

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

May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

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

Operator Name and Address ConocoPhillips Company P. O. Box 51810 Midland, TX 79710-1810		217817	OGRID Number
		30 025-28179	API Number
Property Code 31470	Property Name State E	Well No. 11	
Proposed Pool 1 Arrowhead; Grayburg, SW (#97518)		Proposed Pool 2	

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Westline	County
O	17	22S	36E		330	South	2310	East	Lea

8 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/Westline	County

Additional Well Information

Work Type Code A	Well Type Code O	Cable/ Rotary	Lease Type Code S	Ground Level Elevation 3557'
Multiple	Proposed Depth 3586-3660'	Formation Grayburg	Contractor	Spud Date 07/30/2007
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mil thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____ Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	28#, H-40	907'	409sx	
7-7/8"	5-1/2"	15.5#, K-55	3950'		

22 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.

Request authority to add perforations within the Grayburg @ 3586-3660'. Sundries submitted concurrently to add Queen and Seven Rivers perforations with the existing Eunice; Seven Rivers-Queen, S. completion with the intent to downhole commingle the Grayburg-Seven Rivers-Queen Pools. Work to include the use of steel pits, therefore, a pit permit will not be applicable.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Adding

Oil Conservation Division

Conditions of approval: Approval for drilling ONLY
-- CANNOT produce Downhole Commingled until
DHC is approved in Santa Fe.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

OIL CONSERVATION DIVISION

Approved by: 

Title:

Approval Date:

Expiration Date:

Printed name: Celeste G. Dale

Title: Regulatory Specialist

E-mail Address: celeste.g.dale@conocophillips.com

Date: 07/25/2007

Phone: (432)688-6884

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

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**

API Number 30-025-28179		Pool Code 97518	Pool Name Arrowhead; Grayburg, SW
Property Code 31470	Property Name State E		Well Number 11
OGRID No. 217817	Operator Name ConocoPhillips Company		Elevation 3557' GL

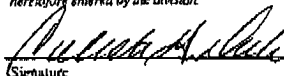
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	17	22S	36E	330		South	2310	East	Lea

¹¹ 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				
<table border="1"> <tr> <td>" Dedicated Acres 40</td> <td>" Joint or Infill</td> <td>" Consolidation Code</td> <td>" Order No.</td> </tr> </table>										" Dedicated Acres 40	" Joint or Infill	" Consolidation Code	" Order No.
" Dedicated Acres 40	" Joint or Infill	" Consolidation Code	" 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.

16					¹⁷ OPERATOR CERTIFICATION 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.  Signature Date 07/25/2007 Celeste G. Dale Printed Name
18					SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor Certificate Number

Submit 3 Copies To Appropriate District
OfficeState of New Mexico
Energy, Minerals and Natural Resources

May 27, 2004

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87505OIL CONSERVATION DIVISION
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WELL API NO.	30-025-28179
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. B-1536	
7. Lease Name or Unit Agreement Name State E	
8. Well Number 11	
9. OGRID Number 217817	
10. Pool name or Wildcat Arrowhead; Grayburg, SW (#97518)	

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 ☐2. Name of Operator
ConocoPhillips Company (#217817)3. Address of Operator P. O. Box 51810
Midland, TX 79710-18104. Well Location
Unit Letter O : 330 feet from the South line and 2310 feet from the East line
Section 17 Township 22S Range 36E NMPM County Lea11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3557' GL, 3570.75' KBPit or Below-grade Tank Application ☐ or Closure ☐

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 _____

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: Downhole commingle ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐

OTHER: ☐

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.

Request authority to downhole commingle the Grayburg with the Queen and Seven Rivers (Eunice; Seven-Rivers-Queen, S.) (Sundry & C-101 concurrently submitted to add perforations within these intervals).

Oil Conservation Division

Conditions of approval: Approval for drilling ONLY
 -- CANNOT produce Downhole Commingled until
 DHC is approved in Santa Fe.

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 NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.SIGNATURE *Celeste G. Dale*

TITLE Regulatory Specialist

DATE 07/25/2007

Type or print name Celeste G. Dale

E-mail address: cclcste.g.dale@conocophillips.com Telephone No. (432)688-6884

For State Use Only

JUL 25 2007

APPROVED BY: *[Signature]*

TITLE

DATE

Conditions of Approval (if any):

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87505

OIL CONSERVATION DIVISION
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WELL API NO.	30-025-28179
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B-1536
7. Lease Name or Unit Agreement Name	State E
8. Well Number	11
9. OGRID Number	217817
10. Pool name or Wildcat	Eunice; Seven Rivers-Queen, S. (#24130)

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3557' GL, 3570.75' KB

Pit or Below-grade Tank Application ☐ or Closure ☐

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 _____

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Add perforations, downhole commingle ☒

OTHER: ☐

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.

Request authority to add perforations within the Queen (3308-3325' & 3378-3394') and Seven Rivers (2995-3020') with the intent to downhole commingle.

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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 Celeste G. Dale TITLE Regulatory Specialist DATE 07/25/2007

Type or print name Celeste G. Dale
For State Use Only

E-mail address: cceleste.g.dale@conocophillips.com Telephone No. (432)688-6884

APPROVED BY: [Signature] TITLE _____ DATE _____
Conditions of Approval (if any): _____

JUL 25 2007