

**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

**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 060199A**

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 #277**

9. API Well No.  
**30-025-23733**

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**

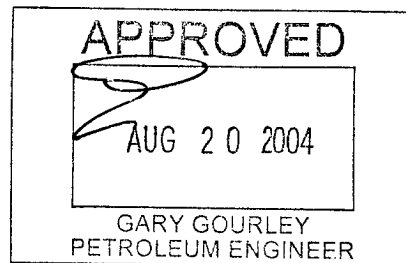
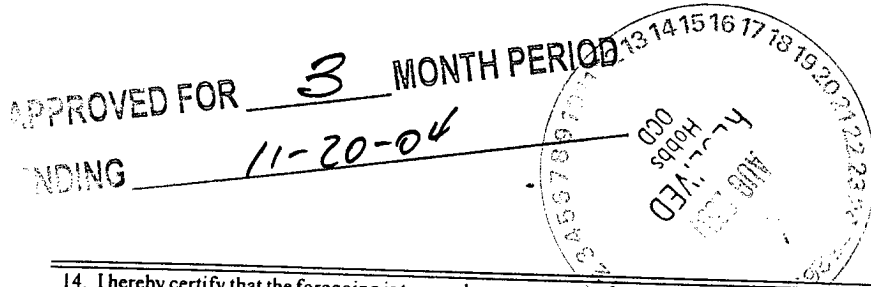
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1,295 FNL & 2,615 FEL, Section 29, T-17-S, R-32-E, Unit Letter B**

**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 plugging procedure & wellbore diagrams



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**James F. Newman, P.E.**

Signature

Title    **Engineer, Triple N Services, Inc. 432-687-1994**

Date    **08/18/2004**

**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

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

# WELLBORE SKETCH

ConocoPhillips Company - Permian Basin Business Unit

Date: August 1, 2004

RKB @  
DF @ 3966'  
GL @ 3955'

Subarea: Maljamar  
Lease & Well No.: MCA Unit No. 277  
Legal Description: 1295' FNL & 2615' FEL, Sec. 29, T-17-S, R-32-E  
County: Lea State: New Mexico  
Field: Maljamar (Grayburg-San Andres)  
Date Spudded: March 27, 1971 IPP: 4/27/71  
API Number: 30-025-23733 12 BO, 174 BW, 0 Mcl  
Status:

## Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Down
	4/71	Perf 3745-4033						
4018-4033	4/8/71	15% NE HCl						
4018-4033	4/8/71	1 drum United TH-763						
3963-3970	4/8/71	15% NE HCl						
	4/8/71	Communicated						
3920	4/8/71	Communicated						
3870-3970	4/9/71	Gelled Water						
	4/9/71	15% NEFE HCl						
3870-3970	4/9/71	Treat w/2 drums United TH-763						
3745-3798	4/9/71	15% NEFE HCl						
		Gelled Water						
	7/22/75	Tight spot @ 3765'						
	7/24/76	Casing collapsed @ 3765'						
		Left 11 joints 2-7/8" tbg stuck @ 3765'						
	11/28/78	well paraffined up						
	6/14/82	junk 105' over top perf						
	4/4/84	ran Temp Survey from Surface to 3720'						
		RA Tracer going out @ 1080'; 300' of salt section						
	12/2/88	Fish @ 3737', POOH w/18' of 2-7/8" tubing						
	12/9/88	Sqz casing; pmp 130 sx						
	12/12/88	DO cement 3555-3820						
		Set Whipstock @ 3780'; TD @ 4085'						
		Set 4-1/2" 10.23# liner 3583-4085', cmt w/80 sx						
		Perf 9th Zone S.A. 4051'-4016'						
		Perf L 7th Zone S.A. 3790-3941						
		Perf U 7th Zone S.A. 3922-3871						
		Perf 6th Zone GB 3809-3716						
4016-4051	12/29/88	15% NEFE HCl	900			100	2.0	
		Communicated to upper perms						
3716-3970	1/3/89	Frac						
	12/7/94	SI - Obstruction @ 3150', pull tbg. Set RBP @ 3150.						
	1/3/95	Sundry Notice to T.A.						
	12/31/03	Evaluate for reactivation in Queen						
		BLM Sundry Notice expires 12/22/04						
	8/1/04	Prepare Application for Abandonment of Well						

12-1/4" Hole  
8-5/8" 20# csg @ 750' w/ 375 sx, circ.

TOC 5-1/2" csg @ 2450'

RBP @ 3150'

TOC (Liner) @ 3330'

Top 4-1/2" Liner @ 3583'

Whipstock @ 3780'

6th Zone G.B.

3716 3723 3741 3746 3757 3763  
3766 3773 3779 3791 3797 3809

XX 3745-3764

XX 3765-3798

XX 3870-3895

XX 3920-3970

XX 4018-4033

U 7th Zone S.A.

3871 3878 3885 3887 3895

3898 3920 3922

L 7th Zone S.A.

3941 3961 3963 3967 3970

9th Zone

4016 4018 4021 4027 4028 4029

4033 4036 4040 4042 4048 4051

9 jts 2-7/8" tubing collapsed in casing  
Squeezed w/130 sx

PBTD  
OTD  
NTD

4083'  
4075'  
4085'

5-1/2" 14# csg @ 4083'  
Cmt/d w/300 sx  
TOC @ 2450' (T.S.)

4-1/2" 10.23# K-55 Liner 3583' - 4085'  
Cemented w/80 sx 50/50 POZ/Class C  
TOC @ 3330'

## ConocoPhillips

### Proposed Plugging Procedure

**MCA Unit #277**

**API #42-025-23733**

**Maljamar GBSA Field**

**Lea County, New Mexico**

**See attached wellbore diagrams for wellbore configuration**

RBP @ 3,150' due to casing obstruction @ 3,150' (set December 1994). 5½" csg @ 4,083', estimated TOC 2,450'; 8½" csg @ 750', circulated.

Top perforations 3716'. **ESTIMATED SALT DEPTHS:** 1,100 - 2,000'

- 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 possible. Deliver 3,200' 2¾" workstring.
  2. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.
  3. RIH w/ retrieving tool on 2¾" workstring to 3,150'. Latch on to RBP and POOH w/ RBP.
  4. RIH w/ 5½" cement retainer to 3,150'.
  5. RU cementer and circulate hole w/ plugging mud. Set retainer at 3,150' and establish rate into openhole. Squeeze 60 sx C cmt under retainer, sting out and pump 15 sx C cmt on retainer 3,150 – 3,000'. POOH w/ tubing. **GBSA Plug**
  6. RU lubricator and RIH w/ wireline, perforate 5½" csg w/ four 1-11/16" link-jet charges @ 2,100'. POOH w/ wireline, RD lubricator.
  7. RIH w/ 5½" AD-1 packer to 1,800'. 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> 2,100 – 2,000'. POOH w/ packer. If unable to establish rate, pump 25 sx C cmt balanced plug @ 2,200'. WOC and tag this plug no deeper than 2,000'. **Base of salt plug**
  8. RU lubricator and RIH w/ wireline, perforate 5½" csg w/ four 1-11/16" link-jet charges @ 1,100'. POOH w/ wireline, RD lubricator.
  9. RIH w/ 5½" AD-1 packer to 800'. 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> 1,100 – 1,000'. POOH w/ packer. If unable to establish rate, pump 25 sx C cmt balanced plug @ 1,200'. WOC and tag this plug no deeper than 1,090'. **Top of salt plug**
  10. RU lubricator and RIH w/ wireline, perforate 5½" csg w/ four 1-11/16" link-jet charges @ 800'. POOH w/ wireline, RD lubricator.
  11. RIH w/ 5½" AD-1 packer to 500'. 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> 800 – 700'. POOH w/ packer. If

unable to establish rate, pump 25 sx C cmt balanced plug @ 900'. WOC and tag this plug no deeper than 700'. **Surface casing shoe plug**

12. RU lubricator and RIH w/ wireline, perforate 5½" csg w/ four 1-11/16" link-jet charges @ 50'. POOH w/ wireline, RD lubricator.
13. ND BOP and NU wellhead. Establish circulation and squeeze 25 sx C cement 50' to surface, leaving casings full of cement. **Surface plug**
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**

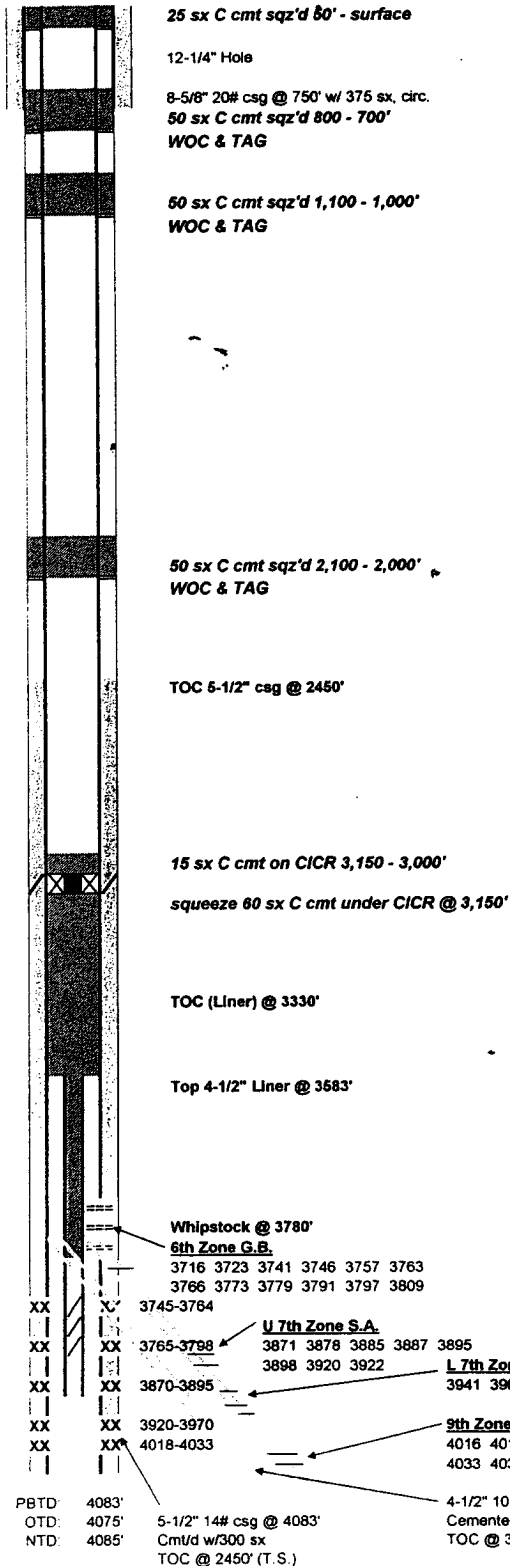
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 DF @ 3966'  
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		BLM Sundry Notice expires 12/22/04					
	8/1/04	Prepare Application for Abandonment of Well					



## **PROPOSED PLUGGING PROCEDURE**

- 1) squeeze 60 sx C cmt under CICR @ 3,150'
- 2) 15 sx C cmt on CICR 3,150 - 3,000'
- 3) 50 sx C cmt sqz'd 2,100 - 2,000' - WOC & TAG
- 4) 50 sx C cmt sqz'd 1,100 - 1,000' - WOC & TAG
- 5) 50 sx C cmt sqz'd 800 - 700' - WOC & TAG
- 6) 25 sx C cmt sqz'd 50' - surface

9 jts 2-7/8" tubing collapsed in casing  
 Squeezed w/130 sx