

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 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 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)

**2,615' FSL & 2,610' FWL, Section 20, T-17-S, R-32-E, Unit Letter K**

5. Lease Serial No.  
**LC 029405B**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**MCA Unit #64**

9. API Well No.  
**30-025-12772**

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

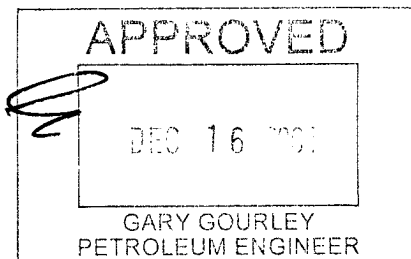
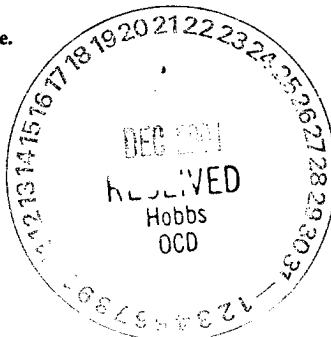
11. County or Parish, State  
**Lea, New Mexico**

**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 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 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)

GW

# WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

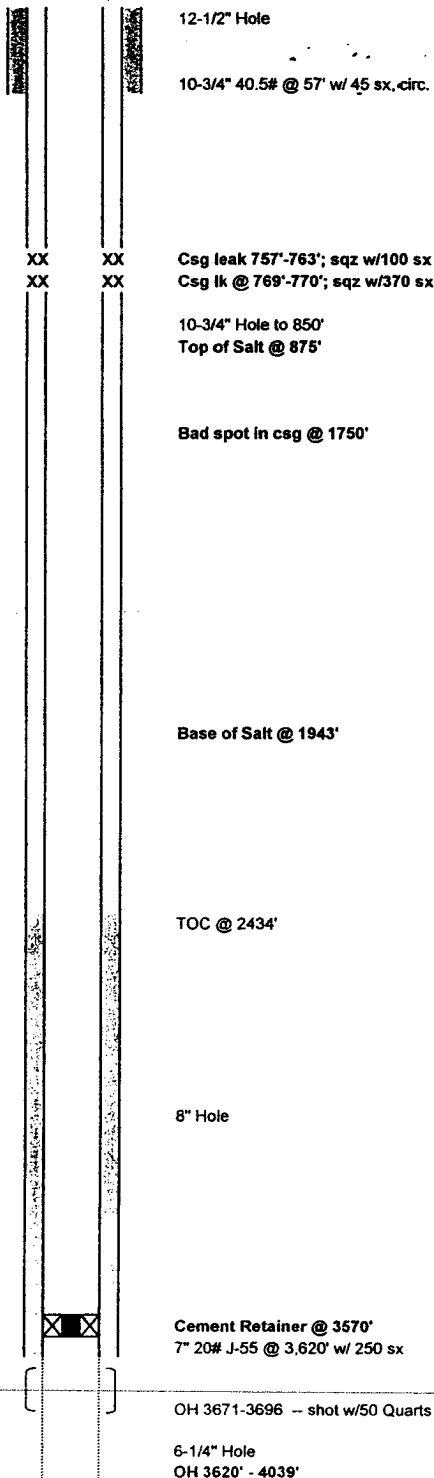
Date: October 25, 2004

RKB @  
DF @ 3997'  
GL @

Subarea : Maljamar  
Lease & Well No. : MCA Unit No. 64  
Legal Description : 2615' FSL & 2610' FVL., Sec. 20, T-17-S, R-32-E  
County : Lea State : New Mexico  
Field : Maljamar (Grayburg-San Andres)  
Date Spudded : Oct. 1, 1948 IPP:  
API Number : 30-025-12772  
Status: Temporarily Abandoned  
Drilled as Mitchell-B IP #5

## Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	Max ISIP	Max Rate
OH 3696-3671	12/1/48	Nitroglycerin	50 Quarts				
	1/20/49	Gas injection commenced					
	1/9/50	Csg leak 769'-770'; sqz w/370 sx					
	2/11/50	Swab 50 gals Rector Seal in casing					
	9/15/54	Csg leak 757'-763'; sqz w/100 sx					
	9/26/61	Change in name to Mitchell B No. 42					
	5/1/63	Effective w/Unitization renumbered to MCA Unit No. 64.					
	1/10/69	Gas injection stopped					
	1/30/69	Bad spot in csg @ 1750'					
3687-4024	5/6/69	Blast frac w/6000# explosives; Drill & CO to 3698'					
	1/18/74	Jet wash and cleanout 3671'-4039'					
3620-4039	9/30/76	Cleanout to 4039'					
	10/2/76	15% Rgular Acid	1,500				
	10/4/76	Scale treat w/2 drums Visco					
	3/9/81	Cleanout to 4025'					
	9/6/91	Fill @ 3659'; cleanout to 4039'					
	2/13/93	Fill @ 3664'; cleanout to 4039'					
	3/9/00	Set 7" cmt retainer @ 3570'					
		POOH laying down tubing					
	3/20/00	BLM Sundry Notice filed to temporarily abandon					
	10/26/04	Prepare Application for Abandonment of Well					



PBTD @ 3570'  
TD @ 4039'

## ConocoPhillips

### Proposed Plugging Procedure

**MCA Unit #64**

**API #42-025-12772**

**Maljamar Grayburg San Andres Field**

**Lea County, New Mexico**

#### See attached wellbore diagrams for wellbore configuration

CICR @ 3,570' (set March, 2000). 7" 20# casing @ 3,620', estimated TOC 2,434'; 10<sup>3</sup>/<sub>4</sub>" csg @ 57', circulated. SALT: 875 - 1,943'

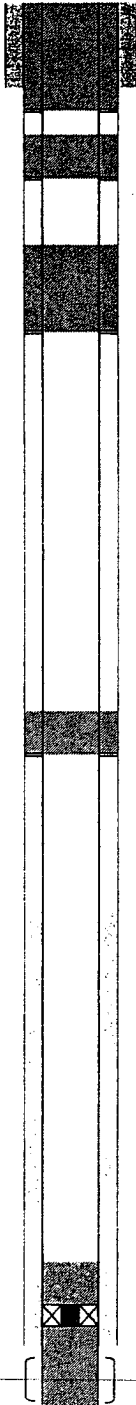
- Notify NMOCD & BLM 48 hrs prior to move in, and 4 hrs prior to plugs
  - Hold daily tailgate safety meetings w/ crews
  - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed. Deliver 3,600' 2<sup>3</sup>/<sub>8</sub>" workstring.
  2. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.
  3. RIH w/ stinger for Baker cement retainer on 2<sup>3</sup>/<sub>8</sub>" workstring to 3,570'. 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 ft<sup>3</sup>/sk yield, 79.2 ft<sup>3</sup> 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 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, 145' calculated fill) 3,570 - 3,425'. POOH w/ tbq. **GBSA Plug**
  4. RU lubricator and RIH w/ wireline, perforate 7" csg w/ four 1-11/16" link-jet charges @ 2,043'. POOH w/ wireline, RD lubricator.
  5. RIH w/ 7" AD-1 packer to 1,600' (bad spot in casing @ 1,750'). 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, 180' estimated fill in open hole) 2,043 - 1,943'. WOC as needed and POOH w/ packer. If unable to establish rate, pump 25 sx C cmt balanced plug @ 2,093'. WOC and tag this plug no deeper than 1,943'. 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 @ 875'. 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, 156' estimated fill) 875 - 700'. POOH w/ packer. If unable to establish rate, pump 25 sx C cmt balanced plug @ 925'. WOC and tag this plug no deeper than 700'. **Top of salt plug**
  8. SI BOP and pressure-test casing 700' 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. RIH w/ packer to 100'. Load hole, set packer, and establish rate into perforations at 1,000 psi or less, squeeze 50sx C cement (1.32 ft<sup>3</sup>/sk yield, 66.0 ft<sup>3</sup> slurry volume, 120' estimated fill) 400 – 300'. POOH w/ packer. If unable to establish rate, pump 25 sx C cmt balanced plug @ 450'.
11. RU lubricator and RIH w/ wireline, perforate 7" csg w/ four 1-11/16" link-jet charges @ 107'. POOH w/ wireline, RD lubricator.
12. ND BOP and NU wellhead, Circulate 75 sx C cement (1.32 ft<sup>3</sup>/sk yield, 99.0 ft<sup>3</sup> slurry volume, 180' calculated fill) 107' to surface. If unable to establish rate at 500 psi or less, circulate C cmt 157' to surface. **Surface plug**
13. SI well, RDMO.
14. 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: October 25, 2004

RKB @ \_\_\_\_\_  
 DF @ 3997'  
 GL @ \_\_\_\_\_



12-1/2" Hole

10-3/4" 40.5# @ 57' w/ 45 sx, circ.

75 sx C cmt sqz'd 107' - surface

50 sx C cmt sqz'd 400 - 300'

10-3/4" Hole to 850'

Csg leak 757'-763'; sqz w/100 sx  
 Csg lk @ 769'-770'; sqz w/370 sx

65 sx C cmt sqz'd 875 - 700' - WOC & TAG  
 Top of Salt @ 875'

Bad spot in csg @ 1750'

Base of Salt @ 1943'

50 sx C cmt sqz'd 2,043 - 1,943' - WOC & TAG

TOC @ 2434'

8" Hole

25 sx C cmt on CICR 3,570 - 3,425'

Cement Retainer @ 3570'  
 7" 20# J-55 @ 3,620' w/ 250 sx

squeeze 60 sx C cmt under CICR @ 3,570'  
 OH 3671-3696 -- shot w/50 Quarts

6-1/4" Hole  
 OH 3620' - 4039'

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 Lease & Well No. : MCA Unit No. 64  
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	3/9/00	Set 7" cmt retainer @ 3570'						
		POOH laying down tubing						
	3/20/00	BLM Sundry Notice filed to temporarily abandon						
	10/26/04	Prepare Application for Abandonment of Well						



**PROPOSED PLUGGING PROCEDURE**

- 1) squeeze 60 sx C cmt under CICR @ 3,570'
- 2) 25 sx C cmt on CICR 3,570 - 3,425'
- 3) 50 sx C cmt sqz'd 2,043 - 1,943' - WOC & TAG
- 4) 65 sx C cmt sqz'd 875 - 700' - WOC & TAG
- 5) 50 sx C cmt sqz'd 400 - 300'
- 6) 75 sx C cmt sqz'd 107' - surface

PBTD @ 3570'  
 TD @ 4039'