

## 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 MANAGEMENTFORM 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 797623b. Phone No. (include area code)  
432-368-1244

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1,980' FNL &amp; 1,980' FWL, Section 30, T-17-S, R-32-E, Unit Letter F

5. Lease Serial No.  
LC 029410B

6. If Indian, Allottee or Tribe Name

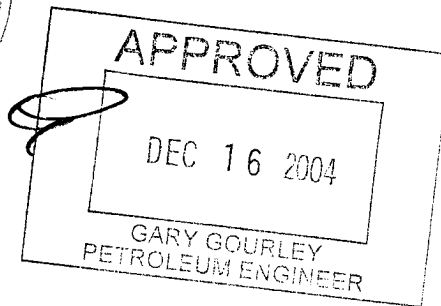
7. If Unit or CA/Agreement, Name and/or No.  
MCA Unit8. Well Name and No.  
MCA Unit #1629. API Well No.  
30-025-0078010. Field and Pool, or Exploratory Area  
Maljamar Grayburg-San Andres11. County or Parish, State  
Lea, New Mexico

## 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 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 &amp; 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: October 26, 2004

RKB @  
DF @ 3899'  
GL @



N / A Hole size

8-5/8" 24# @ 885' w/ 50 sx  
TOC @ Surface

Top Salt @ 925'

Base Salt @ 1,825'

TOC @ 2,200' calculated

Blanking Plug in packer @ 3,398'

7" 20# @ 3,407' w/ 100 sx

Liner leak @ 3465-3479; sqz'd w/75 sx  
Leak 3465-3495; sqz w/500 gal Howco PWG  
3472-3474; Sqz'd w/100 sx  
4-1/2" 9.5# Liner @ 3635'  
Cmt'd w/300 sx  
TOC @ 800'

OH 3635' - 3978'  
3652-3700 - Shot w/120 Qts  
3700-3772 - Shot w/72 Qts  
3772-3820 - Shot w/120 Qts  
3820-3860 - Shot w/40 Qts  
3860-3872 - Shot w/30 Qts

PBD @ 3398'  
TD @ 3978'

Subarea : Maljamar  
Lease & Well No. : MCA Unit No. 162W  
Legal Description : 1980' FNL & 1980' FWL, SE/4 NW/4 Sec. 30, T-17-S, R-32-E  
County : Lea State : New Mexico  
Field : Maljamar (Grayburg-San Andres)  
Date Spudded : March 20, 1947 IPP:  
API Number : 30-025-00780  
Status : Temporarily Abandoned  
Drilled as Simon 6-R

## Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
OH 3652-3700	9/5/47	Nitroglycerin	120 Quarts				
OH 3700-3772	9/5/47	Nitroglycerin	72 Quarts				
OH 3772-3820	9/5/47	Nitroglycerin	120 Quarts				
OH 3820-3860	9/5/47	Nitroglycerin	40 Quarts				
OH 3860-3872	9/5/47	Nitroglycerin	30 Quarts				
	5/1/63	Unitized as MCA Unit No. 162					
	2/3/68	Converted to water injection well					
	9/5/68	2-3/8" cement lined tubing run @ 3351'					
OH 3924-3954	7/21/72	28% NE	500		2600		1.5
	7/22/72	Set 4-1/2" casing @ 3635'; TOC @ 800'					
	12/4/73	Clean out to 3954'					
		Re-run 2-3/8" cmt lined tubing and place on injection					
	10/6/76	POOH w/CL tbg; CO to 3655'					
	10/9/76	Set 4-1/2" cement retainer @ 3584'					
	10/9/76	Repair communication by sqz'g csg 3648-3590 w/100 sx					
	10/11/76	Csg leak in 4-1/2" liner 3465-3479; sqz w/75 sx					
	10/15/76	Leak 3466-3498; perf 3472-3474; sqz w/100 sx; DO re/ cmt					
	10/19/76	Leak @ 3465-3495; sqz w/500 gals-Howco PWG					
	10/21/76	Sqz w/500 gals PWG, set 4-1/2" cmt retainer @ 3407'					
		Sqz w/200 sx Thikset and 50 sx Class C					
	10/27/76	DO retainer and cement					
	10/28/76	Leak between 3466-3495, set cmt ret @ 3377', pmp 24 bbls					
		Howco special gelling agent					
	11/1/76	Drill out retainer and circulate					
		Set Retainer @ 3377', sqz w/70 sx Class C					
	11/3/76	Drill out retainer and CO 3385-3584					
	11/6/76	Drill and jet wash 3584-3930					
	3/7/79	Can not get past 3474'; swedge and mill out					
	9/13/83	Cleanout w/coil tubing, run Injection Survey					
OH 3840-3930	6/25/84	15% NE FE	2,000		4000	1100	0.75
	6/16/86	CO fill, replace CL tbg and packer					
	7/17/91	Install fiberglass tubing					
	6/16/86	Set 4-1/2" 9.5#/11.6# Otis Interlock w/Otis RN Nipple w/1.71" Profile @ 3398'					
	4/1/96	Set plug in injection packer @ 3398'					
	4/10/96	File BLM Sundry Notice to temporarily abandon					
	5/7/04	BLM Sundry Notice for TA status expires 5/11/05					
	10/26/04	Prepare Application for Abandonment of Well					

## ConocoPhillips

### Proposed Plugging Procedure

MCA Unit #162W

API #42-025-00780

Maljamar Grayburg San Andres Field

Lea County, New Mexico

#### See attached wellbore diagrams for wellbore configuration

Blanking plug in packer @ 3,398' (set April, 1996). 7" 20# casing @ 3,407', estimated TOC 2,200'; 8<sup>5</sup>/<sub>8</sub>" csg @ 885' w/ 50 sx, TOC surface (?). SALT: 925 - 1,825'

- 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<sup>3</sup>/<sub>8</sub>" workstring.
  2. MIRU plugging equipment. ND wellhead and NU 6" hydraulic BOP.
  3. RIH w/ 2<sup>3</sup>/<sub>8</sub>" workstring to packer/plug @ 3,398'. RU cementer and circulate hole w/ mud, pump 25 sx C cmt on packer (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, 362' calculated fill) 3,400 - 3,036'. POOH w/ tbg. **GBSA Plug**
  4. RU lubricator and RIH w/ wireline, perforate 4<sup>1</sup>/<sub>2</sub> & 7" casings w/ four 3<sup>1</sup>/<sub>2</sub>" strip-jet charges @ 1,925'. POOH w/ wireline, RD lubricator.
  5. RIH w/ 4<sup>1</sup>/<sub>2</sub>" 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% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield, 66.0 ft<sup>3</sup> slurry volume, 185' estimated fill) 1,925 - 1,825'. 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 1,825'. **Base of salt plug**
  6. RU lubricator and RIH w/ wireline, perforate 4<sup>1</sup>/<sub>2</sub> & 7" casings w/ four 3<sup>1</sup>/<sub>2</sub>" strip-jet charges @ 925'. 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% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield, 85.8 ft<sup>3</sup> slurry volume, 246' estimated fill) 925 - 825'. POOH w/ packer. If unable to establish rate, pump 25 sx C cmt balanced plug @ 975'. WOC and tag this plug no deeper than 825'. **Top of salt & surface casing shoe plug**
  8. SI BOP and pressure-test casing 825' 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 4<sup>1</sup>/<sub>2</sub> & 7" casings w/ four 3<sup>1</sup>/<sub>2</sub>" 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

Date: December 6, 2004

RKB @  
DF @ 3899'  
GL @

Subarea :  
Lease & Well No. :  
Legal Description :  
County :  
Field :  
Date Spudded :  
API Number :  
Status :  
Drilled as Simon 6-R

**Maljamar**  
MCA Unit No. 162W  
1980' FNL & 1980' FWL, SE/4 NW/4 Sec. 30, T-17-S, R-32-E  
Lea State : New Mexico  
Maljamar (Grayburg-San Andres)  
March 20, 1947 IPP:  
30-025-00780  
Plugged & Abandoned

110 sx C cmt sqz'd 400' to surface

N/A Hole size

8-5/8" 24# @ 885' w/ 50 sx

TOC @ Surface

65 sx C cmt sqz'd 925 - 825' - WOC & TAG

Top Salt @ 925'

Base Salt @ 1,825'

50 sx C cmt sqz'd 1,925 - 1,825' - WOC & TAG

TOC @ 2,200' calculated

25 sx C cmt on packer 3,398 - 3,036'

Blanking Plug in packer @ 3,398'

7" 20# @ 3,407' w/ 100 sx

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OH 3635' - 3978'

3652-3700 - Shot w/120 Qts  
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**PROPOSED PLUGGING PROCEDURE**

- 1) 25 sx C cmt on packer 3,398 - 3,036'
- 2) 50 sx C cmt sqz'd 1,925 - 1,825' - WOC & TAG
- 3) 65 sx C cmt sqz'd 925 - 825' - WOC & TAG
- 4) 110 sx C cmt sqz'd 400' to surface