

New Mexico Oil Conservation Division, Department of the Interior
1625 N. French Drive
Hobbs, NM 88240

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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

5. Lease Serial No.
LC 029400A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MCA Unit #76

9. API Well No.
30-025-00659

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

11. County or Parish, State
Lea, New Mexico

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

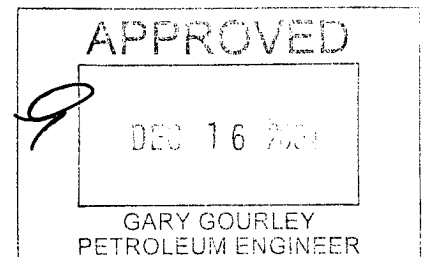
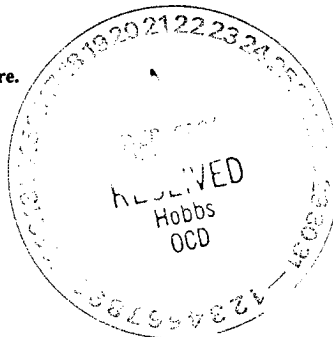
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1,910' FSL & 950' FWL, Section 23, T-17-S, R-32-E, Unit Letter L
90 E

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: October 26, 2004

RKB @ _____
DF @ 4006'
GL @ _____

Subarea : Maljamar
Lease & Well No. : MCA Unit No. 76W
Legal Description : 1910' FSL & 590' FWL, NW/4 SW/4 Sec. 23, T-17-S, R-32-E
County : Lea State New Mexico
Field : Maljamar (Grayburg-San Andres)
Date Spudded : 1940 IPP: _____
API Number : 30-025-00659
Status : Temporarily Abandoned
Drilled as Miller 1-L

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
OH 3864-3995	1940	Nitroglycerin					
3882-3987	5/23/56	Petrogel	10,000	14,000	3300	3250	7.5
	5/1/60	Changed to Miller-A 13					
	6/13/60	Changed to Williams-A No. 1					
	5/1/63	Effective w/Unitization renumbered MCA Unit No. 76					
	5/2/69	Deepened to 4060' - left 3 3-1/2" DC's in hole					
	1/23/70	Deepened to 4120'					
	1/31/70	Convert to water injection @ 310 BWPD					
	12/3/73	Shut-in - Injecting into wrong zone					
	12/17/74	Jet wash 3920'-4040'					
	12/23/74	Run 4-1/2" casing to 3829', cmt w/325 sx					
	1/8/75	Cleanout pea gravel to 4120'					
	1/9/75	Return to water injection					
	9/14/83	CO w/coil tubing - run Injection Survey					
		All fluid movement with 54' of casing show					
	9/14/88	Repair communication					
	4/26/91	Change out wellhead					
	7/22/91	Run Injection Profile and Temperature Survey w/crossflow					
		Losses into top section of open hole.					
	4/28/96	Set cement retainer @ 3787'					
	5/31/96	Filed BLM Sundry Notice to temporarily abandon					
	10/26/04	Prepare Application for Abandonment of Well					

4-1/2" TOC @ 100' (T.S.)

8-5/8" TOC 680' calculated

Top Salt @ 900' estimated
8-5/8" csg @ 979' w/ 75 sx

7" TOC 1,800' calculated
Base Salt @ 1,900' estimated

7" 20# @ 3,601' w/ 150 sx
Float Collar @ 3,782'

Cmt Retainer @ 3,787'

4-1/2" 9.5# STC @ 3,829' w/ 325 sx

3864' - 3995' shot w/240 qts

OH 3827' - 4120'

PBTD @ 3787'
OTD @ 3987'
NTD @ 4120'

ConocoPhillips

Proposed Plugging Procedure

MCA Unit #76W

API #42-025-00659

Maljamar Grayburg San Andres Field

Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

CICR @ 3,787' (set April, 1996). 7" 20# casing @ 3,601', estimated TOC 1,800'; 8 5/8" csg @ 979' w/ 75 sx, TOC 680' calculated. ESTIMATED SALT: 900 - 1,900'

- 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 3,600' 2 3/8" workstring.
 2. MIRU plugging equipment. ND wellhead and NU 6" hydraulic BOP.
 3. RIH w/ stinger for Baker cement retainer on 2 3/8" workstring to 3,787'. 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 30 sx C cmt on CICR (1.32 ft³/sk yield, 39.6 ft³ slurry volume, 434' calculated fill) 3,787 - 3,353'. POOH w/ tbg to 2,000'. **GBSA Plug**
 4. Load hole and pump 25 sx C cement (1.32 ft³/sk yield, 33.0 ft³ slurry volume, 362' calculated fill) 2,000 - 1,638'. POOH w/ tubing. **Base of salt plug**
 5. RU lubricator and RIH w/ wireline, perforate 4 1/2" & 7" casings w/ four 3 1/2" strip-jet charges @ 1,029'. POOH w/ wireline, RD lubricator.
 6. RIH w/ 4 1/2" 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) 1,029 - 800'. POOH w/ packer. If unable to establish rate, pump 25 sx C cmt balanced plug @ 925'. WOC and tag this plug no deeper than 800'. **Top of salt & surface casing shoe plug**
 7. SI BOP and pressure-test casing 800' to surface to 500 psi. If casing does not test, isolate holes in casing prior to perforating.
 8. RU lubricator and RIH w/ wireline, perforate 4 1/2" & 7" casings w/ four 3 1/2" strip-jet charges @ 400'. POOH w/ wireline, RD lubricator.
 9. If casing tested, SI BOP and establish rate thru perforations. RIH w/ packer to 100'. Load hole, set packer, and establish rate into perforations at 1,000 psi or less, squeeze 50 sx C cement (1.32 ft³/sk yield, 66.0 ft³ slurry volume, 189' estimated fill) 400 - 300'. POOH w/ packer. If unable to establish rate, pump 25 sx C cmt balanced plug @ 450'.

10. RU lubricator and RIH w/ wireline, perforate 4½" & 7" casings w/ four 3½" strip-jet charges @ 50'. POOH w/ wireline, RD lubricator.
11. ND BOP and NU wellhead, circulate 40 sx C cement (1.32 ft³/sk yield, 52.8 ft³ slurry volume, 107' calculated fill in 9½" hole) 50' to surface. If unable to establish rate at 500 psi or less, circulate C cmf 50' to surface. **Surface plug**
12. SI well, RDMO.
13. 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

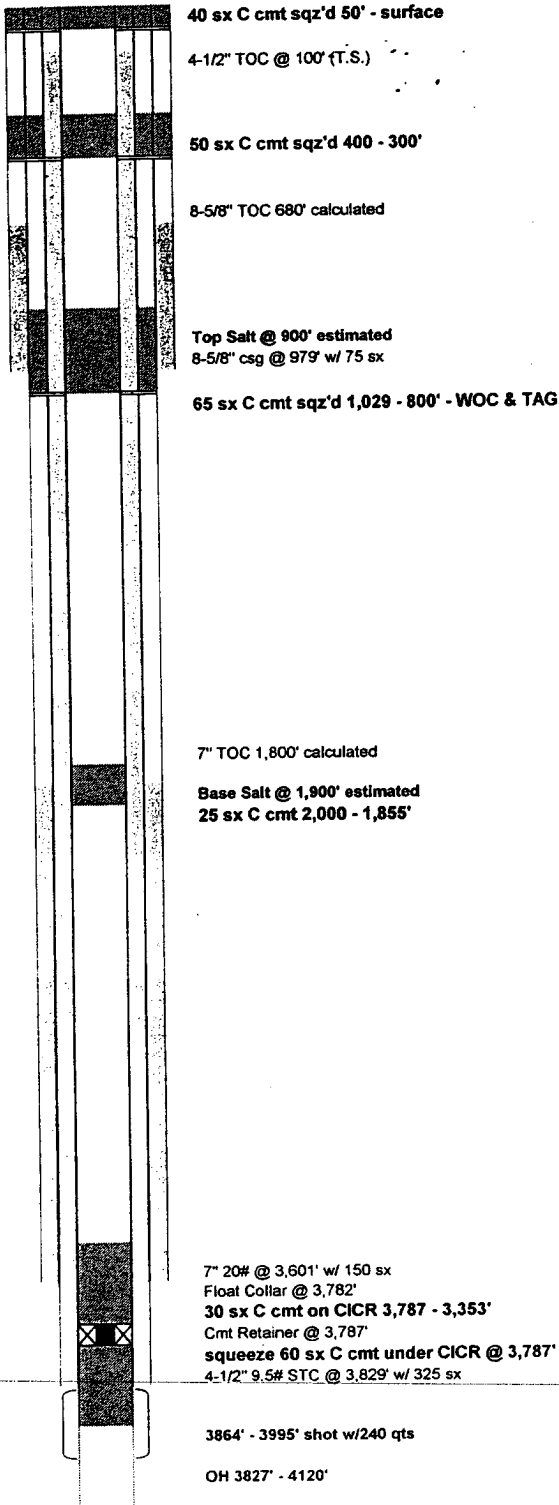
RKB @
 DF @ 4006'
 GL @

Subarea :
 Lease & Well No. :
 Legal Description :
 County :
 Field :
 Date Spudded :
 API Number :
 Status :
 Drilled as Miller 1-L

Maljamar
MCA Unit No. 76W
1910' FSL & 590' FWL, NW/4 SW/4 Sec. 23, T-17-S, R-32-E
Lea State New Mexico
Maljamar (Grayburg-San Andres)
1940 IPP:
30-025-00659
Plugged & Abandoned

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PROPOSED PLUGGING PROCEDURE

- 1) squeeze 60 sx C cmt under CICR @ 3,787'
- 2) 30 sx C cmt on CICR 3,787 - 3,353'
- 3) 25 sx C cmt 2,000 - 1,855'
- 4) 65 sx C cmt sqz'd 1,029 - 800' - WOC & TAG
- 5) 50 sx C cmt sqz'd 400 - 300'
- 6) 40 sx C cmt sqz'd 50' - surface

P8TD @ 3787'
 OTD @ 3987'
 NTD @ 4120'