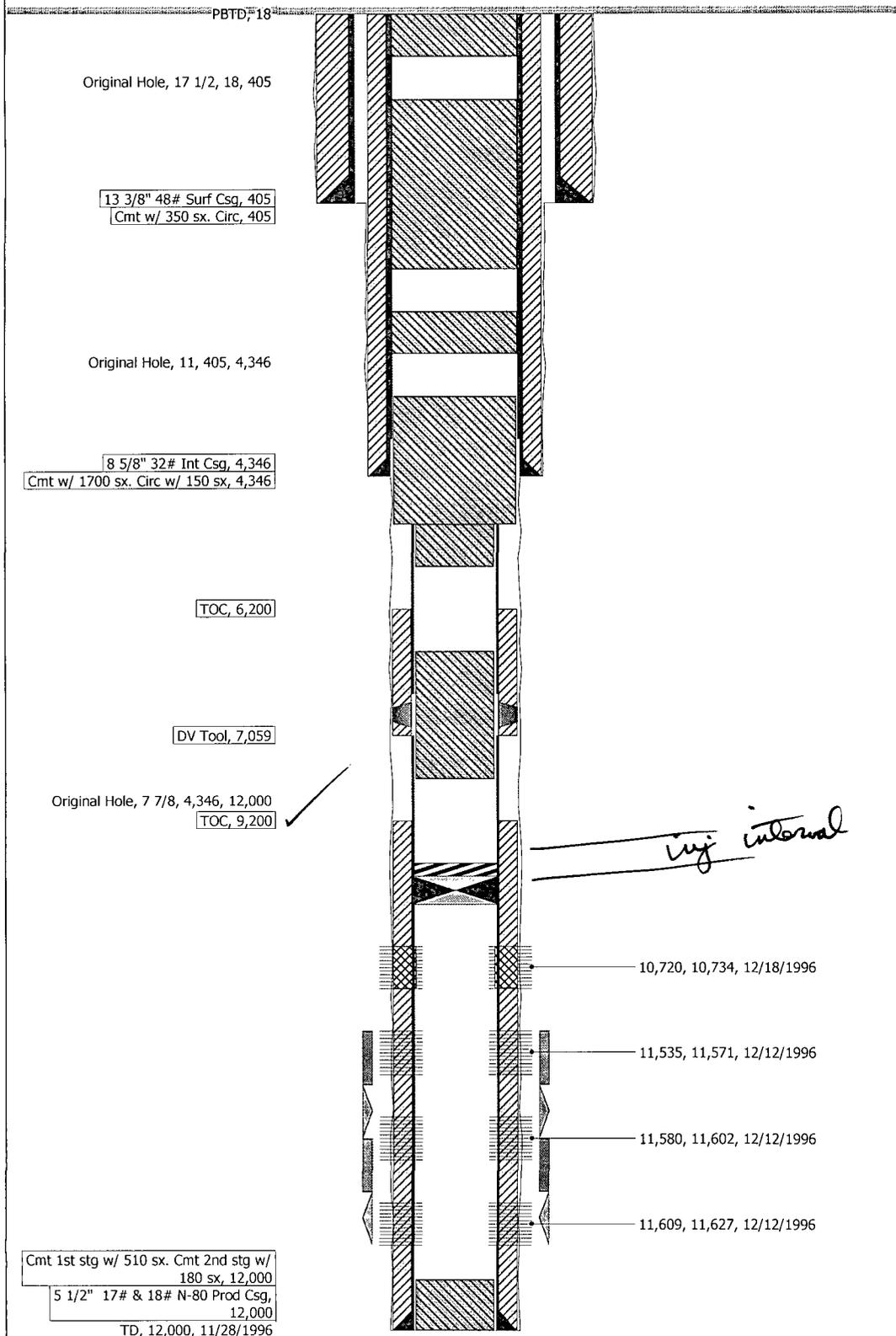
Spud Date: 10/30/1996
 Initial Compl. Date:
 API #: 3002533636
 CHK Property #: 890912
 1st Prod Date:
 PBTD: Original Hole - 18.0
 TD: 12,000.0

Location: SEC 11, 16S-36E, 1500 FNL & 2148 FEL

Well Config: - Original Hole, 10/23/2007 7:48:05 AM
 Schematic - Actual

Well History

Date	Event
12/12/1996	PERF Strawn @ 11535'-71', 11580'-602' & 11609'-627' w/ 1 jspf.
12/14/1996	ACDZ w/ 3000 gal 20% NeFe.
12/18/1996	PERF Lwr Wolfcamp @ 10720'-734'.
12/21/1996	SQZ perms @ 10720'-734' w/ 100 sx.
12/24/1996	PERF Upper Wolfcamp @ 10600'-613' & 10586'-90'.
3/10/2004	Tag CIBP @ 10276'. Spotted 25 sx cmt cap. Spot 25 sx cmt plug @ 7105'-6865'.
3/12/2004	Found free point & cut csg @ 4406'. POOH w/ 5 1/2" csg.
3/17/2004	Set 40 sx cmt plug @ 4455'. Tag plug @ 4282'. Set 35 sx cmt plug @ 1900'. Set 35 sx cmt plug @ 455'. Tag plug @ 318'. Set 200 sx cmt plug to surf. Well P&A'd.





Current Wellbore Schematic backup

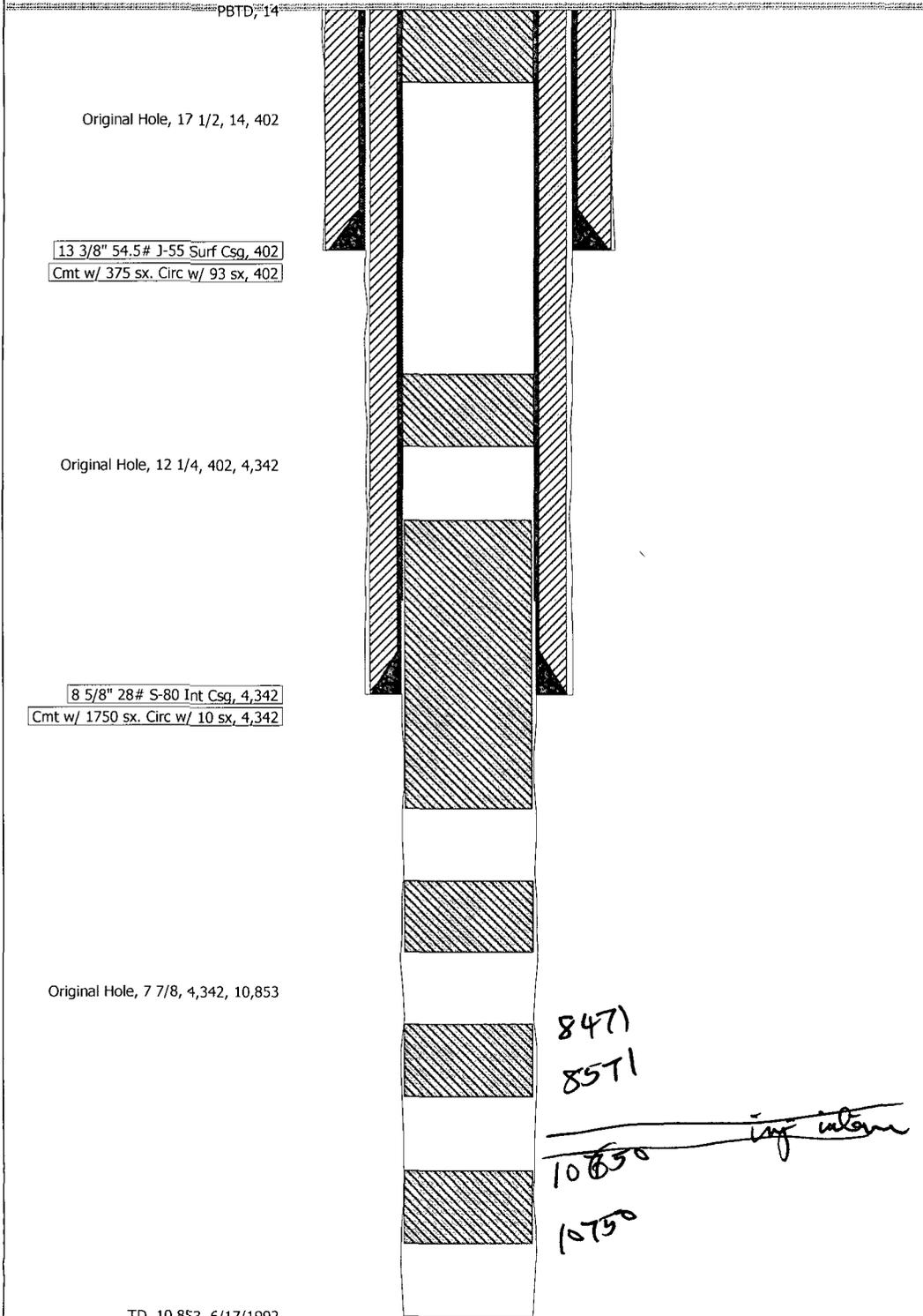
BROWNFIELD TRUST 1

Field: WILDCAT
 County: LEA
 State: NEW MEXICO
 Location: SEC 11-16S-36E, 795 FNL & 330 FWL
 Elevation: GL 3,899.00 KB 3,913.00
 KB Height: 14.00

Spud Date:
 API #: 3002531579
 CHK Property #:
 1st Prod Date:
 PBTD: Original Hole - 14.0
 TD: 10,853.0

Well Config: - Original Hole: 10/23/2007 7:46:49 AM
 Schematic - Actual

Date: 6/20/1992
 Event: Set 5 plugs w/ 35 sx cmt each @ 10650'-750', 8471'-571', 6458'-558', 4300'-392', 1650'-1750', & 10 sx cmt plug. Well P&A'd.



TD, 10,853, 6/17/1992

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
Properties
1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

432/684-9819 phone
432/682-2601 fax

COUNTY Lea
STATE New Mexico
AREA Big Bertha SWD
DATE 12/18/2007

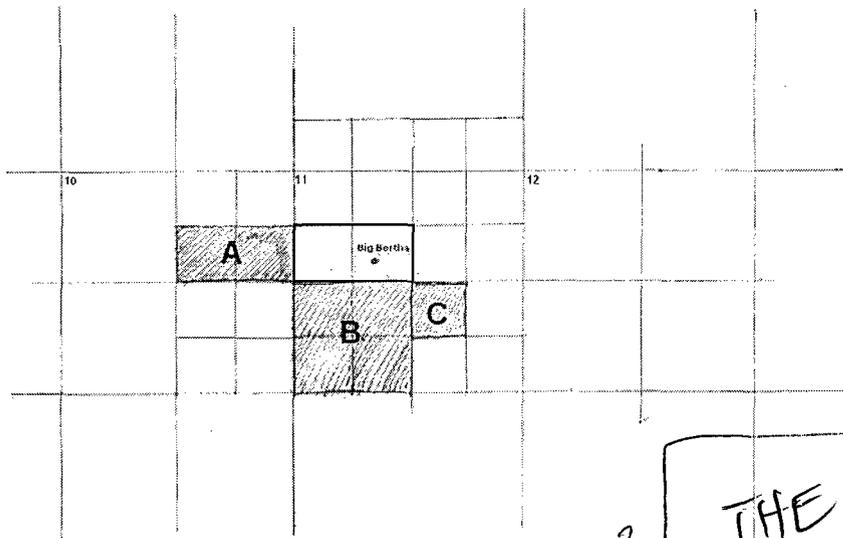
BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

MAP: Operated Tracts

Big Bertha SWD Application
Section 2,10&11, T16S-R36E, Lea County, NM

"Operated Tracts" within 1/2 mile radius of wellsite.

2



$S/2 N w/4 S sec 11 = ?$
B, A = OK

THE
HUB Gen # 1 (WITH SWD-67HA)
was injecting
for years into the
UPPER WC FROM 9754'-10,644'
(Same interval as proposed)
here $\approx 1/4$ mile AWAY

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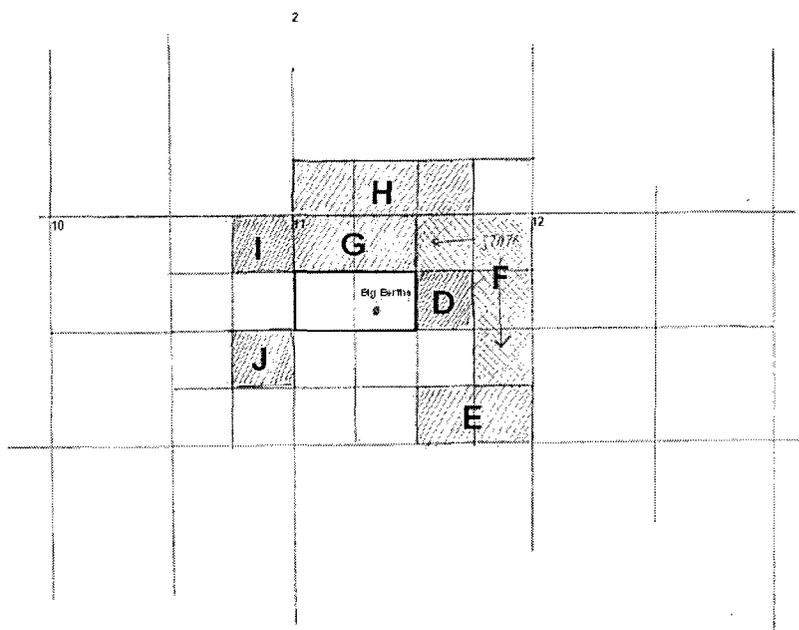
COUNTY Lea
STATE New Mexico
AREA Big Bertha SWD
DATE 12/18/2007

BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

MAP: Non-Operated Tracts

Big Bertha SWD Application
Section 2,10&11, T16S-R36E, Lea County, NM

"Non-operated Tracts" within 1/2 mile radius of wellsite.



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1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

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AREA Big Bertha SWD
DATE 12/18/2007

BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

NOTE: This study presents the notification information required for the Injection Application for Chesapeake's Big Bertha SWD Project by OCD Rule 701(B)2, below.

The applicant shall furnish, by certified or registered mail, a copy of the application to each owner of the surface of the land on which each injection or disposal well is to be located and to each leasehold operator or other "affected person" within any tract wholly or partially contained within one-half mile of the well. Affected person shall mean the (a) division designated operator; (b) in the absence of an operator, any lessee whose interest is evidenced by a written conveyance document either of record or known to the applicant as of the date he files the application; and (c) in the absence of an operator or lessee, any mineral interest owner whose interest is evidenced by a written conveyance document either of record or known to the applicant as of the date he filed the application.

See maps on pp. 28-29 for reference. Please note that many Lessees and Mineral Owners of record appear in multiple tracts below.

SWD WELLSITE SURFACE OWNER:

S/2NW/4 of Section 11, T16S-R36E

Caprock Pipe & Supply, L.P.
PO Box 1535
Lovington, NM 88260

OPERATED TRACTS:

Wellsite: S/2NW/4 of Section 11, T16S-R36E

Chesapeake Operating, Inc.
Note: ONGARD lists Chesapeake as operator for the *S/2NW/4 of Section 11, T16S-R36E*, originally producing from the Wolfcamp Formation, allotted 80 acres, and holding all of the S/2NW/4. As production appears to have ceased, the following active Lessees and Mineral Owners in the S/2NW/4 should be notified.

Lessees of Record:

Chesapeake Exploration, LP

James R. Leeton
P.O.Box 10561
Midland, TX 79702

Mineral Interest Owners of Record:

ROY G. BARTON, JR., TRUSTEE OF THE
ROY G. BARTON, SR. & OPAL BARTON
REVOCABLE TRUST
P. O. Box 978
Hobbs, NM 88241

ROBERT P. BYRON & JEANINE H. BYRON,
TRUSTEES OF REVOCABLE TRUST dated
6/18/2003
P. O. Box 1552
Roswell, NM 88202

HAZEL BERRY, TRUSTEE OF HAZEL BERRY
TRUST
P. O. Box 1075
Lovington, NM 88260
SS#: 525-62-0926

ROBERT WEIGL & MARY WEIGL,
TRUSTEES OF THE WEIGL FAMILY LIVING
TRUST, dtd 9/25/1997
4018 S. Roosevelt Rd. 29
Elida, NM 88116
Mary's SS#: 585-09-5355

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
Properties
1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

432/684-9819 phone
432/682-2601 fax

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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Wellsite: S/2NW/4 of Section 11, T16S-R36E

WILLIE RUTH TATUM, ssp
3415 56th St.
Lubbock, TX 79417

CARLTON JAMES CARMICHAEL, JR., ssp
9510 Signal Ave, NE
Albuquerque, NM 87122

EVELYN ELAINE HORNER, widow
2406 N. Haldeman Rd.
Artesia, NM 88210

ILA NETTESHEIM, ssp
1501 Mann Ave.
Artesia, NM 88210
Upon Death Deed To:
BRIAN HALLER
2172 Gazelle Rd.
Rio Rancho, NM 87124

MARY ANN GATHINGS, widow
704 Marguerite St.
Carrizozo Springs, TX 78834
SS# 035-20-6847

FLO SCOTT BROWN, mssp
8610 Miami Ave.
Lubbock, TX 79423

PURVIS OIL CORP.
P. O. Box 11006
Midland, TX 79702

MARY TERESA CHRISTMAS, Individually and
as a Remainderman of B. A. Christmas, Jr.
P. O. Box 201209
Arlington, TX 76009

CANDY CHRISTMAS, Individually and as a
Remainderman of B. A. Christmas, Jr.
P. O. Box 771272
Ocala, FL 34477-1272

BRADFORD CHRISTMAS, Individually and as a
Remainderman of B. A. Christmas, Jr.,
P. O. Box 173
Wagon Mound, NM 87752

HELEN JANE CHRISTMAS BARBY, ssp,
Individually and as a Remainderman of B. A.
Christmas, Jr. & HELEN JANE CHRISTMAS
BARBY TRUST
P. O. Box 1501
Montrose, CO 81402

B. A. CHRISTMAS, JR., & CHRISTMAS
RANCHES, INC.
HCR 62, Box 52
Raton, NM 87740

GEODYNE NOMINEE CORPORATION
(SAMSON RESOURCES)
2 West 2nd St.
Tulsa, OK 74103-3104

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
Properties
1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Wellsite: S/2NW/4 of Section 11, T16S-R36E

RIVER OAKS TRUST CO., Co-Trustee of The
Louise S. Longcope Trust #0320-1
P. O. Box 4886
Houston, TX 77210-4886

JOYCE ANN BROWN, ssp
P. O. Box 72
Watrous, NM 87753

CARL A. SCHELLINGER, ET UX GLORIA
P. O. Box 447
Roswell, NM 88202-0447

ELOVA MOAD MILLER, mssp
aka Elva Moad
10870 W. 68th Pl.
Arvada, CO 80004-2751
SS#: 462-52-0576

MADLYN DOTSON LANSFORD, sgl
fka Madlyn Dotson Bailey
209 N. 1st St.
Uvalde, TX 78801

HARRY H. JUNG, et ux
VIRGINIA M.
P. O. Box 93063
Lubbock, TX 79493
Harry's SS#: 458-38-2248

GEORGE B. DOTSON, mssp
134 Cotton Dr.
Lake Jackson, TX 77566
SS#: 454-78-2932

ROBERT CUNNINGHAM, et ux
ELIZABETH T.
4909 Elm
Belaire, TX 77401

FRANCES NORMILE, fka Francis Wilkins
Cunningham, dssp
#2 Tudor Glen Place
The Woodlands, TX 77382

ALTON C. WHITE, JR.
3112 Above Stratford Pl.
Austin, TX 78746

CHARLES S. LONGCOPE aka
Charles Septimus Longcope
7157 Joyce Way
Dallas, TX 75225-1730

EDMUND LONGCOPE aka
Edmund McLeod Longcope
400 W. Hopkins, Ste. 101
San Marcos, TX 78666

KAY LONGCOPE, aka
Vivianne Kay Longcope
1312 Travis Heights Blvd.
Austin, TX

E. M. MYERS, INC., a NM Corporation
822 S. Main St.
Lovington, NM 88260

CHALFANT PROPERTIES, INC.
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1502 North Big Spring
P.O. Box 3123
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432/682-2601 fax

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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Wellsite: S/2NW/4 of Section 11, T16S-R36E

NOVA JEAN MARLEY, ssp
211 S. Farmer St.
Crosbyton, TX 79322

Tract A: S/2NE/4 of Section 10, T16S-R36E

Chesapeake Operating, Inc.
Note: *Warehouse 10 #2* well producing from
Strawn formation, TD 12,105', holds 80 acres.
OGLs covering S/2NE/4 are HBP and hold from
surface down to 100' below 12,105'.

Tract B: SW/4 of Section 11, T16S-R36E

Chesapeake Operating, Inc.
Note: *S/1 Chipshot #1 & #2* wells producing
from the Wolfcamp Formation hold 80 acres each
for 160 acres total in SW/4. OGLs covering
SW/4 are HBP as to the Wolfcamp.

Tract C: NW/4SE/4 of Section 11, T16S-R36E

Chesapeake Operating, Inc.
Note: *Hudgens #1 SWD* well is currently in use
as a SWD well injecting into the Wolfcamp
Formation, covering Unit J, or the NW/4SE/4. As
this well is SWD only, *the following Mineral
Owners and Lessees of record should be
contacted as well.*

Lessees of Record:

William B. Barnhill
P.O.Box 700968
San Antonio, TX 78270-0968

Bear Energy, Inc.
P.O. Box 8221
Roswell, NM 88202-8221

Charles E. Brown
P.O.Box 609
Crystal City, TX 78839

C. Michael Brown
109 North Wind Loop
Roswell, NM 88201

Royce G. Cook, Sr.
224 East Zavala
Crystal City, TX 78839

Crabtree Oil & Gas Company
Three Lincoln Center
5430 LBJ Freeway, Suite 1700
Dallas, TX 75240

Jasha Culteri
601 N. Marienfield
Suite 500
Midland, TX 79701

Angela Naranjo
1801 West Second Street
Roswell, NM 88201

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
Properties
1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

432/684-9819 phone
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STATE New Mexico
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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract C: NW/4SE/4 of Section 11, T16S-R36E

Featherstone Development Corporation
1801 West Second Street
Roswell, NM 88201

Olen E. Featherstone, II
1801 West Second Street
Roswell, NM 88201

Daniel E. Gonzales
P.O.Box 2475
Santa Fe, NM 87504-2475

James E. Guy
P.O.Box 100
Artesia, NM 88211

J.T.Jackson & Associates
2302 Sierra Vista
Artesia, NM 88210

Minerva Oil Company
P.O.Box 52858
Tulsa, OK 74152-2825

Mizel Resources, A Trust
5801 E. 41st, Suite 104
Tulsa, OK 74135

O'Neill Properties, Ltd.
P.O.Box 2840
Midland, TX 79702

Clay Paulos
#4 Isla Court
Roswell, NM 88201

Spartan Resources, LLC
Lake Point Towers
4013 NW Expressway, Suite 690
Oklahoma City, OK 73116

SunValley Energy Corporation
200 West First, Suite 200
Roswell, NM 88201

Tierra Oil Company
P.O.Box 700968
San Antonio, TX 78270-0968

TrinAca 94 3-D Partners, LLC
P.O.Box 2325
Corrales, NM 87048

TwoDubyah, LLC
P.O.Box 30365
Albuquerque, NM 87190-0365

Western Oil Producers, Inc.
P.O.Box 2055
Roswell, NM 88202-2055

Manzano Oil Corporation
P.O.Box 2107
Roswell, NM 88202-2107

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
Properties
1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract C: NW/4SE/4 of Section 11, T16S-R36E

Blaine Hess
P.O.Box 326
Roswell, NM 88202-0326

James R. Leeton
P.O.Box 10561
Midland, TX 79702

Douglass C. Koch
815 Walker
Houston, TX 77002

Wayne Bissett
P.O.Box 2101
Midland, TX 79702

Corral, Inc.
P.O.Box 2107
Roswell, NM 88202-2107

Larry Hunnicut
5616 Amistad N.E.
Albuquerque, NM 8711

Concho Oil & Gas Corp
110 West Louisiana, Suite 410
Midland, TX 79701

Trident Oil Corporation
P.O.Box 182
Free Union, VA 22940

Stirling A. and Rosemary W. Colegate Trust
422 Estante Way
Los Alamos, NM 87544

Worth Energy, LLC
3116 West Fifth Street, Suite 208
Fort Worth, TX 76102

Cotton Creek Investment Company, Ltd.
301 Commerce Street, Suite 3655
Fort Worth, TX 76102

DES Acquisition, LLC
15630 Whitewater Lane
Houston, TX 77079-2534

Catherine W. Barnhill and William Cristopher
Barnhill, Co-Trustees of the William B. Barnhill
and Catherine W. Barnhill Trust A u/t/a dated
May 22, 1984
P.O.Box 700968
San Antonio, TX 78270-0968

Chesapeake Exploration, LP

Mineral Interest Owners of Record:

ROY G. BARTON, JR., TRUSTEE OF THE
ROY G. BARTON, SR. & OPAL BARTON
REVOCABLE TRUST
P. O. Box 978
Hobbs, NM 88241

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract C: NW/4SE/4 of Section 11, T16S-R36E

ROBERT P. BYRON & JEANINE H. BYRON,
TRUSTEES OF REVOCABLE TRUST dated
6/18/2003
P. O. Box 1552
Roswell, NM 88202

HAZEL BERRY, TRUSTEE OF HAZEL BERRY
TRUST
P. O. Box 1075
Lovington, NM 88260
SS#: 525-62-0926

ROBERT WEIGL & MARY WEIGL,
TRUSTEES OF THE WEIGL FAMILY LIVING
TRUST, dtd 9/25/1997
4018 S. Roosevelt Rd. 29
Elida, NM 88116
Mary's SS#: 585-09-5355

WILLIE RUTH TATUM, ssp
3415 56th St.
Lubbock, TX 79417

CARLTON JAMES CARMICHAEL, JR., ssp
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Albuquerque, NM 87122

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ILA NETTESHEIM, ssp
1501 Mann Ave.
Artesia, NM 88210
Upon Death Deed To:
BRIAN HALLER
2172 Gazelle Rd.
Rio Rancho, NM 87124

MARY ANN GATHINGS, widow
704 Marguerite St.
Carrizzo Springs, TX 78834
SS# 035-20-6847

FLO SCOTT BROWN, mssp
8610 Miami Ave.
Lubbock, TX 79423

PURVIS OIL CORP.
P. O. Box 11006
Midland, TX 79702

MARY TERESA CHRISTMAS, Individually and
as a Remainderman of B. A. Christmas, Jr.
P. O. Box 201209
Arlington, TX 76009

CANDY CHRISTMAS, Individually and as a
Remainderman of B. A. Christmas, Jr.
P. O. Box 771272
Ocala, FL 34477-1272

BRADFORD CHRISTMAS, Individually and as a
Remainderman of B. A. Christmas, Jr.,
P. O. Box 173
Wagon Mound, NM 87752

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Cont'd: Tract C: NW/4SE/4 of Section 11, T16S-R36E

HELEN JANE CHRISTMAS BARBY, ssp,
Individually and as a Remainderman of B. A.
Christmas, Jr. & HELEN JANE CHRISTMAS
BARBY TRUST
P. O. Box 1501
Montrose, CO 81402

B. A. CHRISTMAS, JR., & CHRISTMAS
RANCHES, INC.
HCR 62, Box 52
Raton, NM 87740

GEODYNE NOMINEE CORPORATION
(SAMSON RESOURCES)
2 West 2nd St.
Tulsa, OK 74103-3104

RIVER OAKS TRUST CO., Co-Trustee of The
Louise S. Longcope Trust #0320-1
P. O. Box 4886
Houston, TX 77210-4886

JOYCE ANN BROWN, ssp
P. O. Box 72
Watrous, NM 87753

CARL A. SCHELLINGER, ET UX GLORIA
P. O. Box 447
Roswell, NM 88202-0447

ELOVA MOAD MILLER, mssp
aka Elva Moad
10870 W. 68th Pl.
Arvada, CO 80004-2751
SS#: 462-52-0576

MADLYN DOTSON LANSFORD, sgl
fka Madlyn Dotson Bailey
209 N. 1st St.
Uvalde, TX 78801

HARRY H. JUNG, et ux
VIRGINIA M.
P. O. Box 93063
Lubbock, TX 79493
Harry's SS#: 458-38-2248

GEORGE B. DOTSON, mssp
134 Colton Dr.
Lake Jackson, TX 77566
SS#: 454-78-2932

ROBERT CUNNINGHAM, et ux
ELIZABETH T.
4909 Elm
Belaire, TX 77401

FRANCES NORMILE, fka Francis Wilkins
Cunningham, dssp
#2 Tudor Glen Place
The Woodlands, TX 77382

ALTON C. WHITE, JR.
3112 Above Stratford Pl.
Austin, TX 78746

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BIG BERTHA SWD - NOTIFICATION INFORMATION
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Cont'd: Tract C: NW/4SE/4 of Section 11, T16S-R36E

CHARLES S. LONGCOPE aka
Charles Septimus Longcope
7157 Joyce Way
Dallas, TX 75225-1730

EDMUND LONGCOPE aka
Edmund McLeod Longcope
400 W. Hopkins, Ste. 101
San Marcos, TX 78666

KAY LONGCOPE, aka
Vivianne Kay Longcope
1312 Travis Heights Blvd.
Austin, TX

E. M. MYERS, INC., a NM Corporation
822 S. Main St.
Lovington, NM 88260

NOVA JEAN MARLEY, ssp
211 S. Farmer St.
Crosbyton, TX 79322

NON-OPERATED TRACTS:

Tract D: SW/4NE/4 of Section 11, T16S-R36E

Lessees of Record:

William B. Barnhill
P.O.Box 700968
San Antonio, TX 78270-0968

Bear Energy, Inc.
P.O. Box 8221
Roswell, NM 88202-8221

Charles E. Brown
P.O.Box 609
Crystal City, TX 78839

C. Michael Brown
109 North Wind Loop
Roswell, NM 88201

Royce G. Cook, Sr.
224 East Zavala
Crystal City, TX 78839

Crabtree Oil & Gas Company
Three Lincoln Center
5430 LBJ Freeway, Suite 1700
Dallas, TX 75240

Jasha Culteri
601 N. Marienfield
Suite 500
Midland, TX 79701

Angela Naranjo
1801 West Second Street
Roswell, NM 88201

Featherstone Development Corporation
1801 West Second Street
Roswell, NM 88201

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Cont'd: Tract D: SW/4NE/4 of Section 11, T16S-R36E

Olen E. Featherstone, II
180t West Second Street
Roswell, NM 88201

Daniel E. Gonzales
P.O.Box 2475
Santa Fe, NM 87504-2475

James E. Guy
P.O.Box 100
Artesia, NM 88211

J.T.Jackson & Associates
2302 Sierra Vista
Artesia, NM 88210

Minerva Oil Company
P.O.Box 52858
Tulsa, OK 74152-2825

Mizel Resources, A Trust
5801 E. 41st, Suite 104
Tulsa, OK 74135

O'Neill Properties, Ltd.
P.O.Box 2840
Midland, TX 79702

Clay Paulos
#4 Isla Court
Roswell, NM 88201

Spartan Resources, LLC
Lake Point Towers
4013 NW Expressway, Suite 690
Oklahoma City, OK 73116

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200 West First, Suite 200
Roswell, NM 88201

Tierra Oil Company
P.O.Box 700968
San Antonio, TX 78270-0968

TrinAca 94 3-D Partners, LLC
P.O.Box 2325
Corrales, NM 87048

TwoDubyah, LLC
P.O.Box 30365
Albuquerque, NM 87190-0365

Western Oil Producers, Inc.
P.O.Box 2055
Roswell, NM 88202-2055

Manzano Oil Corporation
P.O.Box 2107
Roswell, NM 88202-2107

Blaine Hess
P.O.Box 326
Roswell, NM 88202-0326

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James R. Leeton
P.O.Box 10561
Midland, TX 79702

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Houston, TX 77002

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Midland, TX 79702

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5616 Amistad N.E.
Albuquerque, NM 8711

Concho Oil & Gas Corp
110 West Louisiana, Suite 410
Midland, TX 79701

Trident Oil Corporation
P.O.Box 182
Free Union, VA 22940

Stirling A. and Rosemary W. Colegate Trust
422 Estante Way
Los Alamos, NM 87544

Worth Energy, LLC
3116 West Fifth Street, Suite 208
Fort Worth, TX 76102

Cotton Creek Investment Company, Ltd.
301 Commerce Street, Suite 3655
Fort Worth, TX 76102

DES Acquisition, LLC
15630 Whitewater Lane
Houston, TX 77079-2534

Catherine W. Barnhill and William Cristopher
Barnhill, Co-Trustees of the William B. Barnhill
and Catherine W. Barnhill Trust A u/h/a dated
May 22, 1984
P.O.Box 700968
San Antonio, TX 78270-0968

Chesapeake Exploration, LP

Mineral Interest Owners of Record:

ROY G. BARTON, JR., TRUSTEE OF THE
ROY G. BARTON, SR. & OPAL BARTON
REVOCABLE TRUST
P. O. Box 978
Hobbs, NM 88241

ROBERT P. BYRON & JEANINE H. BYRON,
TRUSTEES OF REVOCABLE TRUST dated
6/18/2003
P. O. Box 1552
Roswell, NM 88202

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
Properties
1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

432/684-9819 phone
432/682-2601 fax

COUNTY Lea
STATE New Mexico
AREA Big Bertha SWD
DATE 12/18/2007

BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract D: SW/4NE/4 of Section 11, T16S-R36E

HAZEL BERRY, TRUSTEE OF HAZEL BERRY
TRUST
P. O. Box 1075
Lovington, NM 88260
SS#: 525-62-0926

ROBERT WEIGL & MARY WEIGL,
TRUSTEES OF THE WEIGL FAMILY LIVING
TRUST, dtd 9/25/1997
4018 S. Roosevelt Rd. 29
Elida, NM 88116
Mary's SS#: 585-09-5355

WILLIE RUTH TATUM, ssp
3415 56th St.
Lubbock, TX 79417

CARLTON JAMES CARMICHAEL, JR., ssp
9510 Signal Ave, NE
Albuquerque, NM 87122

EVELYN ELAINE HORNER, widow
2406 N. Haldeman Rd.
Artesia, NM 88210

ILA NETTESHEIM, ssp
1501 Mann Ave.
Artesia, NM 88210
Upon Death Deed To:
BRIAN HALLER
2172 Gazelle Rd.
Rio Rancho, NM 87124

MARY ANN GATHINGS, widow
704 Marguerite St.
Carrizzo Springs, TX 78834
SS# 035-20-6847

FLO SCOTT BROWN, mssp
8610 Miami Ave.
Lubbock, TX 79423

PURVIS OIL CORP.
P. O. Box 11006
Midland, TX 79702

MARY TERESA CHRISTMAS, Individually and
as a Remainderman of B. A. Christmas, Jr.
P. O. Box 201209
Arlington, TX 76009

CANDY CHRISTMAS, Individually and as a
Remainderman of B. A. Christmas, Jr.
P. O. Box 771272
Ocala, FL 34477-1272

BRADFORD CHRISTMAS, Individually and as a
Remainderman of B. A. Christmas, Jr.,
P. O. Box 173
Wagon Mound, NM 87752

CHALFANT PROPERTIES, INC.
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1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract D: SW/4NE/4 of Section 11, T16S-R36E

HELEN JANE CHRISTMAS BARBY, ssp,
Individually and as a Remainderman of B. A.
Christmas, Jr. & HELEN JANE CHRISTMAS
BARBY TRUST
P. O. Box 1501
Montrose, CO 81402

B. A. CHRISTMAS, JR., & CHRISTMAS
RANCHES, INC.
HCR 62, Box 52
Raton, NM 87740

GEODYNE NOMINEE CORPORATION
(SAMSON RESOURCES)
2 West 2nd St.
Tulsa, OK 74103-3104

RIVER OAKS TRUST CO., Co-Trustee of The
Louise S. Longcope Trust #0320-1
P. O. Box 4886
Houston, TX 77210-4886

JOYCE ANN BROWN, ssp
P. O. Box 72
Watrous, NM 87753

CARL A. SCHELLINGER, ET UX GLORIA
P. O. Box 447
Roswell, NM 88202-0447

ELOVA MOAD MILLER, mssp
aka Elva Moad
10870 W. 68th Pl.
Arvada, CO 80004-2751
SS#: 462-52-0576

MADLYN DOTSON LANSFORD, sgl
fka Madlyn Dotson Bailey
209 N. 1st St.
Uvalde, TX 78801

HARRY H. JUNG, et ux
VIRGINIA M.
P. O. Box 93063
Lubbock, TX 79493
Harry's SS#: 458-38-2248

GEORGE B. DOTSON, mssp
134 Cotton Dr.
Lake Jackson, TX 77566
SS#: 454-78-2932

ROBERT CUNNINGHAM, et ux
ELIZABETH T.
4909 Elm
Belaire, TX 77401

FRANCES NORMILE, fka Francis Wilkins
Cunningham, dssp
#2 Tudor Glen Place
The Woodlands, TX 77382

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
Properties
1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

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COUNTY Lea
STATE New Mexico
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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract D: SW/4NE/4 of Section 11, T16S-R36E

ALTON C. WHITE, JR.
3112 Above Stratford Pl.
Austin, TX 78746

CHARLES S. LONGCOPE aka
Charles Septimus Longcope
7157 Joyce Way
Dallas, TX 75225-1730

EDMUND LONGCOPE aka
Edmund McLeod Longcope
400 W. Hopkins, Ste. 101
San Marcos, TX 78666

KAY LONGCOPE, aka
Vivianne Kay Longcope
1312 Travis Heights Blvd.
Austin, TX

E. M. MYERS, INC., a NM Corporation
822 S. Main St.
Lovington, NM 88260

NOVA JEAN MARLEY, ssp
211 S. Farmer St.
Crosbyton, TX 79322

Tract E: S/2SE/4 of Section 11, T16S-R36E

Lessees of Record:

KCK Energy, LLC
P.O.Box 8834
Midland, TX 79708

Rebel Oil Co., LLC
P.O. Box 1684
Midland, TX 79702

Chesapeake Exploration, LP

Mineral Interest Owners of Record:

ROY G. BARTON, JR., TRUSTEE OF THE
ROY G. BARTON, SR. & OPAL BARTON
REVOCABLE TRUST u/t/a dtd 1/28/1982
P. O. Box 978
Hobbs, NM 88241-0978

COATES ENERGY INTERESTS, LTD.
P. O. Box 171717
San Antonio, TX 78217-1717

ELIZABETH H. MADDUX, ARTHUR T.
STIEREN, JR., BETTY ANN STIEREN
ROBERTS, JOHN R. HARRIS & CHARLES V.
RICHTER, TRUSTEES OF THE COATES
ENERGY TRUST u/w/o George H. Coates, dec'd'
P. O. Box 171717
San Antonio, TX 78217-1717

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
Properties
1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

432/684-9819 phone
432/682-2601 fax

COUNTY Lea
STATE New Mexico
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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract E: S/2SE/4 of Section 11, T16S-R36E

LARRY B. HALL, Individually & as Life
Beneficiary & Independent Executor u/w/o
Lydian Hall Woods, dec'd.
1007 W. Seventh St.
Muleshoe, TX 79347

J. H. VAN ZANT, III
306 W. 7th St.
Fort Worth, TX 76102

DOROTHY JEANNE VAN ZANT SANDERS,
ssp, aka, Jenne Van Zant Sanders
3917 Clayton Rd. East
Fort Worth, TX 76116

MARY KATHRYN GRISSO REVOCABLE
TRUST, dtd 6/7/1996
P. O. Box 14700
Oklahoma City, OK 73113

HARRY J. SCHAFER, Trustee of The Mary E.
Grisso Trust No. 1
2601 NW Expressway #610E
Oklahoma City, OK 73112
TAX ID: 73-6191703

BANK OF AMERICA, NA, Trustee of The
Grisso Family Trust u/t/a dtd 12/8/1966
P. O. Box 830308
Dallas, TX 75283-0308

PETCO LIMITED, A Texas LP
P. O. Box 911
Breckenridge, TX 76424-0911

BLACKSTONE MINERALS CO., LP
1001 Fannin, Ste. 2020
Houston, TX 77002

CARTER INVESTMENT CO.
333 Clay St., Ste. 3439
Houston, TX 77002

ALTON C. WHITE, JR.
3112 Above Stratford Pl.
Austin, TX 78746

NANCY L. WHITE, widow, ssp
P. O. Box 2148
Kerrville, TX 78029

HARRY AUGUST MILLER, JR., ssp, aka Harry
A. Miller, Jr.
303 W. Wall St., Ste. 600
Midland, TX 791701

HARRY AUGUST MILLER, III, ssp, aka Harry
A. Miller III
1402 Foxwood Cove
Austin, TX 78704

MARGARET ANNE MILLER CARRICO, ssp
c/o Mr. Frank Carrico
US Embassy Office, Tokyo Japan
Unit 45004, Box 204 96337

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
Properties
1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

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432/682-2601 fax

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STATE New Mexico
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DATE 12/18/2007

BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract E: S/2SE/4 of Section 11, T16S-R36E

REPUBLIC ROYALTY COMPANY
200 Crescent Ct., Ste. 1055
Dallas, TX 75201

MAECENAS MINERALS, LP
P. O. Box 176
Abilene, TX 79604

THE FASKEN FOUNDATION
600 W. Texas, Ste. 1160
Midland, TX 79701
Tax ID: 75-6023680

RANDY GEISELMAN & SANDRA, wife
2700 Racquet Club Dr.
Midland, TX 79705
SS#: 459-68-4013

ROY G. BARTON, JR., ssp
P. O. Box 978
Hobbs, NM 88240-0978

NORMA J. CHANLEY, ssp
P. O. Box 729
Hobbs, NM 88240-0729
SS#: 585-09-5731

HEIDI C. BARTON, ssp
1109 E. I-30, Apt. 204
Garland, TX 75043

BRETT C. BARTON, ssp
708 SW 149th Pl.
Oklahoma City, OK 73170

ROY G. BARTON, III, ssp
P. O. Box 572565
Houston, TX 77257-2565

BRIAN H. SCARBOROUGH, ET UX
SIDNEY T.
P. O. Box 2474
Midland, TX 79702-2474

MARGUERITE de H. McADOO, ssp
480 Park Ave.
New York, NY 10022
(1989)

CYNTHIA McADOO WHEATLAND, ssp
33 Branch St.
Boston, MASS 02108
(1989)

RICHARD F. McADOO, ssp, aka Richard Floyd
McAdoo
4817 45th St.
Washington, DC 20016
SS#: 550-40-0787

ALTA BATES FOUNDATION
1540 Ashby Ave.
Berkeley, CA 94705

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
Properties
1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract E: S/2SE/4 of Section 11, T16S-R36E

CHILDREN'S HOSPITAL MEDICAL CENTER
FOUNDATION
5225 Dover St.
Oakland, CA 94609

DORIS CROSS McADOO, widow
2048 Amherst Dr.
South Pasadena, CA 91030
SS#: 545-40-2550

BRICE McADOO CLAGETT, ssp
1201 Pennsylvania Ave.
Washington, DC 20044
SS#: 517-36-3285

BAYTECH, INC., a Texas Corporation
P. O. Box 10158
Midland, TX 79702

GEODYNE NOMINEE CORPORATION, a
Delaware Corporation
Samson Plaza
Two W. 2nd St.
Tulsa, OK 74103

SOUTHERN CROSS ROYALTY, LP
P. O. Box 777
Davis, OK 73030

BAREN HEALEY, Trustee The Baren Healey
1988 Trust u/t/a/ dtd 4/25/1988
P. O. Box 888
Davis, OK 73030

DANIEL DeSHAZO, SP
#2 Ena Ct.
Novato, CA 94947

DALE M. SANDERS
P. O. Box 83
Las Cruces, NM 88004

ANNIS ROBERTS, Trustee of The Vicki Jeanne
Saari Special Needs Trust
1230 S. 500 West, Apt. 11A
Bountiful, UT 84010

HEADINGTON ROYALTY, INC., a Texas
Corporation
7557 Rambler Rd., Ste. 1150
Dallas, TX 75231

WILLIAM A. CHALFANT
P.O.Box 3123
Midland, TX 79702

GREG MAURY
P.O.Box 891
Midland, TX 79702

MUIRFIELD RESOURCES COMPANY
PO Box 3166
Tulsa, OK 74101

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
Properties
1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

432/684-9819 phone
432/682-2601 fax

COUNTY Lea
STATE New Mexico
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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract E: S/2SE/4 of Section 11, T16S-R36E

PETRO TIGER I, LTD.
PO Box 3166
Tulsa, OK 74101

Tract F: N/2NE/4, SE/4NE/4, and NE/4SE/4 of Section 11, T16S-R36E

Lessees of Record:

No active Lease on this State tract.

Mineral Interest Owners of Record:

State of New Mexico
New Mexico State Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87501

Tract G: N/2NW/4 of Section 11, T16S-R36E

Lessees of Record:

James R. Leeton
P.O.Box 10561
Midland, TX 79702

Mineral Interest Owners of Record:

ALTON C. WHITE, JR.
3112 Above Stratford Pl.
Austin, TX 78746

MARY TERESA CHRISTMAS, Individually and
as a Remainderman of B. A. Christmas, Jr.
P. O. Box 201209
Arlington, TX 76009

CANDY CHRISTMAS, Individually and as a
Remainderman of B. A. Christmas, Jr.
P. O. Box 771272
Ocala, FL 34477-1272

BRADFORD CHRISTMAS, Individually and as a
Remainderman of B. A. Christmas, Jr.,
P. O. Box 173
Wagon Mound, NM 87752

HELEN JANE CHRISTMAS BARBY, ssp,
Individually and as a Remainderman of B. A.
Christmas, Jr. & HELEN JANE CHRISTMAS
BARBY TRUST
P. O. Box 1501
Montrose, CO 81402

B. A. CHRISTMAS, JR., & CHRISTMAS
RANCHES, INC.
HCR 62, Box 52
Raton, NM 87740

JOYCE ANN BROWN, ssp
P. O. Box 72
Watrous, NM 87753

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
Properties
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Midland, Texas 79702

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STATE New Mexico
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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract G: N/2NW/4 of Section 11, T16S-R36E

L.L.Robinette, etux Maxine Robinett and John V.
Graham, ssp
dba Big Three Land Company
P.O.Box 732
Lovington, NM 88260

Charlsie E. Savage, mwssp
P.O.Box 7
Deming, NM 88031

G.G.Gore, mmssp
Route 1, Box 31A
Deming, NM 88030

G.W.Braggs, aka George W. Braggs, etux
Margaret W. Braggs
P.O.Box 1042
Eunice, NM 88231

Kyle Kenneth Berry
#8 Edgewater
Maumell, AK 72113

Ernest Fennell, etux Jatou Fennell
414 E. 200 St.
Vernal, UT 84078

Irene Maetens and Dena Maetens
4362 Dean Drive
Ventura, CA 93003

Meredith Smith aka Meredith F. Smith, etux
Marilyn A. Smith
P.O.Box 875
Hobbs, NM 88240

Shelby Deaderick, Jr., etux Peggy Deaderick
28462 Acapulco
Mission Viejo, CA 92692

Ojavan Investors, Inc.
6253 Hollywood Blvd. #61
Los Angeles, CA 90028

Donald L. Lanford, etux Bobbie Jo Lanford a/k/a
Bobbie Lanford
West Star Route, Box 614
Lovington, NM 88260

Caprock Pipe & Supply, L.P.
PO Box 1535
Lovington, NM 88260

Genee H. Schubert, Trustee for Leslie Ann
Schuber Kinney, Charles Martin Schubert, and
Jennifer Leigh Schubert Hodges
2020 Vega Court
Hobbs, NM 88240

Ronald J. Byers
400 West Fifteenth Street
Suite 1600
Austin, TX 78701

CHALFANT PROPERTIES, INC.
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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract G: N/2NW/4 of Section 11, T16S-R36E

First National Bank Brownfield, Trustee of the
A.R.Brownfield and Allie D. Brownfield Trusts
c/o Mr. Johnny C. Willis
P.O.Box 1067
Brownfield, TX 79316

Pattilou P. Dawkins
3401 South Austin
Amarillo, TX 79109

Hunter Wolfm Puckett
2116 South Ong
Amarillo, TX 79109

Joseph Shely Puckett
15 Alpine Court
Bellaire, TX 77401

Jodi Osburn Tollison
1804 SE 9th
Mineral Wells, TX 76067

Meri Renee Osburn
P.O.Box 129
Merced, CA 95341

Billie L. Osburn
333 Rockland
Highland Village, TX 75067

W.E.Gore, etux Clairbel P. Gore
1509 South Silver
Deming, NM 88030

Billy Frank Osburn
P.O.Box 694
Atwater, CA 95301

Lela Dawkins
2810 Bonham
Amarillo, TX 79109

Marshall T. Dawkins
P.O.Box 1399
Amarillo, TX 79105

John E. Dawkins
P.O.Box 18505
Fountain Hills, AZ 85269

Nancy Dawkins
2810 Bonham
Amarillo, TX 79109

Hunter Oil Corporation
2020 Civic Circle
Amarillo, TX 79109

First National Bank Artesia, Trustee of the Rex &
Florence Wheatley Trust
P.O.Drawer AA
Artesia, NM 88210

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
Properties
1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

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COUNTY Lea
STATE New Mexico
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DATE 12/18/2007

BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Tract H: S/2SW/4; SW/4SE/4 of Section 2, T16S-R36E

Lessees of Record:

Chesapeake Exploration, LP

Mineral Owners of Record:

Vinson Family Revocable Trust
2201 Howard Cowper Drive
Clovis, NM 88101

Jerry Todd Smith
P.O. Box 22
Lovington, NM 88260

Louis Warn
160 Kanaka Flag Road
Jacksonville, Oregon 97530

Benny Teas
Route 1, Box 329,
Buchanan Dam, TX 78609

Arvella Richardson
HCR 830
Lovington, NM 88260

Cathie McCown Cathie McCown,
dealing in her SSP
P.O. Box 507
Dripping Springs, TX 78260

Mary Olive Lamb, aka Mary Olive Lamb Hepler
P.O. Box 59
Merlin, OK 97532

Alice Nail and Doris King, Trustees of the James
Berry Nail, Jr. Family Trust
4245 Kemp Blvd., Suite 920
Wichita Falls, TX

Cora E. Lee, a widow
1767 Ivy Road
Oceanside, CA 92054

Robert S. Smith, dealing ins his SSP
7925 E. Saffron St.
Anaheim, CA 92808

Betty M. Lewis, AIF for Mildred Blisser
148 Robin Hill Dr.
Racine, Wisconsin 53406

L.L. Robinett and his wife, Maxine Robinett, and
John V. Graham, dealing in his SSP, D/B/A Big
Three Land Company
Box 732
Lovington, NM 88260

Kyle Kenneth Berry, dealing in his SSP
8 Edgewater
Maumelle, AR 72113

Richard J. Mitchell, Executor and Sole
Beneficiary of the Estate of Lucy P. Mitchell,
Dec'd
255 Porto Fino Way
Redondo, CA 90277

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
Properties
1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

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STATE New Mexico
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DATE 12/18/2007

BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract H: S/2SW/4; SW/4SE/4 of Section 2, T16S-R36E

Norma R. Moon, a widow dealing in her SSP
7616 E. Gate
Oklahoma City, OK 73162

Jeff Joy, dealing in his SSP
8663 Oak Avenue
Orange Vale, CA 95667

Roberta Joy Matthews, dealing in her SSP
5938 E. Beryl Avenue
Scottsdale, AZ 85253

Charles Coleman Young, Trustee of the Dottie
Darden Testamentary Trust
6821 Club Meadows Drive
Amarillo, TX 79214

Dale Boland and his wife Dortha Mae Boland
1417 South 2nd
Lovington, NM 88260

Mary R. Tatum, a widow dealing in her SSP
5901 Eagle Lane
Fort Smith, Arkansas 72916

Deloras Ann Alexander, a married woman
dealing in her SSP
Rt. 1, Box 484
Red Oak Oklahoma, 74563

Leslie Tatum, a single woman
dealing in her SSP
4141 Horison North Parkway 1425
Dallas, TX 75287

Gail Franklin Tatum, a married man
dealing in his SSP
47 Wesley Lane South
Burlington, NJ 08016

Keneth Boss and his wife, Beverly Boss
E. Star Rt., Box 913
Lovington, NM 88260

George H. Anderson and his wife, Marie S.
Anderson 3577 Evening Canyon Road
Oceanside, California 92054

Huntington Memorial Hospital of Pasadena
Patience Assistance Fund
100 Wst California Blvd.
Pasadena, CA 91109

Bryant Tatum, a single man dealing in his SSP
86 Easley Loop
Greenwood, AR 72936

Bobby Burnett and his wife, LaJean Burnett
E. Star Rt. Box 7-C
Lovington, NM 88260

Jacqueline M. Morrow, a single woman
2531 W. Summershade
La Habra CA 90631

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
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STATE New Mexico
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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract H: S/2SW/4; SW/4SE/4 of Section 2, T16S-R36E

Winfield S. Miller and his wife, Mary E. Miller
37 N. Wildrose Circle
Prescott, AZ 86303

Yargro's Inc.
1103 West Ave. K
Lovington, NM 88260

Rita D. Schenck; Klein Bank, Spring, TX 77273,
as successor Corporate Trustee;
and
William Carl Schenck
P.O. Box 73249
Houston, TX 77273

Barbara W. McDowell and Fred O. McDowell,
Co-Trustees of the McDowell Family Trust
P.O. Box 487
Hoodspout, Washington, 98548

Brenda Berry, dealing in her SSP
20 Fifth Avenue, #16E
New York, NY 10011

Cathie Auvenshine, dealing in her SSP
P.O. Box 658
Dripping Springs, TX 78260

Tom R. Cone, dealing in his SSP
P.O. Box 778
Jay, OK 74346

Kirby D. Schenck
P.O. Box 1225
Lovington, NM 88260

Marilyn Cone, Trustee for D.C. Trust
P.O. Box 64244
Lubbock, TX 79464

Kirby D. Schenck
P.O. Box 1225
Lovington, NM 88260

The Wiser Company
P.O. Box 192
Sisterville, W. Virginia 26175

Kenneth G. Cone
P.O. Box 1148
Lovington, NM 88260

Douglas L. Cone
P.O. Box 6217
Lubbock, TX 79413

Clifford Cone
P.O. Box 6010
Lubbock, TX 79413

Bradley B. Sewell as attorney in fact
for Walter B. Sewell
135 W. Marquita "A"
San Clemente, CA 92672

CHALFANT PROPERTIES, INC.
Oil and Gas Leasing and
Properties
1502 North Big Spring
P.O. Box 3123
Midland, Texas 79702

432/684-9819 phone
432/682-2601 fax

COUNTY Lea
STATE New Mexico
AREA Big Bertha SWD
DATE 12/18/2007

BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract H: S/2SW/4; SW/4SE/4 of Section 2, T16S-R36E

B. A. CHRISTMAS, JR., & CHRISTMAS
RANCHES, INC.
HCR 62, Box 52
Raton, NM 87740

Nancy Dawkins
2810 Bonham
Amarillo, TX 79109

MARY TERESA CHRISTMAS, Individually and
as a Remainderman of B. A. Christmas, Jr.
P. O. Box 201209
Arlington, TX 76009

CANDY CHRISTMAS, Individually and as a
Remainderman of B. A. Christmas, Jr.
P. O. Box 771272
Ocala, FL 34477-1272

BRADFORD CHRISTMAS, Individually and as a
Remainderman of B. A. Christmas, Jr.,
P. O. Box 173
Wagon Mound, NM 87752

HELEN JANE CHRISTMAS BARBY, ssp,
Individually and as a Remainderman of B. A.
Christmas, Jr. & HELEN JANE CHRISTMAS
BARBY TRUST
P. O. Box 1501
Montrose, CO 81402

W.E.Gore, etux Clairbel P. Gore
1509 South Silver
Deming, NM 88030

Charlsie E. Savage, mwssp
P.O.Box 7
Deming, NM 88031

Genee H. Schubert, Trustee for Leslie Ann
Schuber Kinney, Charles Martin Schubert, and
Jennifer Leigh Schubert Hodges
2020 Vega Court
Hobbs, NM 88240

First National Bank Brownfield, Trustee of the
A.R.Brownfield and Allie D. Brownfield Trusts
c/o Mr. Johnny C. Willis
P.O.Box 1067
Brownfield, TX 79316

Jodi Osburn Tollison
1804 SE 9th
Mineral Wells, TX 76067

Meri Renee Osburn
P.O.Box 129
Merced, CA 95341

Billie L. Osburn
333 Rockland
Highland Village, TX 75067

Pattilou P. Dawkins
3401 South Austin
Amarillo, TX 79109

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Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract H: S/2SW/4; SW/4SE/4 of Section 2, T16S-R36E

Lela Dawkins
2810 Bonham
Amarillo, TX 79109

Marshall T. Dawkins
P.O.Box 1399
Amarillo, TX 79105

John E. Dawkins
P.O.Box 18505
Fountain Hills, AZ 85269

Nancy Dawkins
2810 Bonham
Amarillo, TX 79109

Hunter Wolfen Puckett
2116 South Ong
Amarillo, TX 79109

Joseph Shely Puckett
15 Alpine Court
Bellaire, TX 77401

First National Bank Artesia, Trustee of the Rex &
Florence Wheatley Trust
P.O.Drawer AA
Artesia, NM 88210

Hunter Oil Corporation
2020 Civic Circle
Amarillo, TX 79109

Tract I: NE/4NE/4 of Section 10, T16S-R36E

Lessees of Record:

No active OGLs of record.

Mineral Interest Owners of Record:

Beverly Ann Carter Overton and Charles Overton,
Trustees of the Beverly Ann Carter Overton and
Charles Overton Revocable Trust u/t/a dated
12/15/93
Box 32
Yeso, NM 88136

Powhatan Carter, III
P.O.Box 516
Fort Sumner, NM 88119

Rodney Carter, mmssp
5977 Willowcross Way
Plano, TX 75093

Anderson Carter
P.O.Box 998
Las Cruces, NM 88004

Wells Fargo Bank Texas, N.A.,
Successor Trustee of the Testamentary Trusts
u/w/s/o J.E.Simmons and Beulah H. Simmons
P.O. Box 1959
Midland, TX 79702

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Oil and Gas Leasing and
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Midland, Texas 79702

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COUNTY Lea
STATE New Mexico
AREA Big Bertha SWD
DATE 12/18/2007

BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Tract J: NE/4SE/4 of Section 10, T16S-R36E

Lessees of Record:

No active OGLs of record.

Mineral Interest Owners of Record:

City of Lovington, New Mexico
P.O. Box 1268
Lovington, NM 88260

Mary Alice Wilson
4225 Billie Bolin Drive
San Angelo, TX 76904

Rita Grace Hull
200 Sherrod Road
Big Spring, TX 79720

Lydia Beth Sutphin
431 Pine Street
Clyde, TX 79510

Cynthia Ann Wintamute
465 Loring
Horizon City, TX 79928

Shirley Harrington
4703 SCR 1205
Midland, TX 79760

Cody Lee Harrington
36 E. Twohig
San Angelo, TX 76903

Belva Ann Harrington Hebert
1609 Turtle
San Angelo, TX 76904

Gertrude Lowe
HC71, Box 16,
Coahoma, TX 79511

Randy Joe Lowe, Trustee of the
Earnest B. Lowe & Mary Gertrude Lowe
Revocable Living Trust
11701 ECR 34
Coahoma, TX 79511

Earnest Gene Lowe
HC 52 1190
Graford, TX 76449

Earnest Gene Lowe, ssp
200 North Hwy 16
Graford, TX 76449

Randy Joe Lowe
11701 ECR 34
Coahoma, TX 79511

George R. Harrington
1404 E. 14th
Big Spring, TX 79720

Gracie Miller
616 Hendricks
Anderson, Indiana

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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

Cont'd: Tract J: NE/4SE/4 of Section 10, T16S-R36E

Ric Miller, Agent and Attorney-in-Fact for Grace
Miller, a widow
806 W. 5th Street
Anderson, IN 46016

W.J. Harrington
1301 E. 49th
Odessa, TX 79762

C.S. Harrington
5500 CR 44
Big Spring, TX 79720

Johnnie F. Ray, fka Johnnie Harrington, ssp
11501 East County Road 34
Coahoma, TX 79511

Janet Sue Harrington, a widow, ssp
2305 Rochde Road
Niederwald, TX 78640

Darla Harrington Rees, ssp
714 Duck Drive
Victoria, TX 77905

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BIG BERTHA SWD - NOTIFICATION INFORMATION
Sections 2,10,11 Township 16S Range 36E

LANDMAN: Jeffrey S. Tyner/Jonathan A. Tyner

THE FOREGOING IS BASED ON A REVIEW OF THE RECORDS OF CAPROCK TITLE COMPANY OF MIDLAND, TEXAS UP TO AND INCLUDING NOVEMBER 6, 2007 AT 7:00 A.M. (AS TO LEA COUNTY, NEW MEXICO RECORDS). NO WARRANTY OF TITLE EITHER EXPRESSED OR IMPLIED IS MADE TO THE CONTENTS OF THIS REPORT. SAME IS FOR YOUR INFORMATION PURPOSES ONLY.

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Wednesday, January 23, 2008 8:24 AM
To: 'Charlie Robinson'
Subject: RE: Big Bertha

*Robert
2/5/08*

Charlie:

Here is what Brenda sent:

(Will, sorry, I was not aware of Mr. Leeton. A copy of the application with all attachments will be mailed via UPS today (Thursday 1/17/08). I will email you with his receipt of the application.)

Have not received a proof of notice yet from Brenda. Must wait the 15 days after Mr. Leeton receives the notice before releasing the permit. Looks like about Febr 4 to release to allow the UPS to work.

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

-----Original Message-----

From: Charlie Robinson [mailto:charlie.robinson@chk.com]
Sent: Wednesday, January 23, 2008 8:07 AM
To: Jones, William V., EMNRD
Subject: RE: Big Bertha

Will,

Have you received the info from Brenda? If so, is there anything else that we can get for you? Let me know. Thanks.

Charlie

-----Original Message-----

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]
Sent: Wednesday, January 16, 2008 5:20 PM
To: Charlie Robinson
Cc: Williams, Chris, EMNRD; Ezeanyim, Richard, EMNRD; Brooks, David K., EMNRD; Brenda Coffman; Lynda Townsend
Subject: RE: Big Bertha

Charlie:

I have the permit ready to release, providing Mr. Leeton does not protest.

If Chesapeake does NOT control the minerals in the Wolfcamp - then you really should obtain updated mineral leases from all those fee mineral owners before you go any further OR notify each of them of your intent to inject (as Rule 701B(2) states).

I am taking from your application and from the land work, that Chesapeake is the "operator" and (Chesapeake and Leeton are) the lessees in the upper Wolfcamp and would represent all those fee mineral owners and would do the right thing if the well is swabbed and makes enough to produce (unlikely).

The swab requirement is "post approval" and is a common requirement. This is to gather hard data on whether that upper WC has even a show of oil in that area - may help offsetting owners decide which way to map it.

Jones, William V., EMNRD

From: Brenda Coffman [brenda.coffman@chk.com]
Sent: Thursday, January 17, 2008 1:06 PM
To: Jones, William V., EMNRD; Charlie Robinson
Cc: Williams, Chris, EMNRD; Ezeanyim, Richard, EMNRD; Brooks, David K., EMNRD; Lynda Townsend
Subject: RE: Big Bertha

Will, sorry, I was not aware of Mr. Leeton. A copy of the application with all attachments will be mailed via UPS today. I will email you with his receipt of the application.

Thank you,
Brenda Coffman
Sr. Regulatory Compliance Specialist
Chesapeake Operating, Inc.
Phone: (817) 556-5825, ext. 2805
Fax: (817) 645-1821
Email: bcoffman@chkenergy.com

-----Original Message-----

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]
Sent: Wednesday, January 16, 2008 5:20 PM
To: Charlie Robinson
Cc: Williams, Chris, EMNRD; Ezeanyim, Richard, EMNRD; Brooks, David K., EMNRD; Brenda Coffman; Lynda Townsend
Subject: RE: Big Bertha

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William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

-----Original Message-----

From: Charlie Robinson [mailto:charlie.robinson@chk.com]
Sent: Wednesday, January 16, 2008 3:42 PM
To: Jones, William V., EMNRD
Subject: RE: Big Bertha

Will,

So what exactly are you saying? Does this mean that the application is approved provided

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Wednesday, January 16, 2008 3:30 PM
To: 'Brenda Coffman'
Cc: Charlie Robinson; Lynda Townsend
Subject: SWD: Big Bertha

Brenda:

After looking over the (very professional) title takeoff pertinent to Rule 701B.(2), this looks like the nightmare of notices - similar to what Paladin Energy has been doing in the abandoned Devonian areas.

This is proposed injection into the same upper Wolfcamp interval as the Hudgens #1 (SWD-671-A) and 1/4 or so miles away.

Considering this:

- 1) The new Wolfcamp perms in this Big Bertha should be swab tested and results reported on sundrys before injection.
- 2) Send (to my attention here) a signed waiver or proof of notice to:
Mr. James R. Leeton
PO Box 10561
Midland, TX 79702

This may be the last requirement, but I'll let you know after talking this over with our attorney.

Thank You,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

-----Original Message-----

From: Brenda Coffman [mailto:brenda.coffman@chk.com]
Sent: Friday, January 11, 2008 2:12 PM
To: Jones, William V., EMNRD
Cc: Charlie Robinson; Lynda Townsend
Subject: FW: UPS CONFIRMATION

Will, per our phone conversation and in reference to the Big Bertha-11 application for SWD, attached is our UPS confirmation to the surface owner. Please, note that Caprock Pipeline & Supply, Inc. received a copy of the application on 12/26/07. Chesapeake is the only operator within the 1/2 mile radius of the Big Bertha 1-11 well. There are no unleased fee owners with in the 1/2 mile radius. Please, let me know if you need anything further.

Your consideration and approval of our application is appreciated.

Thank you,
Brenda Coffman
Sr. Regulatory Compliance Specialist
Chesapeake Operating, Inc.
Phone: (817) 556-5825, ext. 2805
Fax: (817) 645-1821
Email: bcoffman@chkenergy.com

-----Original Message-----

From: noreply@chkenergy.com [mailto:noreply@chkenergy.com]
Sent: Friday, January 11, 2008 2:07 PM

**Shipment Receipt**

(Keep this for your records.)

Transaction Date 18 Jan 2008

Address Information**Ship To:**

Mr. James R. Leeton, Jr., Atty
James R. Leeton, Jr.
432-683-0803
308 W Wall Street
MIDLAND TX 79701-5111

Shipper:

CleburneCHK
Carol Adler
8175565825
421 Marti Drive
Cleburne TX 76033

Shipment Information**Service:**

UPS Next Day Air
10:30 AM, Mon. 21 Jan.
2008

*Guaranteed By:

Fuel Surcharge:**Package Information****Package 1 of 1**

Tracking Number: 1ZV889E50190760287
Package Type: UPS Letter
Actual Weight: Letter
Billable Weight: Letter

Billing Information

Bill Shipping Charges to: Shipper's Account V889E5

All Shipping Charges in USD

* For delivery and guarantee information, see the [UPS Service Guide](#). To speak to a customer service representative, call 1-800-PICK-UPS for domestic services and 1-800-782-7892 for international services.

Responsibility for Loss or Damage

Unless a greater value is recorded in the declared value field as appropriate for the UPS shipping system used, the shipper agrees that the released value of each package covered by this receipt is no greater than \$100, which is a reasonable value under the circumstances surrounding the transportation. If additional protection is desired, a shipper may increase UPS's limit of liability by declaring a higher value and paying an additional charge. UPS does not accept for transportation and shipper's requesting service through the Internet are prohibited from shipping packages with a value of more than \$50,000. The maximum liability per package assumed by UPS shall not exceed \$50,000, regardless of value in excess of the maximum. Claims not made within nine months after delivery of the package (sixty days for international shipments), or in the case of failure to make delivery, nine months after a reasonable time for delivery has elapsed (sixty days for international shipments), shall be deemed waived. The entry of a C.O.D. amount is not a declaration of value for carriage purposes. All checks or other negotiable instruments tendered in payment of C.O.D. will be accepted by UPS at shipper's risk. UPS shall not be liable for any special, incidental, or consequential

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Tracking Summary

Tracking Numbers

Tracking Number: 1Z V88 9E5 01 9076 028 7
Type: Package
Status: **Delivered**
Delivered On: 01/21/2008
10:15 A.M.
Delivered To: MIDLAND, TX, US
Signed By: CYPERT
Service: NEXT DAY AIR

Tracking results provided by UPS: 02/04/2008 10:52 A.M. ET

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Injection Permit Checklist 2/8/07

SWD Order Number 071-B Dates: Division Approved _____ District Approved _____

Well Name/Num: SV Big Bore #1 Date Spudded: 97

API Num: (30-) 025-33883 County: Lea

Footages 2081 FNL/1870 FWL Sec 11 Tsp 16S Rge 36E

Operator Name: Chesapeake Operating, Inc Contact Elizabeth Bohannon

Operator Address: 1616 West Baden Blvd, Hobbs, NM 88241

Current Status of Well: Open well Planned Work: SQZ, perf WC, inj Inj. Tubing Size: 2 3/8 @ 9800'

OGRID
147179

	Hole/Pipe Sizes	Depths	Cement	Top/Method
Surface	13 3/8	406	375	CIRC
Intermediate	8 5/8	4173	1550	CIRC
Production	5 1/2	10,900	575	5554 CBL
Last DV Tool		7050	300SX/275SX	Cale To P 8,751'
Open Hole/Liner			Below done	
Plug Back Depth				

Diagrams Included (Y/N): Before Conversion After Conversion
 Checks (Y/N): Well File Reviewed ELogs in Imaging Sonic/DU/

Intervals:	Depths	Formation	Producing (Yes/No)
Salt/Potash			
Capitan Reef			
Cliff House, Etc:			
Formation Above	8500 TOP	ABO	
Top Inj Interval	9830	Top of WC	
Bottom Inj Interval	10118	WC	
Formation Below			

This well will replace the HUDGENS #1 (SWD 671A) 30-025-29712 9754' 10544' Drilled 97
 1966 PSI Max WHIP
 YES Open Hole (Y/N)
 NO Deviated Hole (Y/N)

Fresh Water: Depths: ? Wells (Y/N) 2 Analysis Included (Y/N): yes Affirmative Statement

Salt Water Analysis: Injection Zone (Y/N/NA) _____ DispWaters (Y/N/NA) _____ Types: W.C.

Notice: Newspaper (Y/N) Surface Owner ? Mineral Owner(s) Fee owned

Other Affected Parties: all

AOR/Repairs: NumActiveWells 2 Repairs? — Producing in Injection Interval in AOR no

AOR Num of P&A Wells 2 Repairs? — Diagrams Included? yes RBDMS Updated (Y/N) yes

Well Table Adequate (Y/N) yes AOR STRs: Sec _____ Tsp _____ Rge _____ UIC Form Completed (Y/N) yes

New AOR Table Filename _____ Sec _____ Tsp _____ Rge _____ This Form completed

Conditions of Approval: _____ Sec _____ Tsp _____ Rge _____ Data Request Sent

~~SQZ perf 70592-10599~~
 SQZ perf 4220-4226

AOR Required Work: _____

Required Work to this Well: _____

FM TOP above WC? production? Send CBL copy to Hobbs

9830
1966