Form 3160-5 (April 2004)

OCD-HOBBS

UNITED STATES
DEPARTMENT OF THE INTERIOR

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

BUREAU OF LAND MANAGEMEN	5. Dease Scrim No.
SUNDRY NOTICES AND REPORTS (Do not use this form for proposals to drill or abandoned well. Use Form 3160-3 (APD) for	to re-enter an 6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPLICATE- Other instructions of	7. If Unit or CA/Agreement, Name and/or No. 8920003410 NNNM 70987 A
1. Type of Well Gas Well Other	8. Well Name and No.
2. Name of Operator ConocoPhillips Company ATTN: Celeste Dale	MCA Unit #45 9. API Well No.
	No. (include area code) 30-025-00605
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	Maljamar GB/SA
1,980' FNL & 1,980' FWL, Unit Letter F, Section 21, T-17-S, R-32-E	11. County or Parish, State Lea Co., NM
12. CHECK APPROPRIATE BOX(ES) TO INDICATE	E NATURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION
Acidize Deepen ☐ Alter Casing Fracture ☐ Subsequent Report ☐ Casing Repair ☐ New Con ☐ Change Plans ☐ Plug and	nstruction Recomplete Other
Final Abandonment Notice Convert to Injection Plug Bac	
following completion of the involved operations. If the operation results in a mitesting has been completed. Final Abandonment Notices shall be filed only afte determined that the site is ready for final inspection.) See attached wellbore diagrams & proposed plugging procedure SEE ATTACHED FUR CONDITIONS OF APPROVA	L A solution of recompletion in a new interval, a Form 3160-4 shall be filed once rall requirements, including reclamation, have been completed, and the operator has
 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 Au	Date 11/12/2006
THIS SPACE FOR FEDERA	L OR STATE OFFICE USE
Approved by Conditions of approval, if any, are attached. Approval of this notice does not warm certify that the applicant holds legal or equitable title to those rights in the subject I which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for an States any false firtitions or fraudulent statements or representations as to any part.	office Office y person knowingly and willfully to make to any debugging of the United

(Instructions on page 2)

GW

FREDERICK WRIGHT PETROLEUM ENGINEER

WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

Date: July 22, 2005

RKB @ 4062' DF @ 4061' GL @ 4051'

Subarea: Maljamar MCA Unit No. 45W Lease & Well No. : Legal Description : 1980' FNL & 1980' FWL, Sec. 21, T-17-S, R-32-E County: State : New Mexico Field: Maljamar (Grayburg-San Andres) 10/22/36 12/12/36 Date Spudded : Rig Released: API Number : 30-025-00605 Status: Temporarily Abandoned

Stimulation History:

	Guingianon	HOLD! Y.						
	Interval	<u>Date</u>	Туре	<u>Gals</u>	Lbs. <u>Sand</u>	Max <u>Press</u>	ISIP	Max <u>Rate</u>
12" 50# casing @ 775'								
		8/30/45	Deepen from 2365'	to 3050'	10" Hole			
Top Salt @ 990'		9/16/45	Deepen from 3050'	to 3700'	8" Hole			
		9/27/45	Reduced hole to 6-1	/4" from 370	00' to 410	7'		
		10/31/45	Acid	1,000				
		11/13/45	Acid	2,000				
		11/20/45	Acid	3,500				
	3948-3974		Nitro	100 Qf	g' shells			
14-3/4" hole to 2,301'		5/1/63	Effective with the un	itization of N	ACA Unit	on 5/1/63	was	
			renumbered MCA U	nit No. 45				
		12/18/65	Deepen from 4106'	to 4181' w/	6-1/8" ho	le		
	3751-3807	3/31/67	15% LST NE	100				
			Gelled water	20,000	20,000			
Base Salt @ 1,980'			Converted to injection	on				
		5/19/88	Shut-in due to drilling	g MCA 379				
		7/1/88	Returned to injection	ו				
		7/11/89	Shut-in due to packer or tubing leak					
10-3/4" 40.5# @ 2,301' cmt'd w/ 300 sx, circ.		8/1/89	Placed back on inject	ction				
		1/25/95	RIH w/7" Baker Typ	e K-1 cmt i	etainer 8	set @ 3	670',	
			Circulate packer flu	uid				
			Temporarily Aband	loned				
TOC @ 2,400' 7" csg								

TOC @ 2,701' 8-5/8" csg

2356-2362 - Shot w/10 Qts Nitro

10" Hole to 3,050'

8-5/8" 28# Seamless Steel @ 3,050' cmt'd w/ 87 sx; TOC 2,701'

8" Hole to 3821'

Cmt Retainer @ 3,670'

7" 20# Seamless @ 3,821' cmt'd w/ 80 sx; TOC 2,400' caic 6-1/4" Hole to 4107'; 6-1/8" Hole to 4181' OH 3821'-4177'

Cement Plug @ 4177'-4181'

PBTD @ 3670' TD @ 2365' NTD @ 4181'



ConocoPhillips

Proposed Plugging Procedure

MCA Unit #045W API #30-025-00605 Maljamar (Grayburg-San Andres) Field Lea County, New Mexico

Casings:

12" 50# casing @ 775', unknown cement

10¾" 40.5# casing @ 2,301' cmt'd w/ 300 sx, circulated 85%" 28# casing @ 3,050' cmt'd w/ 87 sx, TOC 2,701'

7" 20# casing @ 3,821' cmt'd w/ 80 sx, TOC 2,400' calculated

- TA'd w/ CICR set @ 3,670' (set 01/25/95)
- Notify BLM & NMOCD 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. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.
- 2. RIH w/ 23/6" workstring, tag PBTD. RU cementer & circulate hole w/ plugging mud. Pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 144' in 7" 20# casing) 3,670 3,526'. *Grayburg San Andres plug*
- 3. POOH w/ tubing to 3,100'. Load hole w/ plugging mud and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 144' in 7" 20# casing) 3,100 2,956'. POOH w/ tubing. 8%" shoe plug
- **4.** RU lubricator and RIH w/ four 2½" strip-jet perforating charges on wireline, perforate four squeeze holes @ 2,301'. POOH w/ wireline, RD lubricator.
- 5. RIH w/ packer to 1,800'. Set packer and establish rate into perforations at 1,000 psi or less. Squeeze 175 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 231 ft³ slurry volume, calculated fill 419' in 10³/₄" 40.5# casing) 2,301 1,882'. WOC & tag this plug no deeper than 1,980', POOH w/ packer. 10³/₄" casing shoe & base of salt plug
- **6.** RU lubricator and RIH w/ four 2½" strip-jet perforating charges on wireline, perforate four squeeze holes @ 990'. POOH w/ wireline, RD lubricator.
- 7. RIH w/ packer to 600'. Set packer and establish rate into perforations at 1,000 psi or less. Squeeze 350 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 112 ft³ slurry volume, calculated fill 389' in 14³/₄" openhole) 990 601'. WOC & tag this plug no deeper than 725', POOH w/ packer. *Top of salt & surface casing shoe plug*
- 8. RIH w/ four 2½" strip-jet perforating charges on wireline, and perforate four squeeze holes @ 50'. POOH w/ wireline. ND BOP, NU wellhead. Circulate 65 sx C cement (1.32 ft³/sk

yield, 85.8 ft³ slurry volume, calculated fill 72 in 14¾" openhole) 50' to surface. *surface plug*

9. RDMO location. Clean steel pit & haul fluids to disposal. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

PROPOSED PLUGGED WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

Date: November 12, 2006

R

KB@	4062'
DF@	4061'
GL @	4051'

65 sx C cmt 50' to surface, perf/sqz/circ

Subarea: Lease & Well No. : Legal Description : County:

Field: Date Spudded : API Number : Status:

Maljamar MCA Unit No. 45W 1980' FNL & 1980' FWL, Sec. 21, T-17-S, R-32-E State : New Mexico Lea Maljamar (Grayburg-San Andres) Rig Released: 12/12/36 10/22/36 30-025-00605 **Proposed Plugged**

Stimulation History:

					Lbs.	Max		Max
	<u>Interval</u>	<u>Date</u>	<u>Type</u>	<u>Gals</u>	<u>Sand</u>	Press	ISIP	Rate
12" 50# casing @ 775'								
		8/30/45	Deepen from 2365	' to 3050' '	10" Hole			
Top Salt @ 990'		9/16/45	Deepen from 3050	' to 3700' i	3" Hole			
350 sx C cmt 990 - 725', perf/sqz TAG		9/27/45	Reduced hole to 6-	1/4" from 370	0' to 4107	,,		
•		10/31/45	Acid	1,000				
		11/13/45	Acid	2,000				
		11/20/45	Acid	3,500				
	3948-3974		Nitro	100 Q5	shells			
14-3/4" hole to 2,301'		5/1/63	Effective with the ur		ICA Unit o	on 5/1/63	was	
			renumbered MCA L					
		12/18/65	Deepen from 4106		6-1/8" ho	e		
	3751-3807	3/31/67	15% LST NE	100				
			Gelled water		20,000			
Base Salt @ 1,980'			Converted to injection	on				
		5/19/88	Shut-in due to drilling	g MCA 379				
		7/1/88	Returned to injection	n				
		7/11/89	Shut-in due to pack	er or tubing le	eak			
10-3/4" 40.5# @ 2,301' cmt'd w/ 300 sx, circ.		8/1/89	Placed back on inje	ction				
175 sx C cmt 2,301 - 1,980', perf & sqz TAG		1/25/95	RIH w/7" Baker Ty	pe K-1 cmt r	etainer &	set @ 3	670',	
			Circulate packer fl	uid				
			Temporarily Aband					



PROPOSED PLUGGING PROCEDURE

- 25 sx C cmt 3,670 3,526'
- 25 sx C cmt 3,100 2,956' 2)
- 175 sx C cmt 2,301 1,980', perf & sqz TAG 3)
- 350 sx C cmt 990 725', perf/sqz TAG

5)	65 sx C cmt 50' to	o surface,	perf/sqz/circ

41/2" 9.5# csg:	10.965	ft/ft3	0.0912	ft3/ft
51/2" 15.5# csg:	7.483	ft/ft3	0.1336	ft3/ft
7%" 24# csg:	3.715	ft/ft3	0.2691	ft3/ft
8%" 20# csg:	2.733	ft/ft3	0.3659	ft3/ft
8%" 24# csg:	2.797	ft/ft3	0.3575	ft3/ft
10¾" 40.5# csg:	1.815	ft/ft3	0.5508	ft3/ft
7⅓" openhole:	2.957	ft/ft3	0.3382	ft3/ft
14¾" openhole:	0.843	ft/ft3	1.1866	ft3/ft

2356-2362 - Shot w/10 Qts Nitro

10" Hole to 3,050'

TOC @ 2,400' 7" csg

TOC @ 2,701' 8-5/8" csg

8-5/8" 28# Seamless Steel @ 3,050' cmt'd w/ 87 sx; TOC 2,701' 25 sx C cmt 3,100 - 2,956'

8" Hole to 3821' 25 sx C cmt 3,670 - 3,526' Cmt Retainer @ 3,670'

7" 20# Seamless @ 3,821' cmt'd w/ 80 sx; TOC 2,400' calc 6-1/4" Hole to 4107'; 6-1/8" Hole to 4181' OH 3821'-4177'

Cement Plug @ 4177'-4181'

PBTD @ 3670' TD@ 2365 NTD @ 4181'

SUNDRY NOTICE SPECIAL STIPULATIONS

- 1. Approval is granted to plug this well with the following modifications to the proposed procedure:
- 2. All of these plugs below the surface plug must be tagged.
- 3. The surface plug must be at least 100' and 25 sacks of cement.

Engineering can be reached at 505-706-2779 for any variances that might be necessary.

F Wright 11/15/06