

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, 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-101  
June 16, 2008

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

**RECEIVED**  
SEP 28 2009  
HOBBSOCD

Submit to appropriate District Office

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN,  
PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address ConocoPhillips Company P.O. Box 51810 Midland, Texas 79710-1810		<sup>2</sup> OGRID Number 217817
		<sup>3</sup> API Number 30 - 025-39220
<sup>3</sup> Property Code 31798	<sup>5</sup> Property Name State A-3	<sup>6</sup> Well No 8
<sup>9</sup> Proposed Pool 1 Skaggs Abo (Gas) 85410		<sup>10</sup> Proposed Pool 2

**Surface Location**

UL or lot no P	Section 3	Township 20S	Range 37E	Lot Idn	Feet from the 660	North/South line South	Feet from the 385	East/West line East	County Lea
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**Proposed Bottom Hole Location If Different From Surface**

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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**Additional Well Information**

<sup>11</sup> Work Type Code R A	<sup>12</sup> Well Type Code G/O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3602'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 7613	<sup>18</sup> Formation ABO	<sup>19</sup> Contractor Nabors	<sup>20</sup> Spud Date 11/06/2008

**Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.25"	8.625"	24#	1454'	680	Surface
7.875"	5.5"	17	7613	1250	Surface

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

This well is a currently producing in the Bluebry/Tubb producer. COP would like to test the ABO formation per the attached procedure with the potential to DHC all zones at some point. Please see the attached procedure for specific information.

Conditions of Approval to drill & test all new zones separately but cannot produce Downhole commingle until DHC is approved in Hobbs District office according to R-11363.

**Permit Expires 2 Years From Approval  
Date Unless Drilling Underway  
Plugback**

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief

Signature:

Printed name: Justin C. Firkins

Title: Regulatory Specialist

E-mail Address: justin.c.firkins@conocophillips.com

Date: 09/25/2009

Phone: 432-688-6913

**OIL CONSERVATION DIVISION**

Approved by:

Title:

**PETROLEUM ENGINEER**

Approval Date:

SEP 29 2009

Expiration Date

Conditions of Approval Attached ☐

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-39220 ✓	<sup>2</sup> Pool Code 85410	<sup>3</sup> Pool Name Skaggs: Abo (gas) ✓
<sup>4</sup> Property Code 31798 ✓	<sup>5</sup> Property Name State A-3 ✓	<sup>6</sup> Well Number 8 ✓
<sup>7</sup> OGRID No. 217817 ✓	<sup>8</sup> Operator Name ConocoPhillips Company ✓	<sup>9</sup> Elevation 3602' GR

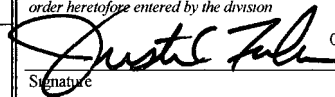

<sup>10</sup> Surface Location

UL or lot no. P	Section 3	Township 20S	Range 37E	Lot Idn	Feet from the 660	North/South line South	Feet from the 385	East/West line East	County Lea, NM ✓
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

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.

<sup>3</sup>						<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</i>  Signature Date 09/25/2009 Justin C. Firkins Printed Name
						<sup>18</sup> SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey Signature and Seal of Professional Surveyor  Certificate Number

## Williams, Donna J

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**From:** Conch, Adam J  
**Sent:** Wednesday, August 12, 2009 2:46 PM  
**To:** Williams, Donna J  
**Subject:** State A 3 # 8 Notice of Intent

Donna,

Below is the intended procedure for the State A 3 # 8. This is the well we are considering for downhole commingle with the Blinebry/Tubb (currently producing) and Abo (planning to test). If you remember, this is the well that already has perfs in the Abo, yet was apparently not permitted for such. Please let me know if this will be satisfactory.

It is proposed to perforate and test the Abo for the purpose of potential downhole commingle by the following procedure:

1. POOH with production equipment (tubing and rods)
2. TIH with 4 3/4" bit on 2 7/8" workstring (production tubing).
3. RU reverse unit and power swivel.
4. Drill out CIBP at 6900' +/- and clean well out to 7571'. RD reverse unit and power swivel.
5. TOOH with 4 3/4" bit and workstring.
6. RIH with gamma ray and perforating guns and correlate to previous logs.
7. Perforate the Abo over the following intervals at 2 SPF:

Top:	Btm:
7131	7135
7139	7145
7276	7280
7318	7321
7356	7361
7380	7385
7394	7399
7432	7436
7498	7501
7511	7518
7530	7537

8. POOH with gamma ray and perforating guns.
9. TIH with packer and 2 7/8", 6.5#, J-55 production tubing. Set packer at 7100' +/-.
10. Produce the Abo until representative production sample is attained.
11. Following Abo test, unset packer and POOH with packer and tubing.
12. TIH with 2 7/8" workstring and set 5 1/2" CIBP at 7000' +/- POOH with 2 7/8" workstring.
13. TIH with production equipment (tubing and rods) as per WellView design.
14. Return well to production.

Please let me know if you need anything else.

Thanks,

Adam J. Conch  
Production Engineer  
ConocoPhillips - Permian Basin  
Office: (432)-368-1929  
Cell: (432)-213-2927  
Fax: (432)-368-1519  
Email: Adam.J.Conch@ConocoPhillips.com