Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR

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

Lease Serial No.	
LC 060329	*
If Indian, Allottee or Tribe Name	

BUREAU OF LAND MANAGEMENT					L .	5. Lease Serial No LC 060329				
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.					6. If Indian, Allottee or Tribe Name					
SUBMIT IN TRIPLICATE- Other instructions on reverse side.					7. If Unit or CA/Agreement, Name and/or No.					
1. Type of Well Gas Well Other				8. Well Name and No.						
2. Name of Operator ConocoPhillip	os Company ATTN: Celeste Dal	le			9. API W	Unit #17				
		No. (include area code) 1244		30-025	-08027 ad Pool, or Exploratory Area					
4. Location of Well (Footage, Sec.,)	T., R., M., or Survey Description)				-	nar Grayburg-San Andres				
660' FSL & 660' FWL, Section	18, T-17-S, R-32-E, Unit Letter	M			11. County or Parish, State Lea, New Mexico					
12. CHECK AF	PROPRIATE BOX(ES) TO IN	DICATE	NATURI	OF NOTICE, R	EPORT, OF	ROTHER DATA				
TYPE OF SUBMISSION			TYP	E OF ACTION						
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture To New Cons Plug and A Plug Back	truction	Production (St. Reclamation Recomplete Temporarily Al		Water Shut-Off Well Integrity Other				
testing has been completed. Fin determined that the site is ready	olved operations. If the operation result al Abandonment Notices shall be filed for final inspection.) rams & plugging procedure.	d only after a	aple complete complet	ents, including reclam	nation, have bee	APPROVED DEC 16 2004 GARY GOURLEY ETROLEUM ENGINEER				
14. I hereby certify that the fores Name (Printed/Typed) James F. Newman	_		Title Eng	zineer, Triple N Sei	rvices, Inc. 4.	32-687-1994				
	THIS SPACE FOR FE	DERAL	OR ST	ATE OFFICE	USE					
Approved by			-							
Approved by Conditions of approval, if any, are at certify that the applicant holds legal which would entitle the applicant to	or equitable title to those rights in the	not warran subject lea	t or se Off		ID	rate				
Title 18 U.S.C. Section 1001 and Title States any false, fictitious or fraudule	43 U.S.C. Section 1212, make it a criminal statements or representations as to	me for any poster	person know within its j	vingly and willfully turisdiction.	o make to any	department or agency of the United				

(Instructions on page 2)

WELLBORE SKETCH ConocoPhillips Company -- Permian Basin Business Unit

Date: October 26, 2004 RKB@ 3942 DF @ Subarea : Maljamar Lease & Well No. : MCA Unit No. 17 Legal Description : 660' FSL & 660' FWL, Sec. 18, T-17-S, R-32-E County: State : New Mesxico Field: (Grayburg-San Andres) Maliamar Date Spudded : July 23, 1941 API Number . 30-025-08027 Status: Temporarily Abandoned Drilled as Mitchell No. 3 Stimulation History: Lbs. Max Max <u>Interval</u> Date Type Gais Sand Press ISIP Rate Down 8-1/4" 28# @ 705' w/ 150 sx, circ. OH 3641-3677 9/6/41 Nitroglycerin 70 Quarts 5/23/43 Deepen to 4074' 7/10/43 Plug back w/2 sx Calseal 4074-4030, did not set Top Salt @ 800' Plug back w/2 sx Calseal 4030-4020, did not set 7/13/73 DO Calseal to 4060' 7/16/43 Plug back w/4 sx Calseal 4060-4030 Dump 3 sx cmt 4030-4016, bail cmt to 4020 Run 100# lead wool to 4017'. OH 3735-3880 7/21/43 Nitroglycerin 280 Quarts 3-1/2" shells OH 3880-3980 7/21/43 Nitroglycerin 280 Quarts 4" shells 7/31/43 Cleanout to 3990' 2/23/56 Cleanout to 3855' 3/3/56 Plugback 3828-3816 w/ pail rock 3808-3816 3/4/56 Pump 3 sx Calseal 3448-3808 3/6/56 Lease Oil (LO) 20,000 20,000 4200 5/17/75 Cleanout to 3808' 3448-3808 5/18/75 15% NE '500 300# RS 2500 1500 3.0 6/28/78 Tubing stuck @ 3485, cleanout to 3991' Cleanout and jet wash 2458-4002 Set 7" Baker Cement Retainer @ 3348', circ pkr fluid 9/23/86 Base Salt @ 1805' 4/28/95 8/14/95 BLM Sundry Notice filed to temporarily abandon BLM Sundry Notice expires 4/10/05 4/29/04 10/26/04 Prepare Application for Abandonment of Well TOC @ 2100' (Est.) Cement Retainer @ 3,348' 7" 20# @ 3,448' w/ 100 sx 3641' - 3677' - Shot w/70 Qts OH 3448-3808 3735'-3880' - Shot w/280 Qts Calseal 3816'-3808' - 3 sx 3816'-3828' - 40 gals. 3880'-3980' - Shot w/280 Qts Pea Gravel 3990'-4017' Lead Wool 4017'-4020' 4020'-4030' Cement Calseal 4030'-4060'

3348

3677

4074

РВТО @

OTD @

NTD@



ConocoPhillips

Proposed Plugging Procedure

MCA Unit #17 API #42-025-08027 Maljamar Grayburg San Andres Field Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

CICR @ 3,348' (set 1995). 7" casing @ 3,448', estimated TOC 2,100'; 8%" csg @ 705', circulated. <u>SALT</u>: 800 - 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 3,500' 23/8" workstring.
- 2. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.
- 3. RIH w/ stinger for Baker cement retainer on 2%" workstring to 3,348'. RU cementer and circulate hole w/ mud. Attempt to sting into CICR. If successful, establish rate under retainer and squeeze 60 sx C cmt (1.32 ft³/sk yield, 79.2 ft³ slurry volume, calculated fill 348' in 7" 20# casing) displacing to retainer. Sting out of retainer and pump 25 sx C cmt on CICR (1.32 ft³/sk yield, 33.0 ft³ slurry volume, 145' calculated fill). POOH w/ tbg. GBSA Plug
- **4.** RU lubricator and RIH w/ wireline, perforate 7" csg w/ four 1-11/16" link-jet charges @ 1,905'. POOH w/ wireline, RD lubricator.
- 5. RIH w/ 7" 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, 180' estimated fill in open hole) 1,905 1,805'. WOC as needed and POOH w/ packer. If unable to establish rate, pump 25 sx C cmt balanced plug @ 1,955'. WOC and tag this plug no deeper than 1,805'. POOH w/ packer. Base of salt plug
- 6. RU lubricator and RIH w/ wireline, perforate 7" csg w/ four 1-11/16" link-jet charges @ 800'. 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 70 sx C cement w/ 2% CaCl₂ (1.32 ft³/sk yield, 92.4 ft⁵ slurry volume, 250' estimated fill) 800 655'. POOH w/ packer. If unable to establish rate, pump 25 sx C cmt balanced plug @ 850'. WOC and tag this plug no deeper than 655'. Top of salt & surface casing shoe plug
- 8. SI BOP and pressure-test casing 655' 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" csg 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. ND BOP and NU wellhead, Circulate 110 sx C cement (1.32 ft³/sk yield, 145 ft³ slurry volume, 406' calculated fill) 400' to surface. If unable to establish rate at 500 psi or less, circulate C cmt 450' to surface. Surface plug
- 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



110 sx C cmt sqz'd 400' - surface

Subarea :	Maljamar				
Lease & Well No. :	MCA Unit No. 17				
Legal Description :	660' FSL & 660' FWL, Sec. 18, T-17-S, R-32-E				
County:	Lea State: New Mesxico				
Field:	Maljamar (Grayburg-San Andres)				
Date Spudded :	July 23, 1941 IPP:				
API Number :	30-025-08027				
Status:	plugged & abandoned				
Drilled as Mitchell No	. 3				

Stimulation History:

					LDs.	max		wax	
	<u>Interval</u>	<u>Date</u>	<u>Type</u>	<u>Gals</u>	Sand	<u>Press</u>	<u>ISIP</u>	Rate De	<u>ow</u>
8-1/4" 28# @ 705' w/ 150 sx, circ.	OH 3641-3677	9/6/41 5/23/43	Nitroglycerin Deepen to 4074'	70 Qua	rts				
70 sx C cmt sqz'd 800 - 655' - WOC & TAG		7/10/43	Plug back w/2 sx Calse	al 4074-	4030, did	not set			
Top Salt @ 800'		7/13/73	Plug back w/2 sx Calseal 4030-4020, did not set DO Calseal to 4060'						
		7/16/43	Plug back w/4 sx Calse						
		171040	Dump 3 sx cmt 4030-4016, bail cmt to 4020						
			Run 100# lead wool to 4017'.						
	OH 3735-3880	7/21/43	Nitroglycerin		arts 3-1/				
	OH 3880-3980	7/21/43	Nitroglycerin	280 Qu	arts 4" sh	ells			
		7/31/43	Cleanout to 3990'						
		2/23/56	Cleanout to 3855'						
	0000 0010	3/3/56	Plugback 3828-3816 w/ pail rock						
	3808-3816	3/4/56	Pump 3 sx Calseal	20.000	20.000	4000		15.6	
	3448-3808	3/6/56 5/17/75	Lease Oil (LO) Cleanout to 3808'	20,000	20,000	4200		15.6	
	3448-3808	5/18/75 6/28/78 9/23/86	15% NE Tubing stuck @ 3485, Cleanout and jet wash			S 2500	1500	3.0	
Base Salt @ 1805' 4/28/95 8/14/95			95 Set 7" Baker Cement Retainer @ 3348', circ pkr fluid						
50 sx C cmt sqz'd 1,905 - 1,805' - WOC & TAG 4/29/04									

TOC @ 2100' (Est.)



PROPOSED PLUGGING PROCEDURE

- 1) squeeze 60 sx C cmt under CICR @ 3,348'
 2) 25 sx C cmt on CICR 3,348 3,203'
- 3) 50 sx C cmt sqz'd 1,905 1,805' WOC & TAG 4) 70 sx C cmt sqz'd 800 655' WOC & TAG
- 5) 110 sx C cmt sqz'd 400' surface

25 sx C cmt on CICR 3,348 - 3,203' Cement Retainer @ 3,348*

7" 20# @ 3,448' w/ 100 sx squeeze 60 sx C cmt under CICR @ 3,348'

3641' - 3677' - Shot w/70 Qts OH 3448-3808 3735'-3880' - Shot w/280 Qts Calseal 3816'-3808' - 3 sx Rock 3816'-3828' - 40 gals.

3880'-3980' - Shot w/280 Qts Pea Gravel 3990'-4017' Lead Wool 4017'-4020' 4020'-4030' Cement Calseal 4030'-4060'

РВТО @ 3348 OTD@ 3677 4074