

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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

5. Lease Serial No.
LC 029410B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
MCA Unit

8. Well Name and No.
MCA Unit #107

9. API Well No.
30-025-00769

10. Field and Pool, or Exploratory Area
Maljamar Grayburg-San Andres

11. County or Parish, State
Lea, New Mexico

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well ☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator **ConocoPhillips Company ATTN: Celeste Dale**

3a. Address
4001 Penbrook, Odessa, Texas 79762

3b. Phone No. (include area code)
432-368-1244

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL & 1,980' FEL, Section 30, T-17-S, R-32-E

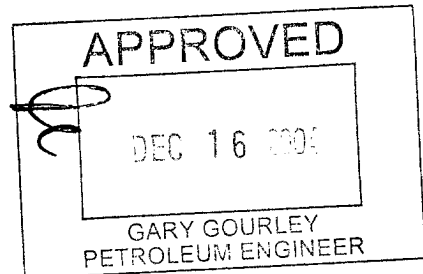
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 recomplete 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 recompletion 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 wellbore diagrams & plugging procedure.

APPROVED FOR 3 MONTH PERIOD
ENDING 3-16-04



**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

James F. Newman, P.E.

Title **Engineer, Triple N Services, Inc. 432-687-1994**

Signature

Date

12/06/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

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)

GWW

WELLBORE SKETCH

ConocoPhillips Company - Permian Basin Business Unit

Date: October 26, 2004

RKB @
DF @ 3920'
GL @

Subarea: Maljamar
Lease & Well No.: MCA Unit No. 107W
Legal Description: 660' FNL & 1980' FEL, Sec. 30, T-17-S, R-32-E
County: Lea State: New Mexico
Field: Maljamar (Grayburg-San Andres)
Date Spudded: September 27, 1940 IPP:
API Number: 30-025-00769
Status: Temporarily Abandoned

N/A Hole Size

Top Salt @ 830'
8 24# OD @ 878' w/ 50 sx,
sqz'd w/ 82 sx, circulated

Base Salt @ 1805'

TOC @ 2114' (Est.)

RBP @ 3400'
7" 20# @ 3,414' w/ 100 sx

OH 3660-3685 - Shot w/50 Qts

6-1/4" Hole

OH 3414 - 4010

PBTD @ 3400'
OTD @ 3712'
NTD @ 4010'

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
OH 3660-3685	11/26/40	Nitroglycerin	50 Quarts		3-1/2" Shells		
	9/20/45	Deepened from 3712' to 3976'					
	5/1/63	Unitized as MCA Unit No. 107					
	2/8/68	Converted to water injection					
	1/25/69	Cleanout from 3651' to 3976'					
	6/22/71	Jet shot 3660'-3685'					
	6/23/71	Deepen from 3980' to 4010' w/6-1/2" bit					
OH 3905-4010	6/24/71	15% Acid	5,000	450#RS	2600	2300	4.5
	2/11/82	CO to TD w/Hydrostatic bailer					
		Hit small bridge @ 3998'					
	1/1/88	Shut in to backflow to relieve pressure					
	10/18/88	Backflowing 950 BWPD @ 225 psig surface pressure					
	11/1/88	Placed back on injection					
	11/2/90	Run injection profile					
		Major fluid loss from 3530'-3550'. Approximately 15% going below TD 3659'.					
	3/12/90	Run casing integrity test					
	12/14/90	Shut in for engineering evaluation					
	5/15/92	RBP set at 3400'					
	6/23/92	BLM Sundry Notice request approval to temporarily abandon					
	5/7/04	BLM Sundry Notice TA expires 5/18/05					
	10/26/04	Prepare Application for Abandonment of Well					

ConocoPhillips

Proposed Plugging Procedure

MCA Unit #107W

API #42-025-00769

Maljamar Grayburg San Andres Field

Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

RBP @ 3,400' (set May, 1992). 7" 20# casing @ 3,414', estimated TOC 2,114'; 8 5/8" csg @ 878' w/ 50 sx, sqz'd w/ 82 sx (1983), TOC surface. SALT: 830 - 1,805'

- Notify NMOCD & BLM 48 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
 - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed. Deliver 3,400' 2 3/8" workstring.
 2. MIRU plugging equipment. ND wellhead and NU 6" hydraulic BOP.
 3. RIH w/ 2 3/8" workstring to RBP @ 3,400'. RU cementer and circulate hole w/ mud, pump 25 sx C cmt on CICR (1.32 ft³/sk yield, 33.0 ft³ slurry volume, 145' calculated fill) 3,400 – 3,255'. POOH w/ tbg. **GBSA Plug**
 4. RU lubricator and RIH w/ wireline, perforate 7" casing w/ four 1-11/16" link-jet charges @ 1,905'. POOH w/ wireline, RD lubricator.
 5. RIH w/ 7" AD-1 packer to 1,700'. Load hole, set packer, and establish rate into perforations at 1,000 psi or less, squeeze 50 sx C cement w/ 2% CaCl₂ (1.32 ft³/sk yield, 66.0 ft³ slurry volume, 185' estimated fill) 1,905 – 1,805'. POOH w/ packer. If unable to establish rate, pump 25 sx C cmt balanced plug @ 1,975'. WOC and tag this plug no deeper than 1,805'.
Base of salt plug
 6. RU lubricator and RIH w/ wireline, perforate 7" casing w/ four 1-11/16" link-jet charges @ 928'. POOH w/ wireline, RD lubricator.
 7. RIH w/ 7" AD-1 packer to 500'. Load hole, set packer, and establish rate into perforations at 1,000 psi or less, squeeze 65 sx C cement w/ 2% CaCl₂ (1.32 ft³/sk yield, 85.8 ft³ slurry volume, 246' estimated fill) 928 – 700'. POOH w/ packer. If unable to establish rate, pump 25 sx C cmt balanced plug @ 978'. WOC and tag this plug no deeper than 700'. **Top of salt & surface casing shoe plug**
 8. SI BOP and pressure-test casing 700' to surface to 500 psi. If casing does not test, isolate holes in casing prior to perforating.
 9. RU lubricator and RIH w/ wireline, perforate 7" casing w/ four 1-11/16" link-jet charges @ 400'. POOH w/ wireline, RD lubricator.
 10. If casing tested, SI BOP and establish rate thru perforations. NU BOP and circulate 110 sx C cement (1.32 ft³/sk yield, 145 ft³ slurry volume, 406' estimated fill) 400' to surface. If unable to establish rate, pump 25 sx C cmt balanced plug @ 450'.

11. SI well, RDMO.

12. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash. Clean steel pit and dispose of bottoms.

PROPOSED PLUGGED WELLBORE SKETCH
ConocoPhillips Company -- Permian Basin Business Unit

Date: December 6, 2004

RKB @ _____
DF @ 3920'
GL @ _____

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Lease & Well No. : MCA Unit No. 107W
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8 24# OD @ 878' w/ 50 sx sqz'd w/ 82 sx, circulated

65 sx C cmt sqz'd 928 - 780' - WOC & TAG

Base Salt @ 1805'

50 sx C cmt sqz'd 1,905 - 1,805' - WOC & TAG

TOC @ 2114' (Est.)

25 sx C cmt on RBP 3,400 - 3,255'

RBP @ 3400'

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6-1/4" Hole

OH 3414 - 4010

PBTD @ 3400'
OTD @ 3712'
NTD @ 4010'



PROPOSED PLUGGING PROCEDURE

- 1) 25 sx C cmt on RBP 3,400 - 3,255'
- 2) 50 sx C cmt sqz'd 1,905 - 1,805' - WOC & TAG
- 3) 65 sx C cmt sqz'd 928 - 780' - WOC & TAG
- 4) 110 sx C cmt sqz'd 400' - surface