

UNITED STATES **OCD-HOBBS**
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

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)

1980' FNL & 1980' FWL, Unit Letter F, Section 19, T-17-S, R-32-E

5. Lease Serial No.

LC 029405A

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 #054

9. API Well No.

30-025-08039

10. Field and Pool, or Exploratory Area

Maljamar GB/SA

11. County or Parish, State

Lea

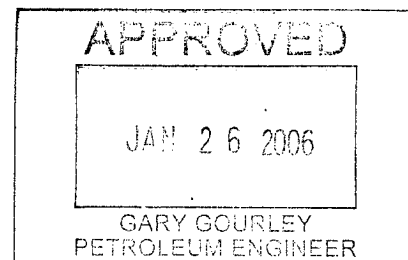
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 recompleat 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 current & proposed wellbore diagrams & procedure.

APPROVED FOR 7 MONTH PERIOD
ENDING 8-26-06



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

01/11/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Harry W. Wink

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

ConocoPhillips

Proposed Plugging Procedure

MCA Unit #54W

Maljamar (Grayburg-San Andres) Field

Lea County, New Mexico

Casings: 8 $\frac{5}{8}$ " 28# casing @ 745', cmt'd w/ 50 sx
 7" 20# casing @ 3,453' w/ 150 sx, TOC 1,340' calculated
 4 $\frac{1}{2}$ " 9.5# liner surface to 3,550', cmt'd w/ 185 sx, TOC 1,385' calculated
 5 $\frac{1}{2}$ " liner 3,743 – 3,808'

- TA'd w/ cement retainer set @ 3,453' (02/06/95)
- 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.
2. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP. Flow down/kill well as needed, POOH laying down injection tubing & packer as present.
3. RIH w/ 2 $\frac{3}{8}$ " EUE workstring, tag CICR @ 3,453'. RU cementer and circulate hole w/ mud, pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 362 in 4 $\frac{1}{2}$ " 9.5# casing) 3,453 – 3,099'. **Grayburg-San Andres plug**
4. POOH w/ tubing to 1,915'. RU cementer and load hole w/ mud, pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 362' in 4 $\frac{1}{2}$ " 9.5# casing) 1,915 – 1,553'. **Base of salt plug**
5. POOH w/ tubing to 1,400'. RU cementer and load hole w/ mud, pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 362' in 4 $\frac{1}{2}$ " 9.5# casing) 1,400 – 1,038'.
6. RU lubricator and RIH w/ four 2 $\frac{1}{2}$ " strip-jet perforating charges on wireline, and perforate four squeeze holes @ 815'. POOH w/ wireline.
7. RIH w/ AD-1 packer to 400'. Load hole and set packer. Establish rate into perforations, maximum pressure 1,000 psi. Squeeze 50 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 66 ft³ slurry volume, calculated fill 188' in 8 $\frac{5}{8}$ " 28#casing) 815 – 695'. WOC and tag this plug no deeper than 695'. POOH w/ packer. **Top of Salt & surface casing shoe plug**
8. RIH w/ four 2 $\frac{1}{2}$ " strip-jet perforating charges on wireline, and perforate four squeeze holes @ 400'. POOH w/ wireline.
9. RIH w/ AD-1 packer to 30'. Set packer and establish circulation to surface in 7 x 8 $\frac{5}{8}$ " annulus. POOH w/ packer and ND BOP, NU wellhead. Circulate 75 sx C cement (1.32 ft³/sk yield, 99 ft³ slurry volume) 400' to surface. **freshwater & surface plug**

CURRENT WELLBORE SKETCH
ConocoPhillips Company -- Permian Basin Business Unit

Date: July 6, 2005

RKB @
DF @
GL @

3955'

12-1/4" Hole

8-5/8" 28# @ 745' w/ 50 sx

Top Salt @ 815'

Sqz @ 1,200' w/150 sx; TOC @ Surface
(4-1/2" csg to 7" csg)

Base Salt @ 1,815'

7" 20# @ 3,453' w/ 150 sx, TOC 1,340' calculated
Cmt Retainer @ 3,460'

4-1/2" 9.5# Csg @ 3,550' w/ 185 sx, TOC @ 1,380'
3560-3650 - 180 Qts Nitro - 3-1/2" shells - 6th Zone
3568-3658

3748-3762 - 7th Zone
3750 3756 3762
3768 3774 3780

5-1/2" OD Liner 3743' - 3808' cmt'd w/ 12 sx
3957-3993 - 70 Qts Nitro - 3-1/2" shells (9th Zone)

6-1/4" Hole to 3984'
5" Hole to 4020'

PBTD @ 3460'
OTD @ 3790'
NTD @ 4020'

Subarea : Maljamar
Lease & Well No. : MCA Unit No. 54W
Legal Description : 1980' FNL & 1980' FWL, Sec. 19, T-17-S, R-32-E
County : Lea State : New Mexico
Field : Maljamar (Grayburg-San Andres)
Date Spudded : Aug. 10, 1942 Rig Released: Nov. 10, 1942
API Number : 30-025-08039
Status: Temporarily Abandoned
Drilled as Mitchell No. 11-A

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
3560-3650	10/31/42	Nitroglycerin	180 Qts - 3-1/2" shells				
	10/44	Deepen from 3790'-3885'					
	12/21/44	Deepen from 3885'-3967'					
	1/1/45	Deepen from 3957'-3995'					
3957-3993	12/29/45	Nitroglycerin	70 Qts - 3-1/2" shells				
3990-3995	5/23/46	Acid	1,000		1200	1200	Pkrfailed
3938-3995	5/27/46	Acid	2,250		1450		
3453-3793	6/23/56	Dump Calseal 3814-3793; perf 3748-3762; BP @ 3814'					
	6/24/56	Frac Oil	5,000	5,000	2300		6.4
	8/30/57	Drill and clean out to 3988'					
	2/16/68	Convert to water injection at 450 BWPD @ 0 psi CO 5-1/2" liner from 3743-3751' (8')					
	1/14/73	Cleanout and drill to 4020'					
3916-4020	1/17/73	28% Acid	2,000		2500	2000	4.4
	3/2/75	Perf 5-1/2" liner 3750-3780					
3750-3780	3/2/75	28% NEFE HCl	2,000		2800	1250	4.0
	3/4/75	Set 4-1/2" 9.5# csg @ 3550', cmt w/185 sx					
	2/12/90	Cmt 4-1/2" x 7" csg from 1200' to surface with 150 sx (Squeezed casing leak)					
	3/2/91	Injection Profile - Major losses 3550-65, 3575-85, 3625 & below, no channel.					
	2/6/95	Set cmt retainer @ 3460' Temporarily Abandoned - Evaluate for Queen potential					

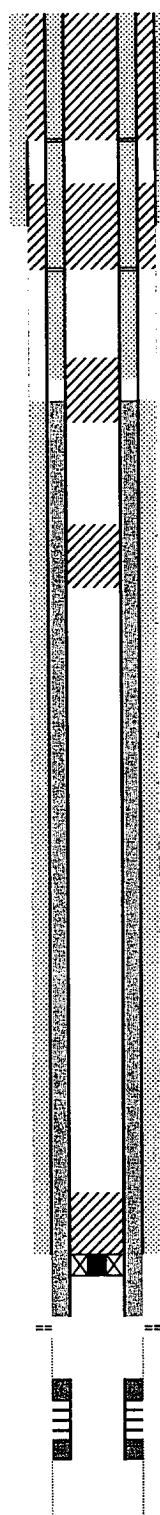
Formation Tops:

Rustler	
Salado	
Top Salt	815'
Base Salt	1815'
Yates	
Seven Rivers	
Queen	3143'
Grayburg	3353'
4th & 5th GB	3434'
6th Zone	3555'
San Andres	3708'
8th Zone	3808'
9th Zone	3862'
9th Massive	3945'

PROPOSED PLUGGED WELLBORE SKETCH
ConocoPhillips Company – Permian Basin Business Unit

Date: January 11, 2006

RKB @
DF @ 3955'
GL @



12-1/4" Hole

75 sx C cmt 400' to surface, perf/sqz
circulate cmt to surface

8-5/8" 28# @ 745' w/ 50 sx

Top Salt @ 815'

50 sx C cmt 815 - 695', perf & sqz
WOC/TAG

Sqz @ 1,200' w/150 sx; TOC @ Surface
(4-1/2" csg to 7" csg)
25 sx C cmt 1,400 - 1,038'

Base Salt @ 1,815'

25 sx C cmt 1,915 - 1,553'

25 sx C cmt on CICR 3,460 - 3,099'

7" 20# @ 3,453' w/ 150 sx, TOC 1,340' calculated
Cmt Retainer @ 3,460'

4-1/2" 9.5# Csg @ 3,550' w/ 185 sx, TOC @ 1,380'
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	3/2/91	Injection Profile - Major losses 3550-65, 3575-85, 3625 & below, no channel.					
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PROPOSED PLUGGING PROCEDURE

- 1) 25 sx C cmt on CICR 3,460 - 3,099'
- 2) 25 sx C cmt 1,915 - 1,553'
- 3) 25 sx C cmt 1,400 - 1,038'
- 4) 50 sx C cmt 815 - 695', perf & sqz, WOC/TAG
- 5) 75 sx C cmt 400' to surface, perf/sqz, circulate cmt to surface

Capacities

4-1/2" 9.5# csg:	10.960 ft/ft3	0.0912 ft3/ft
7" 20# csg:	4.399 ft/ft3	0.2273 ft3/ft
7-7/8" openhole:	2.957 ft/ft3	0.3382 ft3/ft
8-5/8" 28# csg:	2.853 ft/ft3	0.3505 ft3/ft
10-3/4" 40.5# csg:	1.815 ft/ft3	0.5508 ft3/ft

Formation Tops:

Rustler	
Salado	
Top Salt	815'
Base Salt	1815'
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