

# OGX Resources LLC

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June 13, 2011

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

Attn: Permian Land Manager

Re: Compulsory Pooling Order R-<sup>13407</sup>~~14637~~  
Copperhead "31" Federal Com Well No. 1H  
T-26-S, R-29-E, N.M.P.M.  
Section 30: SE $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$   
Section 31: Lot 7, NE $\frac{1}{4}$  NE $\frac{1}{4}$   
Eddy County, New Mexico

Gentlemen:

Pursuant to the State of New Mexico, Oil Conservation Division's Compulsory Pooling Order No. R-<sup>13407</sup>~~14637~~, Case No. <sup>13407</sup>~~14637~~ (a copy of which is enclosed), please find enclosed an AFE (in duplicate) for the drilling and completion of OGX Resources LLC's ("OGX") Copperhead "31" Federal Com #1H Well.

In the event your company desires to participate in the drilling and completion of the subject well, please sign both copies of the AFE, the joint operating agreement and extra signature page sent to you on March 9, 2011, after which return one copy of the AFE and the extra signature page to the joint operating agreement to the undersigned, along with your share of the estimated drilling and completion costs.

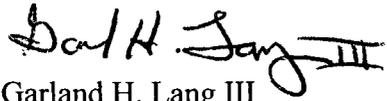
According to the above order, if the above requested information are not received within thirty (30) days of your receipt of this letter, your company will be considered a "non-consenting working interest owner" and will be subject to the penalties as stated in the order.

If you have any questions, please contact the undersigned.

Chesapeake Exploration LLC Well Proposal  
Copperhead "31" Federal Com #1H Well  
June 13, 2011  
Page 2

Sincerely,

OGX Resources LLC



Garland H. Lang III  
Land Manager

Enclosures

cc: State of New Mexico  
Attention: Ms. Jami Bailey  
Oil Conservation Division  
1220 South Francis Drive  
Santa Fe, New Mexico 87505

Mr. James C. Bruce  
Attorney At Law  
P.O. Box 1056  
Santa Fe, New Mexico 87504-1056

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 14637  
ORDER NO. R-13407

APPLICATION OF OGX RESOURCES LLC FOR A NON-STANDARD OIL  
SPACING AND PRORATION UNIT AND COMPULSORY POOLING, EDDY  
COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This case came on for hearing at 8:15 a.m. on April 28, 2011 and on May 26, 2011 at Santa Fe, New Mexico, before Examiner David K. Brooks.

NOW, on this 9<sup>th</sup> day of June, 2011, the Division Director, having considered the testimony, the record and the recommendations of the Examiner,

FINDS THAT:

(1) Due public notice has been given, and the Division has jurisdiction of this case and of the subject matter.

(2) OGX Resources LLC ("Applicant"), seeks approval of a non-standard 185.6-acre, more or less, oil spacing and proration unit and project area ("the Unit") in the Bone Spring formation consisting of the SE/4 NE/4 and E/2 SE/4 of Section 30, and Lot 7 and the NE/4 NE/4 (E/2 NE/4 equivalent) of Section 31, Township 26 South, Range 29 East, NMPM, in Eddy County, New Mexico. Applicant further seeks an order pooling all uncommitted interests in the Unit in the Bone Spring formation.

(3) The Unit is to be dedicated to Applicant's Copperhead 31 Federal Com. Well No. 1H ("the proposed well"), a horizontal well to be drilled from a standard surface location 480 feet from the South line and 480 feet from the East line (Lot 7 - Unit H) of Section 31. The well will penetrate the Bone Spring formation at a standard oil well location approximately 680 feet from the South line and 474 feet from the East line (Lot 7 - Unit H) of Section 31 and continue horizontally in the Bone Spring to a standard

terminus, or bottomhole location, 1650 feet from the North line and 330 feet from the East line (Unit H) of Section 30.

(4) This is a wildcat area in the Bone Spring formation. Accordingly, spacing is governed by statewide Rule 15.9.A [19.15.15.9.A NMAC], which provides for standard 40-acre units, each comprising a governmental quarter-quarter section or lot. The Unit consists of six adjacent standard spacing units.

(5) Applicant appeared at the hearing through counsel and presented geologic evidence by affidavit to the effect that:

(a) this area is suitable for development by horizontal drilling;

(b) all quarter-quarter sections or lots to be included in the Unit are expected to be productive in the Bone Spring, so that formation of the Unit as requested will not impair correlative rights.

(6) No other party appeared at the hearing, or otherwise opposed the granting of this application.

The Division concludes that:

(7) Approval of the proposed non-standard unit will enable Applicant to drill a horizontal well that will efficiently produce the reserves underlying the Unit, thereby preventing waste, and will not impair correlative rights.

(8) Two or more separately owned tracts are embraced within the Unit, and/or there are royalty interests and/or undivided interests in oil and gas minerals in one or more tracts included in the Unit that are separately owned.

(9) Applicant is an owner of an oil and gas working interest within the Unit. Applicant has the right to drill and proposes to drill the proposed well to a common source of supply within the Unit at the proposed location.

(10) There are interest owners in the Unit that have not agreed to pool their interests. There are, however, no unlocated owners in the Unit, and there is no evidence of a title dispute.

(11) To avoid the drilling of unnecessary wells, protect correlative rights, prevent waste and afford to the owner of each interest in the Unit the opportunity to recover or receive without unnecessary expense its just and fair share of hydrocarbons, this application should be approved by pooling all uncommitted interests, whatever they may be, in the oil and gas within the Unit.

(12) OGX Resources LLC should be designated the operator of the proposed well and of the Unit.

(13) Any pooled working interest owner who does not pay its share of estimated well costs should have withheld from production its share of reasonable well costs plus an additional 200% thereof as a reasonable charge for the risk involved in drilling the well.

(14) Reasonable charges for supervision (combined fixed rates) should be fixed at \$6,000 per month while drilling and \$600 per month while producing, provided that these rates should be adjusted annually pursuant to Section III.1.A.3. of the COPAS form titled "Accounting Procedure-Joint Operations."

**IT IS THEREFORE ORDERED THAT:**

(1) A non-standard 185.6-acre, more or less, wildcat oil spacing and proration unit (the Unit) is hereby established in the Bone Spring formation, consisting of the SE/4 NE/4 and E/2 SE/4 of Section 30, and Lot 7 and the NE/4 NE/4 (E/2 NE/4 equivalent) of Section 31, Township 26 South, Range 29 East, NMPM, in Eddy County, New Mexico.

(2) Pursuant to the application of OGX Resources LLC, all uncommitted interests, whatever they may be, in the oil and gas in the Bone Spring formation underlying the Unit, are hereby pooled.

(3) The Unit shall be dedicated to Applicant's Copperhead 31 Federal Com. Well No. 1H ("the proposed well"), a horizontal well to be drilled from a standard surface location 480 feet from the South and East lines (Lot 7 - Unit H) of Section 31. The well will penetrate the Bone Spring formation at a standard oil well location approximately 680 feet from the South line and 474 feet from the East line (Lot 7 - Unit H) of Section 31 and continue horizontally in the Bone Spring to a standard terminus, or bottomhole location, 1650 feet from the North line and 330 feet from the East line (Unit H) of Section 30.

(4) The operator of the Unit shall commence drilling the proposed well on or before June 15, 2012, and shall thereafter continue drilling the well with due diligence to test the Bone Spring formation.

(5) In the event the operator does not commence drilling the proposed well on or before June 15, 2012, Ordering Paragraphs (1) and (2) shall be of no effect, unless the operator obtains a time extension from the Division Director for good cause demonstrated by satisfactory evidence.

(6) Should the proposed well not be drilled and completed within 120 days after commencement thereof, then Ordering Paragraphs (1) and (2) shall be of no further effect, and the unit and project area created by this order shall terminate, unless operator appears before the Division Director and obtains an extension of the time for completion of the proposed well for good cause shown by satisfactory evidence. If the proposed well is not completed in all of the quarter-quarter sections or lots included in the proposed unit within 120 days after commencement of drilling, then the operator shall apply to the

Division for an amendment to this Order to contract the Unit so that it includes only those quarter-quarter sections or lots in which the well is completed.

(7) Upon final plugging and abandonment of the proposed well and any other well drilled on the Unit pursuant to Division Rule 13.9 [19.15.13.9 NMAC], the pooled unit created by this Order shall terminate, unless this order has been amended to authorize further operations.

(8) OGX Resources LLC (OGRID 217955) is hereby designated the operator of the well and of the Unit.

(9) After pooling, uncommitted working interest owners are referred to as pooled working interest owners. ("Pooled working interest owners" are owners of working interests in the Unit, including unleased mineral interests, who are not parties to an operating agreement governing the Unit.) After the effective date of this order, the operator shall furnish the Division and each known pooled working interest owner in the Unit an itemized schedule of estimated costs of drilling, completing and equipping the proposed well ("well costs").

(10) Within 30 days from the date the schedule of estimated well costs is furnished, any pooled working interest owner shall have the right to pay its share of estimated well costs to the operator in lieu of paying its share of reasonable well costs out of production as hereinafter provided, and any such owner who pays its share of estimated well costs as provided above shall remain liable for operating costs but shall not be liable for risk charges. Pooled working interest owners who elect not to pay their share of estimated well costs as provided in this paragraph shall thereafter be referred to as "non-consenting working interest owners."

(11) The operator shall furnish the Division and each known pooled working interest owner (including non-consenting working interest owners) an itemized schedule of actual well costs within 90 days following completion of the proposed well. If no objection to the actual well costs is received by the Division, and the Division has not objected, within 45 days following receipt of the schedule, the actual well costs shall be deemed to be the reasonable well costs. If there is an objection to actual well costs within the 45-day period, the Division will determine reasonable well costs after public notice and hearing.

(12) Within 60 days following determination of reasonable well costs, any pooled working interest owner who has paid its share of estimated costs in advance as provided above shall pay to the operator its share of the amount that reasonable well costs exceed estimated well costs and shall receive from the operator the amount, if any, that the estimated well costs it has paid exceed its share of reasonable well costs.

(13) The operator is hereby authorized to withhold the following costs and charges from production:

- (a) the proportionate share of reasonable well costs attributable to each non-consenting working interest owner; and
- (b) as a charge for the risk involved in drilling the well, 200% of the above costs.

(14) The operator shall distribute the costs and charges withheld from production, proportionately, to the parties who advanced the well costs.

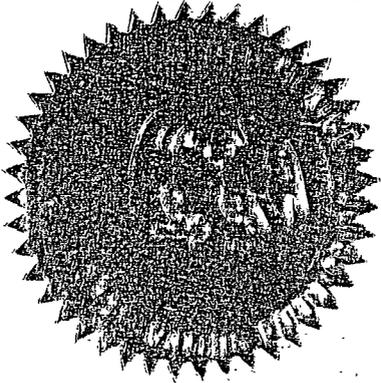
(15) Reasonable charges for supervision (combined fixed rates) are hereby fixed at \$6,000 per month while drilling and \$600 per month while producing, provided that these rates shall be adjusted annually pursuant to Section III.1.A.3. of the COPAS form titled "*Accounting Procedure-Joint Operations.*" The operator is authorized to withhold from production the proportionate share of both the supervision charges and the actual expenditures required for operating the well, not in excess of what are reasonable, attributable to pooled working interest owners.

(16) Should all the parties to this compulsory pooling order reach voluntary agreement subsequent to entry of this order, this order shall thereafter be of no further effect.

(17) The operator of the well and Unit shall notify the Division in writing of the subsequent voluntary agreement of all parties subject to the forced pooling provisions of this order.

(18) Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



SEAL

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

A handwritten signature in black ink, appearing to read "Jami Bailey", written in a cursive style.

JAMI BAILEY  
Director

**OGX RESOURCES LLC**  
AUTHORIZATION FOR EXPENDITURE

DATE: 2/9/11

OGX AFE No.:  
AFE Title: **Avalon Horizontal (5800' Lateral)**  
Well Name & No.: **COPPERHEAD 31 FED COM #1H**

Field: **DELAWARE RIVER SOUTH - BONE SPRING**  
County: **EDDY**

State: **NEW MEXICO**

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

Oil: **XX** GAS  
Proposed Depth: **7200 TVD / 13,000' MD**

|  | MAJ | SUB | DRY HOLE    | MAJ | COMPLETION  | TOTAL       |
|--|-----|-----|-------------|-----|-------------|-------------|
| <b>DEVELOPMENTAL DRILLING:</b>         |     |     |             |     |             |             |
| Turnkey                                | 725 | 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         |     | \$2,750,000 | \$2,750,000 |
| 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    |     | \$10,000    | \$28,000    |
| 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   |     | \$302,160   | \$438,840   |
| Subtotal                               |     |     | \$1,845,180 |     | \$4,079,160 | \$5,924,340 |

**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" @ 13,000' |     | 443 | \$0       |     | \$280,000 | \$280,000 |
| Drilling Liner                     |     | 450 | \$0       |     | \$0       | \$0       |
| Production Liner                   |     | 460 | \$0       |     | \$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 |     | \$357,500 | \$477,050 |

**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                      |     |     |  |  | \$71,500 | \$71,500 |

**ONSHORE FACILITIES**

|   |     |     |  |  |           |           |
|---|-----|-----|--|--|-----------|-----------|
| 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   |
| 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 4,874,660 6,839,390

**COMPANY APPROVAL**

NAME: **OGX RESOURCES LLC**  
By:   
Title: **Manager**  
Date: **10-Mar-11**

**PARTICIPANT APPROVAL**

NAME: \_\_\_\_\_  
By: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_  
WI%: \_\_\_\_\_