P.O. Box 2064 • Midland, TX 79702 • (432) 685-1287 Fax (432) 686-7109

#### Certified Mail RRR #7011 0110 0001 3284 0728

April 11, 2011

Chesapeake Exploration LLC P.O. Box 18496 Oklahoma City, Oklahoma 73154-0496

#### Attn: Permian Land Manager

Re: Well Proposal Copperhead Fee A #1H Well <u>T-26-S, R-29-E, N.M.P.M.</u> Section 30: Lots 2 thru 4 Section 31: Lots 1 and 2 Containing 183.57 acres of land Eddy County, New Mexico

Oil Conservation Division Case No. Exhibit No.

Gentlemen:

OGX Resources LLC ("OGX") hereby proposes to drill the above referenced horizontal well at a surface hole location of 480' FSL and 480' FWL of Section 31 and a bottom hole location of 1650' FNL and 330' FWL of Section 30, all in T-26-S, R-29-E, N.M.P.M., Eddy County, New Mexico. This well will be drilled to a true vertical depth of 7,200' then horizontally approximately 5,139' to the bottom hole location, for a total measured depth of approximately 12,339' to adequately test the Avalon portion of the Bone Spring Formation. The proration unit for this well will be the Lots 2, 3, and 4 of Section 30 and Lots 1 and 2 of Section 31 or 183.57 acres of land.

Enclosed for your review is an AFE (in duplicate) showing the estimated drilling and completion costs for the subject well and a C-102 plat.

OGX invites the participation of Chesapeake Exploration LLC ("CHESAPEAKE") in this well. If CHESAPEAKE wishes to participate in the drilling of this well, please execute both copies of the AFE, after which return one copy to the undersigned. Upon receipt of the AFE, OGX will mail you an Operating Agreement for your execution covering the proration unit for the subject well, which will supersede all existing operating agreements, naming OGX as the Operator. According to our calculations, your company would have a 14.12404% working interest in the subject proration unit.

Please evidence your election to participate in this well by signing the Authorization for Expenditure enclosed herewith and returning one (1) copy to me at your earliest convenience.

Chesapeake Exploration LLC Well Proposal Copperhead Fee A #1H Well April 11, 2011 Page 2

In the event CHESAPEAKE does not wish to participate in the drilling of this well, OGX herein proposes the following:

One (1) year term assignment, with CHESAPEAKE delivering to OGX a net revenue interest of seventy-five percent (75%), 180 day continuous development after the end of the primary term, mutually acceptable term assignment form.

Cash consideration: \$200.00 per acre. According to our records CHESAPEAKE owns 25.00% of the leasehold estate in Lot 2 of Section 30 (39.82 acres) or 9.955 net leasehold acres, and 25.00% of the leasehold estate in Lots 1 and 2 of Section 31 (63.89 acres) or 15.9725 net leasehold acres.

If you need any further information, please contact the undersigned.

Sincerely,

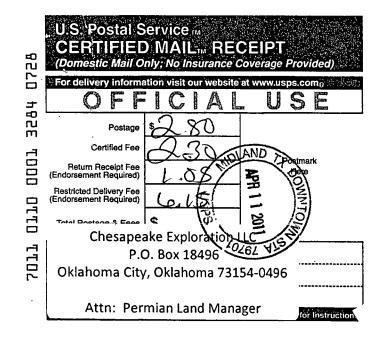
OGX Resources LLC

Hunter Kennedy

Hunter Kennedy Landman

Enclosures -

SENDER: COMPLETE THIS SE	CTION	COMPLETE THIS SECTION ON DEL	IVERY				
<ul> <li>Complete items 1, 2, and 3. Alsi item 4 if Restricted Delivery is 0</li> <li>Print your name and address o so that we can return the card</li> <li>Attach this card to the back of or on the front if space permits</li> </ul>	desired. In the reverse to you. the mailpiece,	A. Signature X B. Received by (Printed Name) VE	p				
1. Article Addressed to:		D. Is delivery address different from ite If YES shift colivery address bad	m 1? □ Yes w: □ No				
Chesapeake Explor P.O. Box 184 Oklahoma City, Oklahon	196 na 73154-0496	3. Service 4100 Certifice Mail					
Attn: Permian Land	d Manager	Registered     Return Receipt for Merchandise     Insured Mail     C.O.D.					
		4. Restricted Delivery? (Extra Fee)	🖾 Yes				
2. Article Number (Transfer from service label)	נס לנסג	10 0001 3284 0728					
PS Form 3811, February 2004	Domestic Retu	ırn Receipt	102595-02-M-1540				



State	of	New	Mexico	
JUALE	UL.	14644	MEXICO	

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

DISTRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT □ AMENDED REPORT 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505 Pool Code API Number Pool Name 16800 DELAWARE RIVER-BONE SPRING **Property** Name Well Number Property Code COPPERHEAD FEE A 1H OGRID No. **Operator** Name Elevation OGX RESOURCES 2928 217955

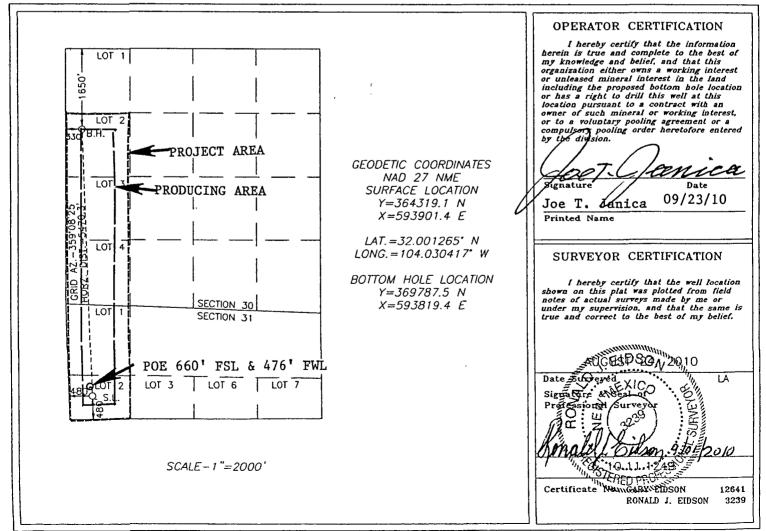
Surface Location UL or lot No. Section Township Lot Idn Feet from the North/South line Feet from the East/West line Range

2	31	26-S	29-E	480	SOUTH	480	WEST	EDDY

Bottom Hole Location If Different From Surface Lot Idn Fast from the North /South line Fast from the Fast /West line County Township Paneo

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	30	26-S	29-E		1650	NORTH	330	WEST	EDDY
Dedicated Acres Joint or Infill Consolidation Code Order No.									
183.9									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



Santa Fe, New Mexico 87505

## S

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

County

## **OGX RESOURCES LLC**

AUTHORIZATION FOR EXPENDITURE

OGX AFE No.: AFE Title: AFE Title: Avalon Horizontal Well Name & No.: COPPERHEAD FEE A #1H

# State: NEW MEXICO

Field: DELAWARE RIVER SOUTH - BONE SPRING

County: EDDY \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Oil: XX GAS

Proposed Depth: 7200 TVD / 12,339' MD

Exploratory XX Development: Proposed Formation: AVALON Descriptior SHL: 480'FSL & 480'FWL / SEC.31-T26S-R29E BHL: 1650' FNL & 330' FWL, SEC. 30, T26S, R29E

MA	<u>+J</u>	SUB	DRY HOLE	MAJ	COMPLETION	TOTAL
DEVELOPMENTAL DRILLING:						
Turnkey 72	5 <b>Г</b>	470	\$0	726	\$0	\$0
Mobilization/Demob.		471	\$65,000		\$0	\$65,000
Location, Pits, Roads		472	\$65,000		\$10,000	\$75,000
Cement and Cementing Services		473	\$55,000		\$80,000	\$135,000
Mud Logging		474	\$35,000		\$0	\$35,000
Mud Materials, Chemical & Water		475	\$65,000		\$175,000	\$240,000
Logging and Sidewall Coring		478	\$35,000		\$5,000	\$40,000
Perforating		479	\$0		\$70,000	\$70,000
Stimulation		480	\$0		\$3,250,000	\$3,250,000
Formation Testing		482	\$0		\$32,000	\$32,000
Testing Tubular Goods	_	484	\$0		\$5,500	\$5,500
Tool Rental DOWNHOLE		488	\$40,000		\$3,500	\$43,500
Tool Rental INCLUDES CLOSED MUD SYSTEM		488	\$215,000			\$215,000
Drilling Footage	_	489	\$0		\$0	\$0
Drilling Day Work 45 days		490	\$630,000		\$37,500	\$667,500
Float Equipment		491	\$6,500		\$375,000	\$381,500
Bits, Core Barrells, etc.		492	\$90,000		\$15,000	\$105,000
Other Special Well Services		494	\$18,000		\$50,000	\$68,000
Contract Services & Equip		510	\$12,000		\$120,000	\$132,000
Directional Drilling		511	\$180,000		\$0	\$180,000
Completion Unit		528	\$0		\$56,000	\$56,000
Fuel & Power		539	\$140,000		\$0	\$140,000
Auto & Truck Expense		545	\$15,000		\$2,500	\$17,500
Company Supervision 60 @ 1200		501	\$42,000		\$30,000	\$72,000
Miscellaneous & Contingencies	8%	599	\$136,680		\$345,360	\$482,040
Subtotal			\$1,845,180		\$4,662,360	\$6,507,540

## DEVELOPMENTAL LWE "DRILLING"

Surface Casing 13 3/8 @ 450'	727	441	\$16,750	727	\$0	\$16,750
Conductor Pipe		442	\$9,500		\$0	\$9,500
Intermediate Casing 8 5/8" @ 2625'		•443	\$58,300		\$0	\$58,300
Production Casing 5 1/2" @ 12,339'		443	\$0		\$265,000	\$265,000
Drilling Liner		450	\$0		\$0	\$0
Production Liner		460	\$0		\$0	
Casing Head		445	\$34,000		\$15,000	\$49,000
X-Mas Tree		446	\$0		\$16,000	\$16,000
Completion Equipment		447	\$0		\$5,000	\$5,000
Retrievable Packers		448	\$0		\$5,000	\$5,000
Tubing		449	\$0		\$55,000	\$55,000
Other Material & Equipment		469	\$1,000		\$1,500	\$2,500
Subtotal			\$119.550		\$362,500	\$482,050

#### **ONSHORE FACILITIES**

Location, Pits, Roads	745	472	\$35,000	\$35,000
Contract Services & Equip		510	\$25,000	\$25,000
Engineering Surveys		516	\$1,500	\$1,500
Auto & Truck Expense		545	\$1,000	\$1,000
Welding Services		566	\$7,500	\$7,500/
Instal Elect/Pneu System		567	\$0	\$0
Painting Service		568	\$0	\$0
Miscellaneous & Contingencies	· · · · · · · · · · · · · · · · · · ·	599	\$1,500	\$1,500
Subtotal			571.500	\$71,500

#### **ONSHORE FACILITIES**

Misc Valves & Fittings 74	46 153	\$35,000	\$35,000
Corrosion or Chemical Treating Equip	438	\$0	\$0
Pumping Equipment	451	\$135,000	\$135,000
Gas Engines & Electric Motors	452	\$15,000	\$15,000
Electric Lines, Poles, Transformers, etc.	453	\$35,000	\$35,000
Bottom Hole Pump	454	\$8,000	\$8,000
Field Lines	456	\$7,500	\$7,500
Tanks, Stairs, Walkways, etc.	457	\$38,000	\$38,000
Separator & Fittings	458	\$10,500	\$10,500
Heaters, Treaters & Connections	459	\$12,000	\$12,000
Power & Circulating Pumps	460	\$2,500	\$2,500
Meters	463	\$23,000	\$23,000
Other Material & Equipment	469	\$45,000	\$45,000
Subtotal		\$366,500	\$366,500

## TOTAL WELL COST:

1,964	,730	

7,427,590

5,462,860

	OGX RESOURCES	[] //
Ву: (	All a	in f
Title:	Engineering Manager	
Date:	4/1////	

NAME: By:

Title:

Date:

WI%:

PARTICIPANT APPROVAL

P.O. Box 2064 • Midland, TX 79702 • (432) 685-1287 Fax (432) 686-7109

### Certified Mail RRR #7011 0110 0001 3284 0643

May 17, 2011

Chesapeake Exploration LLC P.O. Box 18496 Oklahoma City, Oklahoma 73154-0496

Attn: Permian Land Manager

Re: Operating Agreement Copperhead Fee A #1H Well <u>T-26-S, R-29-E, N.M.P.M.</u> Section 30: Lots 2 thru 4 Section 31: Lots 1 and 2 Containing 183.57 acres of land Eddy County, New Mexico

Gentlemen:

By letter dated April 11, 2011, OGX Resources LLC ("OGX") proposed the drilling of the subject well to your company.

Enclosed herewith is an operating agreement dated May 1, 2011 covering the captioned lands naming OGX as operator and Chesapeake Exploration LLC, et al, as non-operators, which has been executed by OGX and prepared for your company's execution, along with an extra signature page.

Please review the enclosed agreement and if acceptable, execute the agreement and the extra signature page, after which, return the extra signature page to the undersigned along with the AFE sent to you by our April 11, 2011 letter.

If you need any further information, please contact the undersigned.

Sincerely,

OGX Resources LLC

Algo Hibold

Garland H. Lang III Land Manger

Enclosures

OGXResources LLC

P.O. Box 2064 • Midland, TX 79702 • (432) 685-1287 Fax (432) 686-7109

Certified Mail #7011 0110 0001 3284 0711

April 11, 2011

Ms. Jo Beth Colvin Ware 3605 Grandview Plainview, TX 79072

Re: Well Proposal Copperhead Fee A #1H Well <u>T-26-S, R-29-E, N.M.P.M.</u> Section 30: Lots 2 thru 4 Section 31: Lots 1 and 2 Containing 223.33 acres of land Eddy County, New Mexico

Dear Ms. Ware:

According to the records of Eddy County, New Mexico you own unleased minerals under Lots 1 and 2 and E/2NW/4 of Section 30, T-26-S, R-29-E, N.M.P.M.

OGX Resources LLC ("OGX") hereby proposes to drill the above referenced horizontal well at a surface hole location of 480' FSL and 480' FWL of Section 31 and a bottom hole location of 1650' FNL and 330' FWL of Section 30, all in T-26-S, R-29-E, N.M.P.M., Eddy County, New Mexico. This well will be drilled to a true vertical depth of 7,200' then horizontally approximately 5,139' to the bottom hole location, for a total measured depth of approximately 12,339' to adequately test the Avalon portion of the Bone Spring Formation. The proration unit for this well will be the Lots 2, 3, and 4 of Section 30 and Lots 1 and 2 of Section 31 or 183.57 acres of land.

Enclosed for your review is an AFE (in duplicate), showing the estimated drilling and completion costs for the subject well.

OGX invites you to participate in this well. If you wish to participate in the drilling of this well, please execute both copies of the AFE, after which return one copy to the undersigned. Upon receipt of the AFE, OGX will mail you an Operating Agreement for your execution covering Lots 1-4 of Section 30 and Lots 1 and 2 of Section 31, which will supersede all existing operating agreements, naming OGX as the Operator.

In the event you do not which to participate, OGX would be interested in obtaining an oil and gas lease from you under the following terms:

Jo Beth Colvin Ware Well Proposal Copperhead Fee A #1H Well April 11, 2011 Page 2

As to your mineral interest covering the Lots 1 and 2, E/2NW/4 of Section 30, T-26-S, R-29-E, N.M.P.M, being 6.25% (4.97375 net acres).

Term: Six (6) months Royalty: 20% Standard Lease Form Cash Consideration: \$300.00 per net mineral acre.

Please let us know within thirty (30) days from receipt of this letter if you (1) want to participate in the subject well, or (2) lease your unleased minerals. If you have any questions, please contact the undersigned.

Sincerely,

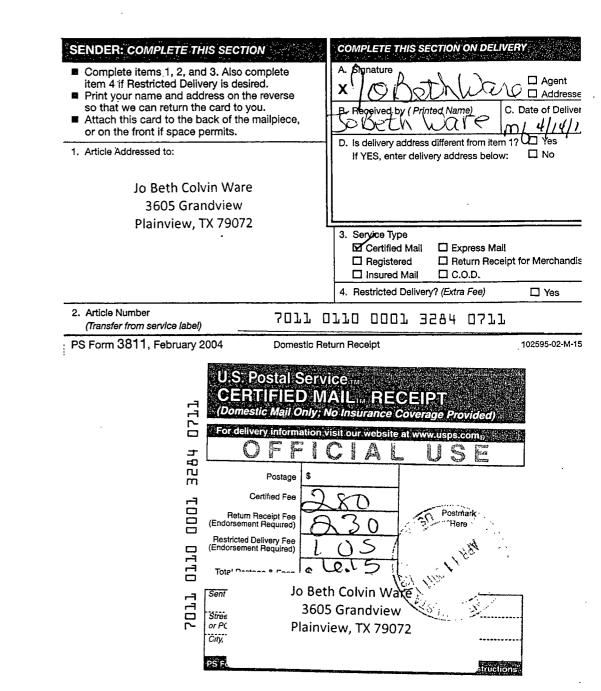
OGX Resources LLC

Hunter Kennedy

Landman

Enclosures

jobethcolvinwarecopperheadfeea#1hwellproposal\_040711



OGX RESOURCES LLC

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AUTHORIZATION FOR EXPENDITURE

DATE: 4/6/11

ő

OGX AFE No.: AFE Title: Avalon Horizontal

Well Name & No.: COPP	ERHEAD FEE A #1H						
State: NEW MEXICO	******	*****	*****	Field: DELAW. County: EDDY		ER SOUTH - BONE S	PRING
Exploratory XX	Development:			Oil: XX		GAS	
Proposed Formation: AVA					h <sup>.</sup> 7200 T	VD / 12,339' MD	
	& 480'FWL / SEC.31-T26S-R29E			Toposed Dept		VD / 12,005 mD	
BHL: 1650' FN	IL & 330' FWL, SEC. 30, T26S, R29E						
*********** ************	***********	*****	*******	********	******	* ***********	********
	MA	٨J	<u>SUB</u>	DRY HOLE	MAJ	COMPLETION	TOTAL
DEVELOPMENTAL D	RILLING:						
Turnkey	72	5	470	\$0	726	\$0	\$0
Mobilization/Demob.		-	471	\$65,000		\$0	\$65,000
Location, Pits, Roads			472	\$65,000		\$10,000	\$75,000
Cement and Cementing Se	ervices		473	\$55,000		\$80,000	\$135,000
Mud Logging			474	\$35,000		\$0	\$35,000
Mud Materials, Chemical &			475	\$65,000		\$175,000	\$240,000
Logging and Sidewall Cori	ng		478	\$35,000		\$5,000	\$40,000
Perforating			479	\$0		\$70,000	\$70,000
Stimulation	· · · · · · · · · · · · · · · · · · ·		480	\$0		\$3,250,000	\$3,250,000
Formation Testing			482	\$0	_	\$32,000	\$32,000
Testing Tubular Goods			484	\$0		\$5,500	\$5,500
Tool Rental DOWNHOLE			488	\$40,000		\$3,500	\$43,500
Tool Rental INCLUDES CI	LOSED MUD SYSTEM		488	\$215,000			\$215,000
Drilling Footage Drilling Day Work 45 days			489	\$0 \$630,000		\$0	\$0
Float Equipment	•		490	\$6,500		\$37,500	\$667,500
Bits, Core Barrells, etc.			492	\$90,000		\$15,000	\$381,500 \$105,000
Other Special Well Service			494	\$18,000		\$15,000	\$68,000
Contract Services & Equip			510	\$12,000		\$120,000	\$132,000
Directional Drilling	······································		511	\$180,000		\$120,000	\$180,000
Completion Unit			528	\$0		\$56,000	\$56,000
Fuel & Power			539	\$140,000		\$0	\$140,000
Auto & Truck Expense			545	\$15,000		\$2,500	\$17,500
Company Supervision 60	@ 1200		501	\$42,000		\$30,000	\$72,000
Miscellaneous & Continger		8%	599	\$136,680		\$345,360	\$482,040
Subtotal				\$1,845,180		\$4,662,360	\$6,507,540
DEVELOPMENTAL L							
Surface Casing 13 3/8 @ 4	<b>150'</b> 727	<u></u>	441	\$16,750	727	\$0	\$16,750
Conductor Pipe			442	\$9,500		\$0	\$9,500
Intermediate Casing 8 5/8'	'@ 2625'		443	\$58,300		\$0	\$58,300
Production Casing 5 1/2" (	@ 12,339'		443	\$0		\$265,000	\$265,000
Drilling Liner			450	\$0		\$0	\$0
Production Liner		+	460	\$0		\$0	0.0000
Casing Head	·····		445	\$34,000		\$15,000	\$49,000
X-Mas Tree	··		446	\$0		\$16,000	\$16,000
Completion Equipment		+	447	\$0		\$5,000	\$5,000
Retrievable Packers			448 449	\$0 \$0		\$5,000	\$5,000 \$55,000
Other Material & Equipmen	•		449	\$1,000		\$1,500	\$2,500
O Line and L	·		409	\$119,550		\$362,500	\$482,050
<u></u>				\$119,000			\$+0£,000
ONSHORE FACILITIE		_					
Location, Pits, Roads	745	;	472			\$35,000	\$35,000
Contract Services & Equip			510			\$25,000	\$25,000
Engineering Surveys	······································	+	516			\$1,500	\$1,500

Engineering Surveys	516	\$1,500	\$1,500
Auto & Truck Expense	545	\$1,000	\$1,000
Welding Services	566	\$7,500	\$7,500
Instal Elect/Pneu System	567	 \$0	\$0
Painting Service	568	\$0	\$0
Miscellaneous & Contingencies	599	\$1,500	, \$1,500
Subtotal		\$71,500	\$71,500

**ONSHORE FACILITIES** 

<u>ontonic nateria</u>				
Misc Valves & Fittings	746	153	\$35,000	\$35,000
Corrosion or Chemical Treating Equip		438	\$0	\$0
Pumping Equipment		451	\$135,000	\$135,000
Gas Engines & Electric Motors		452	\$15,000	\$15,000
Electric Lines, Poles, Transformers, etc.		453	\$35,000	\$35,000
Bottom Hole Pump		454	\$8,000	\$8,000
Field Lines		456	\$7,500	\$7,500
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Separator & Fittings		458	\$10,500	\$10,500
Heaters, Treaters & Connections		459	\$12,000	\$12,000
Power & Circulating Pumps		460	\$2,500	\$2,500
Meters		463	\$23,000	\$23,000
Other Material & Equipment		469	\$45,000	\$45,000
Subtotal			\$366,500	\$366,500

## TOTAL WELL COST:

COMPANY APPROVAL

1,964,730	

7,427,590

PARTI	CIPANT	APPF	ROVAL
NAME:			

5,462,860

NAME: OGX RE By: Title: Enginee ng Manager Date:

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By: Title: Date: WI%:

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OGX Resources LLC P.O. Box 2064 • Midland, TX 79702 • (432) 685-1287 Fax (432) 685-7109

Certified Mail #7010 1870 0000 8950 4653

May 10, 2011

Marshalyn R. McGahey c/o Patrick McGahey 5400 Hopper Road Burleson, TX 76028

Re: Well Proposal Copperhead Fee A #1H Well <u>T-26-S, R-29-E, N.M.P.M.</u> Section 30: Lots 2 thru 4 Section 31: Lots 1 and 2 Containing 223.33 acres of land Eddy County, New Mexico

Dear Mr. McGahey:

According to the records of Eddy County, New Mexico, Mrs. McGahey owns unleased minerals under Lots 1 and 2 of Section 31, T-26-S, R-29-E, N.M.P.M.

OGX Resources LLC ("OGX") hereby proposes to drill the above referenced horizontal well at a surface hole location of 480' FSL and 480' FWL of Section 31 and a bottom hole location of 1650' FNL and 330' FWL of Section 30, all in T-26-S, R-29-E, N.M.P.M., Eddy County, New Mexico. This well will be drilled to a true vertical depth of 7,200' then horizontally approximately 5,139' to the bottom hole location, for a total measured depth of approximately 12,339' to adequately test the Avalon portion of the Bone Spring Formation. The proration unit for this well will be the Lots 2, 3, and 4 of Section 30 and Lots 1 and 2 of Section 31 or 183.57 acres of land.

Enclosed for your review is an AFE (in duplicate), showing the estimated drilling and completion costs for the subject well.

OGX invites you to participate in this well. If you wish to participate in the drilling of this well, please execute both copies of the AFE, after which return one copy to the undersigned. Upon receipt of the AFE, OGX will mail you an Operating Agreement for your execution covering Lots 1-4 of Section 30 and Lots 1 and 2 of Section 31, which will supersede all existing operating agreements, naming OGX as the Operator.

In the event you do not which to participate, OGX would be interested in obtaining an oil and gas lease from you under the following terms:

marshalynrmcgaheycopperheadfeca#1hwellproposal\_051011

Marshalyn R. McGahey Well Proposal Copperhead Fee A #1H Well April 11, 2011 Page 2

As to your mineral interest covering the Lots 1, 2, 3, NE/4NW/4, NW/4NE/4 of Section 31, T-26-S, R-29-E, N.M.P.M, being 5.555% (9.313333 net acres).

Term: Three (3) years Royalty: 20% Standard Lease Form Cash Consideration: \$700.00 per net mineral acre.

Please let us know within thirty (30) days from receipt of this letter if you (1) want to participate in the subject well, or (2) lease your unleased minerals. If you have any questions, please contact the undersigned.

Sincerely,

1

**OGX Resources LLC** 

Hunter Kennedy Landman

Enclosures

. . . . .

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete Items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>		A. Significitie X MUNICA Addressee B. Received by (Printed Name) C. Date of Delivery 5-/3-//
1. Article Addressed to:		D. Is delivery address different from item 1?  Yes If YES, enter delivery address below: No
Patrick McGahey 5400 Hopper Road		
Burleson, TX 76028		3. Service Type De Certified Mail Express Mail Registered Return Receipt for Merchandise Insured Mail C.O.D.
		4. Restricted Delivery? (Extra Fee)
2. Article Number (Transfer from service (abel)	2010	- JOOD 8950 4653
		um Receipt 102595-02-M-1540

