

Form 3160-5  
(April 2004)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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  
☐ 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' FSL & 1,980' FWL, Section 30, T-17-S, R-32-E, Unit Letter N

5. Lease Serial No.  
LC 029410B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
8920003410

8. Well Name and No.  
MCA Unit #217

9. API Well No.  
30-025-00774

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

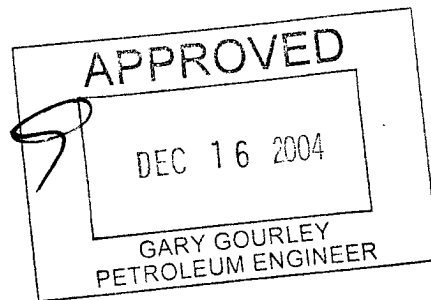
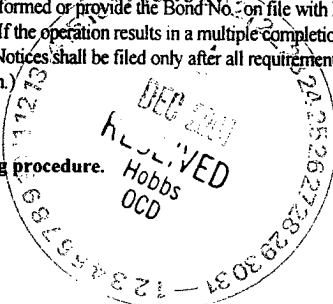
11. County or Parish, State  
Lea, New Mexico

**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 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.



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

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.

Title

Date

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: December 6, 2004

RKB @  
DF @ 3883'  
GL @

Subarea : Maljamar  
Lease & Well No. : MCA Unit No. 217W  
Legal Description : 660' FSL & 1980' FWL, Sec. 30, T-17-S, R-32-E  
County : Lea State : New Mexico  
Field : Maljamar (Grayburg-San Andres)  
Date Spudded : Nov. 16, 1949 IPP:  
API Number : 30-025-00774  
Status : Temporarily Abandoned  
Drilled as Simon B No. 6

## Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
OH 3822-3883	1/16/50	Nitroglycerin	90 Quarts		3" Shells			
OH 3883-3929	1/16/50	Nitroglycerin	90 Quarts		3-1/2" Shells			
OH 3929-3969	1/16/50	Nitroglycerin	40 Quarts		2-1/2" S shells			
OH 3969-3984	1/16/50	Nitroglycerin	30 Quarts		3-1/2" Shells			
OH 3984-3990	1/16/50	Nitroglycerin	6' Gravel					
OH 3822-3984	12/6/57	Lease Crude (LC)	20,000	30,000				
	5/1/63	Unitized - renumbered MCA Unit No. 217						
	1/31/68	Converted to water injection well						
	2/9/69	Deepen to 4033' w/6-1/4" D.C.						
	11/14/69	Run Injection Profile - No channeling						
	9/15/72	Deepen to 4100'						
OH 4022-4100	9/18/72	28% NE	2,000		2000	1650		
	9/19/72	Run 4-1/2" csg set @ 3790', cmt w/275 sx						
	9/29/83	CO w/coil tbg to 3964' survey incomplete						
	5/6/84	Tight spot in 4-1/2" csg @ 3691'						
	5/8/84	RIH w/4-1/2" csg scraper						
	11/4/89	CO w/coil tbg f/3657-3791						
	7/3/91	Mill 3715-3855, metal in returns. Jet wash to 3858'						
	7/8/91	DO to 4100', bad csg @ 3725'						
	7/9/91	Clean up tight spot 3720-3790'						
	4/19/96	Set cement retainer @ 3605', lay down tbg. Flange well up w/6' sub.						
	5/8/96	BLM Sundry Notice filed to temporarily abandon						
	5/7/04	BLM Sundry Notice for TA expires 5/11/05						
	10/25/04	Prepare Application for Abandonment of Well						

N / A Hole Size

8-5/8" 24# @ 995' w/ 50 sx cmt  
Top Salt @ 1,000' (Est.)

Base Salt @ 1,985'

4-1/2" TOC @ 2,100', calculated

7" TOC @ 2,600'

7" 20# @ 3581' w/ 100 sx

Cmt Retainer @ 3605'  
Bad csg @ 3725'  
4-1/2" 9.5# @ 3790'  
Cmt'd w/275 sx; TOC @ 2100' (Est.)  
6-1/4" Hole  
3822-3883 - 90 Qts  
3883-3929 - 90 Qts  
3929-3969 - 40 Qts  
3969-3984 - 30 Qts  
3984-3990 - Gravel

PBTD @ 3605'  
OTD @ 3990'  
NTD @ 4100'

## ConocoPhillips

### Proposed Plugging Procedure

MCA Unit #217W

API #42-025-00774

Maljamar Grayburg San Andres Field

Lea County, New Mexico

#### See attached wellbore diagrams for wellbore configuration

4½" cmt retainer @ 3,605' (set April, 1996). 7" 20# casing @ 3,581', estimated TOC 2,600'; 8½" csg @ 995' w/ 50 sx, TOC surface (?). SALT: 1,000 - 1,985'

- 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 3,700' 2¾" workstring.
  2. MIRU plugging equipment. ND wellhead and NU 6" hydraulic BOP.
  3. RIH w/ stinger for Baker cement retainer on 2¾" workstring to cement retainer @ 3,605'. RU cementer and circulate hole w/ mud, attempt to sting into retainer and establish rate into open hole. If rate is established, squeeze 60 sx C cmt (1.32 ft³/sk yield, 79.2 ft³ slurry volume), displacing to retainer. Sting out of retainer and pump 25 sx C cmt on retainer (1.32 ft³/sk yield, 33.0 ft³ slurry volume, 362' calculated fill) 3,605 - 3,243'. POOH w/ tbq.  
**GBSA Plug**
  4. RU lubricator and RIH w/ wireline, perforate 4½ & 7" casings w/ four 3½" strip-jet charges @ 2,085'. POOH w/ wireline, RD lubricator.
  5. RIH w/ 4½" AD-1 packer to 1,600'. 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) 2,085 - 1,985'. POOH w/ packer. If unable to establish rate, pump 25 sx C cmt balanced plug @ 2,135'. WOC and tag this plug no deeper than 1,985'. **Base of salt plug**
  6. RU lubricator and RIH w/ wireline, perforate 4½ & 7" casings w/ four 3½" strip-jet charges @ 1,045'. POOH w/ wireline, RD lubricator.
  7. RIH w/ 4½" 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) 1,045 - 900'. POOH w/ packer. If unable to establish rate, pump 25 sx C cmt balanced plug @ 1,095'. WOC and tag this plug no deeper than 945'.  
**Top of salt & surface casing shoe plug**
- 
8. SI BOP and pressure-test casing 945' 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 4½ & 7" casings w/ four 3½" strip-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 ft<sup>3</sup>/sk yield, 145 ft<sup>3</sup> slurry volume, 406' estimated fill) 400' to surface.
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

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DF @ 3883'  
GL @ \_\_\_\_\_

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	4/19/96	Set cement retainer @ 3605', lay down tbg. Flange well up w/6" sub.						
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	5/7/04	BLM Sundry Notice for TA expires 5/11/05						
	10/25/04	Prepare Application for Abandonment of Well						

110 sx C cmt sqz'd 400' to surface

N / A Hole Size

8-5/8" 24# @ 995' w/ 50 sx cmt

Top Salt @ 1,000' (Est.)

65 sx C cmt sqz'd 1,045 - 900' - WOC & TAG

Base Salt @ 1,985'

50 sx C cmt sqz'd 2,085 - 1,985' - WOC & TAG

4-1/2" TOC @ 2,100', calculated

7" TOC @ 2,600'

25 sx C cmt on packer 3,605 - 3,243'

7" 20# @ 3581' w/ 100 sx

Cmt Retainer @ 3605'

60 sx C cmt sqz'd under CICR @ 3,605'

Bad csg @ 3725'

4-1/2" 9.5# @ 3790'

Cmt'd w/275 sx; TOC @ 2100' (Est.)

6-1/4" Hole

3822-3883 - 90 Qts

3883-3929 - 90 Qts

3929-3969 - 40 Qts

3969-3984 - 30 Qts

3984-3990 - Gravel

PBTD @ 3605'  
OTD @ 3990'  
NTD @ 4100'



**PROPOSED PLUGGING PROCEDURE**

- 1) 60 sx C cmt sqz'd under CICR @ 3,605'
- 2) 25 sx C cmt on packer 3,605 - 3,243'
- 3) 50 sx C cmt sqz'd 2,085 - 1,985' - WOC & TAG
- 4) 65 sx C cmt sqz'd 1,045 - 900' - WOC & TAG
- 5) 110 sx C cmt sqz'd 400' to surface