

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

*Handwritten:* Form 3160-5

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

**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.**

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1 Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>LC 057210</b>
2 Name of Operator <b>ConocoPhillips Company ATTN: Donna Williams</b>		6. If Indian, Allottee or Tribe Name
3a Address <b>P.O. Box 51810 Midland, Texas 79710-1810</b>	3b. Phone No (include area code) <b>432-688-6884</b>	7. If Unit or CA/Agreement, Name and/or No.
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Unit K, 2,197' FSL &amp; 2,255' FWL, Section 27, T-17-S, R-32-E</b>		8. Well Name and No. <b>MCA Unit #387</b>
		9. API Well No. <b>30-025-11184 35142</b>
		10. Field and Pool, or Exploratory Area <b>Maljamar (Grayburg - San Andres)</b>
		11. County or Parish, State <b>Lea, New Mexico</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input 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 recompleat 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

See attached current and proposed wellbore diagrams

MIRU pulling unit, POOH w/ packer

RU cementer, establish circulation down the 5-1/2 production casing and up the 5-1/2 x 8-5/8 annulus, - Then window @ 1029-1053

Circulate cmt down 5-1/2 and up the 5-1/2 x 8-5/8 annulus (~115 sx C cmt)

Shut the 5-1/2 x 8-5/8 annulus valve, and pump ~355 sx C cmt down the 5-1/2 production casing 0 - 3,558' - Verify inj. rate prior to pumping cmt.

Top off wellbore w/ cmt if needed

*RIH and Tag Top.*

**RECEIVED**

MAY 20 2009

**HOBBSOCD**

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) **Chris Blanton** Title **Engineering Technician - Basic Energy Services 432.687.1994**

Signature *Chris Blanton* Date **04/20/2009**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by *[Signature]* Title **DISTRICT 1 SUPERVISOR** Date **MAY 2 2009**

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 **JAMES A. AMOS**  
SUPERVISOR-EPS

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)

**WELLBORE SKETCH**  
**ConocoPhillips Company - Lower 48 - Mid-Continent BU / Permian Operations**

Date. March 23, 2009

RKB @ 3981'  
 DF @ 3980'  
 GL @ 3969'

Subarea Buckeye  
 Lease & Well No. MCA Unit No. 387  
 Legal Description 2197 FSL & 2255' FWL, Sec. 27, T17S, R32E, UL "K"  
 County Lea State New Mexico  
 Field Maljamar (Grayburg-San Andres)  
 Date Spudded 9/6/00 Rig Released 9/17/00  
 API Number 30-025-35142  
 Status State Lease No. LC-057210

**Stimulation History:**

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
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PKR @ 910'  
 Top Salt @ 960'  
 11-3/4" @ 1037'  
 Cmt'd w/525 sx Class C, circ 130 sx to pit  
 TOC @ Surface  
 csg window from 1,029 - 1,053'

TOC 5-1/2" Csg @ 1300' (Calculated)

11" Hole  
 8-5/8" 24# J-55 @ 2187'  
 Cmt'd w/ 515 sx, circ 136 sx to pit  
 TOC @ Surface

Base Salt @

**Left-in-Hole:**

Quantity	Length: ft	Description	OD. in	ID in	Depth RKB top	btm
1	9.37	PBR (OD 4.250 in., ID 3.000 in.)	4.3	3	1040	1049
1	5.64	HyFlo II Liner Hanger (OD 4.5 in., ID: 3.000 in.)	4.5	3	1049	1055
1	1.62	XO. 3-1/2" (NU 10 rd box) x 3-1/2" (CSH pin)	4.2	3	1055	1057
74.5	2323	3-1/2", 9.3# CSH Tbg (liner) chemical cut @ 3380	3.5	3	1057	3380

Following is below 3600 ft

Quantity	Length: ft	Description	OD in	ID in	Footage
14.5	435	3-1/2", 9.3# CSH Tbg (liner)	3.5	3	435
1	1.6	Landing Collar 3-1/2" OD Type 2	3.9	3	437
1	31.26	3-1/2", 9.3# CSH Tbg (liner)	3.5	3	468
1	1.1	3-1/2" OD Single-Valve Float Collar	3.9	3	469
1	31.29	3-1/2", 9.3# CSH Tbg (liner)	3.5	3	500
1	1.65	3-1/2" OD Double-Valve Float Shoe	3.9	3	502

Kick-Off Pt' 3558'  
 Max DLS 17.5 Deg

7-7/8" Hole  
 5-1/2" 17# K-55 LT&C @ 3945' (MD) 3880' (TVD)  
 Cmt'd w/ 380 sx  
 TOC @ 1300' (Calculated)  
 Angle @ Shoe 60.71 Deg

4-3/4" Hole **HORIZONTAL HOLE from 3522' to 4499'**

**Formation Tops:**

Rustler	Permian Grayburg Upper	3594'
Top Salt	Permian Grayburg Middle	3671'
Tansil	Permian Grayburg Lower	3807'
Yates 2595'	Grayburg Zone 6	3889'
Seven Rivers		
Queen 3235'		

PBTD @  
 TD @ 3988'

**PROPOSED WELLBORE SKETCH**  
**ConocoPhillips Company - Lower 48 - Mid-Continent BU / Permian Operations**

Date March 23, 2009

RKB @ 3981'  
 DF @ 3980'  
 GL @ 3969'

Subarea Buckeye  
 Lease & Well No MCA Unit No. 387  
 Legal Description 2197 FSL & 2255' FWL, Sec. 27, T17S, R32E, UL "K"  
 County Lea State New Mexico  
 Field Maljamar (Grayburg-San Andres)  
 Date Spudded 9/6/00 Rig Released 9/17/00  
 API Number 30-025-35142  
 Status Proposed Plugged State Lease No. LC-057210

**Stimulation History:**

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
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PKR @ 910'  
 Top Salt @ 960'  
 11-3/4" @ 1037'  
 Cmt'd w/525 sx Class C, circ 130 sx to pit  
 TOC @ Surface  
 csg window from 1,029 - 1,053'

TOC 5-1/2" Csg @ 1300' (Calculated)

**Proposed Plugs**



- 1 Establish injection rate from surface
- 2 Squeeze/circulate 115 sx C cmt from the surface to 1,053' (between the 5-1/2 x 8-5/8" casing annulus)
- 3 Pump 355 sx C cmt down the 5-1/2" casing 0 - 3,558'
- 4 Top off wellbore if needed

11" Hole  
 8-5/8" 24# J-55 @ 2187'  
 Cmt'd w/ 515 sx, circ 136 sx to pit  
 TOC @ Surface

Base Salt @

**Left-in-Hole:**

Quantity	Length: ft	Description	OD in	ID in	Depth RKB top	blm
1	9.37	PBR (OD 4 250 in.; ID 3 000 in.)	4 3	3	1040	1049
1	5 64	HyFlo II Liner Hanger (OD 4 5 in.; ID 3 000 in.)	4 5	3	1049	1055
1	1 62	XO 3-1/2" (NU 10 rd box) x 3-1/2" (CSH pin)	4 2	3	1055	1057
74 5	2323	3-1/2", 9 3# CSH Tbg (liner) chemical cut @ 3380	3 5	3	1057	3380
Following is below 3600 ft						
Quantity	Length: ft	Description	OD in	ID in	Footage	
14 5	435	3-1/2", 9 3# CSH Tbg (liner)	3 5	3	435	
1	1 6	Landing Collar 3-1/2" OD Type 2	3 9	3	437	
1	31 26	3-1/2", 9 3# CSH Tbg (liner)	3 5	3	468	
1	1 1	3-1/2" OD Single-Valve Float Collar	3 9	3	469	
1	31 29	3-1/2", 9 3# CSH Tbg (liner)	3 5	3	500	
1	1 65	3-1/2" OD Double-Valve Float Shoe	3 9	3	502	

Kick-Off Pt 3558'  
 Max DLS 17.5 Deg

7-7/8" Hole  
 5-1/2" 17# K-55 LT&C @ 3945' (MD) 3880' (TVD)  
 Cmt'd w/ 380 sx  
 TOC @ 1300' (Calculated)  
 Angle @ Shoe 60 71 Deg

4-3/4" Hole

HORIZONTAL HOLE from 3622' to 4499'

**Formation Tops:**

Rustler  
 Top Salt  
 Tansil  
 Yates 2595'  
 Seven Rivers  
 Queen 3235'

Permian Grayburg Upper 3594'  
 Permian Grayburg Middle 3671'  
 Permian Grayburg Lower 3807'  
 Grayburg Zone 6 3889'

PBTD @  
 TD @ 3988'

**BUREAU OF LAND MANAGEMENT**  
**Carlsbad Field Office**  
**620 East Greene Street**  
**Carlsbad, New Mexico 88220**  
**575-234-5972**

**Permanent Abandonment of Federal Wells**  
**Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

**If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed prior to commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.