

# OCD-HOBBS

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  
**3300 N. "A" Street, Bldg. 6 #247 Midland, Texas 79705**

3b. Phone No. (include area code)  
**432-688-6884**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**660' FNL & 660' FWL, Section 30, T-17-S, R-33-E, Unit Letter D**

5. Lease Serial No.  
**LC 058697B**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**MCA Unit #133**

9. API Well No.  
**30-025-01560**

10. Field and Pool, or Exploratory Area  
**Maljamar GB/SA**

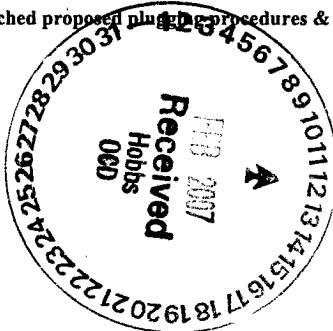
11. County or Parish, State  
**Lea, New Mexico**

### 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 proposed plug and abandonment procedures & current/proposed wellbore diagrams



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

**02/02/2007**

### THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *Gay Wink*  
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

Office

**APPROVED**

Date

**FEB 8 2007**

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

**FREDERICK WRIGHT  
PETROLEUM ENGINEER**

**CURRENT WELLBORE SKETCH**  
**ConocoPhillips Company --Lower 48 Mid-Continent BU / Odessa**

Date: January 8, 2007

RKB @ 4040'  
 DF @ 4039'  
 GL @ 4037'

Subarea : Majamar  
 Lease & Well No. : MCA Unit No. 133W  
 Legal Description : 660' FNL & 660' FWL, Sec. 30, T-17-S, R-33-E  
 County : Lea State : New Mexico  
 Field : Majamar (Grayburg-San Andres)  
 Date Spudded : Feb. 15, 1943 Rig Released: April 21, 1943  
 API Number : 30-025-01560  
 Status: Lease Serial No. LC-058697B  
 Drilled as Pearl Miller No. 11-B

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
4188-4248	1947	Nitro	120 Quarts				
	7/56	Plug back to 4225 with Calseal					
3913-4225	7/17/56	Lease Crude	10,000	15,000	3900		17.1
	5/1/63	Unitized MCA 133					
4065-4150	1/24/64	Crude	15,200	12,600	4900	2750	15.7
	2/2/68	Convert to water injection					
	4/22/77	Run casing inspection log					
	5/2/77	Deepen to 4254', unable to go deeper due to junk in hole					
	5/3/77	Set BP @ 4069'					
	5/4/77	Run 4-1/2" 10.5# J-55 ST&C liner (23 jts)					
	5/12/77	Push OH BP to 4250'					
4000-4250	5/13/77	15% NEFE HCl	3,000	600# RS			
	2/18/91	Possible bad casing from 3834-3967'					
	3/4/91	Temperature Survey - Major Losses 4090-4200					
	1/14/2003	replaced 5 jts tbg, circ packer fluid, set packer & tested					

10" 45.5# csg @ 21' cmt'd w/ 20 sx

Top Salt @ 1,265'

Base Salt @ 2,332'

4 1/2" TOC 3,035' calculated  
 Top 4-1/2" Liner @ 3,087'

N/A Hole Size

MX-1 packer w/ on/off tool & 1.78" F profile @ 3,747'  
 2-3/8" IPC tubing

7" 20# csg @ 3,913' cmt'd w/ 200 sx

4-1/2" 10.5# J-55 ST&C LINER 4067' - 3087'  
 Cmt'd w/90 sx

6-1/2" Hole  
 Openhole 4067 - 4250'  
 OH BP @ 4250'

PBTD @ 4250'  
 OTD @ 4248'  
 NTD @ 4254'

Formation Tops:

Rustler	Grayburg 5th
Top Salt	Grayburg 6th
Base Salt	San Andres
Yates	San Andres 7th
Seven Rivers	San Andres 8th
Queen	San Andres 9th

JUNK IN HOLE --

OH BP, wireline collar locator w/sinker bar and bits of steel on bottom

## ConocoPhillips

### Proposed Plugging Procedure

**MCA Unit #133**

**API #30-025-01560**

**Maljamar (Grayburg-San Andres) Field**

**Lea County, New Mexico**

Casings: 10" 45.5# casing @ 21' cmt'd w/ 20 sx  
7" 20# casing @ 3,913' cmt'd w/ 200 sx, TOC @ 3,035' calculated  
4½" 10.5# liner 3,087 - 4,067' cmt'd w/ 90 sx, circulated to liner top  
Open hole 4,067 - 4,250'

- 2⅜" IPC tubing & MX-1 packer set w/ 1.78" 'F' nipple @ 3,747' (as of 01/14/03)
  - 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. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.
  2. Release packer and POOH laying down IPC tubing and packer.
  3. RIH w/ cement retainer on 2⅜" workstring to 3,747'. RU cementer & set cement retainer @ 3,747'. Sting out of retainer and circulate hole w/ plugging mud. Sting into retainer and establish rate below retainer. Squeeze 50 sx C cmt (1.32 ft³/sk yield, 66.0 ft³ slurry volume, calculated fill 737' in 4½" 10.5# casing). Sting out of retainer and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 369' in 4½" 10.5# casing) 3,747 - 3,378'. POOH w/ tubing to 3,137'. **Grayburg San Andres plug**
  4. With tubing at 3,137', pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 175' in 4½" 10.5# x 7" 20# casings, ) 3,137 - 2,962'. POOH w/ tubing. **liner-top plug**
  5. RU lubricator and RIH w/ four 1-11/16" link-jet perforating charges on wireline, and perforate 7" casing with four squeeze holes @ 2,432'. POOH w/ wireline.
  6. RIH w/ AD-1 packer to 2,000'. Load hole w/ mud and set packer. Establish rate into perforations at 1,200 psi or less. Squeeze 50 sx C cement w/ 2% CaCl₂ (1.32 ft³/sk yield, 66.0 ft³ slurry volume, calculated fill 158' in 8¾" open hole) 2,432 - 2,274'. WOC & tag this plug no deeper than 2,332'. POOH w/ packer. If unable to establish rate at 1,200 psi or less, contact both BLM & NMOCD for balanced plug approval. **Base of salt plug**
  7. RU lubricator and RIH w/ four 1-11/16" link-jet perforating charges on wireline, and perforate 7" casing with four squeeze holes @ 1,265'. POOH w/ wireline.
  8. RIH w/ AD-1 packer to 900'. Load hole w/ mud and set packer. 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, calculated fill 158' in 8¾" open hole) 1,265 - 1,107'. WOC & tag this

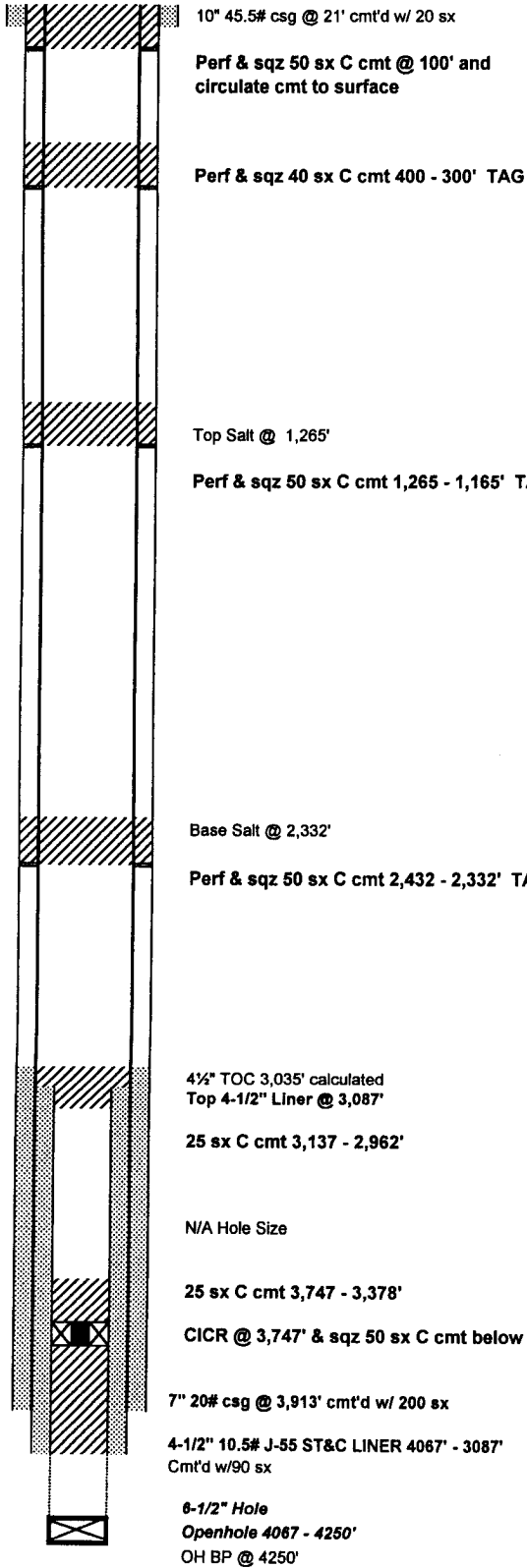
plug no deeper than 1,165'. POOH w/ packer. If unable to establish rate at 1,000 psi or less, contact both BLM & NMOCD for balanced plug approval. **top of salt plug**

9. RU lubricator and RIH w/ four 1-11/16" link-jet perforating charges on wireline, and perforate 7" casing with four squeeze holes @ 400'. POOH w/ wireline.
10. RIH w/ AD-1 packer to 180'. Load hole w/ mud and set packer. Establish rate into perforations at 800 psi or less. Squeeze 40 sx C cement w/ 2%  $\text{CaCl}_2$  (1.32 ft<sup>3</sup>/sk yield, 52.8 ft<sup>3</sup> slurry volume, calculated fill 126' in 8<sup>3</sup>/<sub>4</sub>" open hole) 400 - 274'. WOC & tag this plug no deeper than 300'. POOH w/ packer. If unable to establish rate at 800 psi or less, contact both BLM & NMOCD for balanced plug approval. **Freshwater plug**
11. RU lubricator and RIH w/ four 1-11/16" link-jet perforating charges on wireline, and perforate 7" casing with four squeeze holes @ 100'. POOH w/ wireline.
12. ND BOP, NU wellhead. Establish rate into perforations at 500 psi or less and circulate 50 sx C cement (1.32 ft<sup>3</sup>/sk yield, 66.0 ft<sup>3</sup> slurry volume, calculated fill 158' in 8<sup>3</sup>/<sub>4</sub>" open hole) 100' to surface. If unable to establish rate at 500 psi or less, contact both BLM & NMOCD for balanced plug approval. **surface plug**
13. RDMO location. Clean steel pit & haul fluids to disposal. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

**PROPOSED PLUGGED WELLBORE SKETCH**  
**ConocoPhillips Company -Lower 48 Mid-Continent BU / Odessa**

Date: February 2, 2007

RKB @ 4040'  
 DF @ 4039'  
 GL @ 4037'



Subarea : Maljamar  
 Lease & Well No. : MCA Unit No. 133W  
 Legal Description : 660' FNL & 660' FWL, Sec. 30, T-17-S, R-33-E  
 County : Lea State : New Mexico  
 Field : Maljamar (Grayburg-San Andres)  
 Date Spudded : Feb. 15, 1943 Rig Released: April 21, 1943  
 API Number : 30-025-01560  
 Status: PROPOSED PLUGGED Lease Serial No. LC-058697B  
 Drilled as Pearl Miller No. 11-B

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	2/2/68	Convert to water injection					
	4/22/77	Run casing inspection log					
	5/2/77	Deepen to 4254', unable to go deeper due to junk in hole					
	5/3/77	Set BP @ 4069'					
	5/4/77	Run 4-1/2" 10.5# J-55 ST&C liner (23 jts)					
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4000-4250	5/13/77	15% NEFE HCl	3,000	600# RS			
	2/18/91	Possible bad casing from 3834-3967'					
	3/4/91	Temperature Survey - Major Losses 4090-4200					
	1/14/2003	replaced 5 jts tbq, circ packer fluid, set packer & tested					



**PROPOSED PLUGGING PROCEDURE**

- 1) CICR @ 3,747' & sqz 50 sx C cmt below CICR
- 2) 25 sx C cmt 3,747 - 3,378'
- 3) 25 sx C cmt 3,137 - 2,962'
- 4) Perf & sqz 50 sx C cmt 2,432 - 2,332' TAG
- 5) Perf & sqz 50 sx C cmt 1,265 - 1,165' TAG
- 6) Perf & sqz 40 sx C cmt 400 - 300' TAG
- 7) Perf & sqz 50 sx C cmt 100' to surface, circ cmt

**Capacities**

4 1/2" 10.5# csg:	11.173 ft/ft3	0.0895 ft3/ft
8 1/2" openhole:	2.3947 ft/ft3	0.4176 ft3/ft
7" 20# csg:	4.3995 ft/ft3	0.2273 ft3/ft
8 1/4" 24# csg:	2.797 ft/ft3	0.3575 ft3/ft
13 1/4" 61# csg:	1.711 ft/ft3	0.8542 ft3/ft

**Formation Tops:**

Rustler	Grayburg 5th
Top Salt	Grayburg 6th
Base Salt	San Andres
Yates	San Andres 7th
Seven Rivers	San Andres 8th
Queen	San Andres 9th

**JUNK IN HOLE --**

OH BP, wireline collar locator w/sinker bar and bits of steel on bottom

PBTD @ 4250'  
 OTD @ 4248'  
 NTD @ 4254'

**SUNDRY NOTICE SPECIAL STIPULATIONS**

1. Approval is granted to plug this well with the following modification:
2. The plugs @ 3747', 3137' 2432', 1265' and 400' must be tagged.

**\*\*\*All plugs below the surface plug must be at least 100' and 25 sacks of cement plus an additional 10% for each 1000 feet of depth.**

**ALL OF THE WORK AUTHORIZED HERE MUST BE COMPLETED WITHIN  
90 DAYS.**

**Engineering  
can be reached at 505-706-2779 for any variances that might be necessary.**

**F Wright 2/08/07**