

**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** *nmlc*

*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 Street, Odessa, TX 79762**

3b. Phone No. (include area code)  
**432-368-1266**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Unit Letter "I", Section 23, Township 17S, Range 32E, 660' FEL & 1980' FSL**

5. Lease Serial No.  
**058698A**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**79**

9. API Well No.  
**30-025-00647**

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

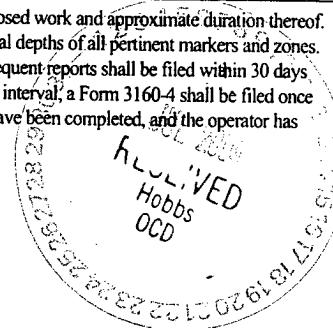
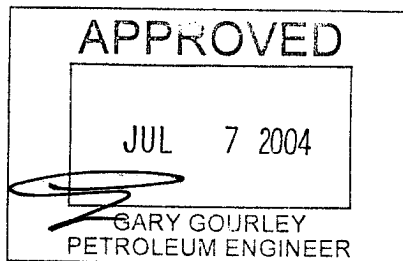
11. County or Parish, State  
**Lea**

**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 Procedure



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

**Tim L. Chase**

Title **Senior Engineer Technician**

Signature

Date

**06/23/2004**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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)

## ConocoPhillips

### Proposed Plugging Procedure

**MCA Unit #79**

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

**Lea County, New Mexico**

**See attached wellbore diagrams for wellbore configuration**

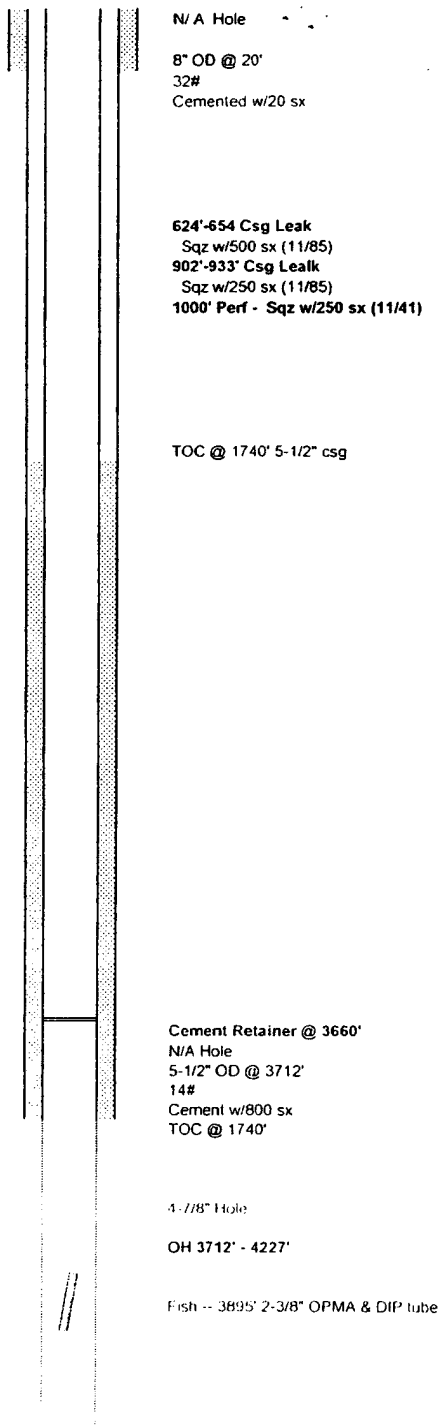
TA'd (06/99) w/ CICR (no cement cap) @ 3,660'; 5½" casing @ 3,712' w/ isolated Open Hole 3,712 – 4,227';

- Notify OCD 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 3,500' 2⅜" workstring.
  2. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP.
  3. RIH w/ workstring, tag CICR @ 3,660'. Circulate hole w/ plugging mud and pump 25 sx C cement on CICR to 3,560'. POOH w/ workstring. **GBSA Plug**
  4. RU lubricator and RIH w/ wireline, perforate 5½" casing w/ four 1-11/16" link-jet perforating gun @ 1,700'. POOH w/ wireline, RD lubricator.
  5. RIH w/ 5½" AD-1 packer. Circulate hole w/ plugging mud and pump 35 sx C cement @ 1,700 – 1,600'. **Base of Salt Plug – WOC & TAG**. POOH w/ tubing.
  6. RU lubricator and RIH w/ wireline, perforate 5½" casing w/ four 1-11/16" link-jet perforating gun @ 850'. POOH w/ wireline, RD lubricator.
  7. RIH w/ 5½" AD-1 packer. Load hole w/ plugging mud. Set packer. Establish rate into perforations and squeeze 35 sx C cement w/ 2% CaCl<sub>2</sub> @ 850 – 750'. **Top of Salt Plug – WOC & TAG**. POOH w/ tubing.
  8. RU lubricator and RIH w/ wireline, perforate 5½" casing w/ four 1-11/16" link-jet perforating gun @ 50'. POOH w/ wireline, RD lubricator.
  9. ND wellhead and NU BOP, establish circulation and circulate 25 sx C cement 50' to surface. **Surface Plug**
  10. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

**CURRENT WELLBORE SKETCH**  
**ConocoPhillips Company -- Permian Basin Business Unit**

Date: May 16, 2004

RKB @ \_\_\_\_\_  
 DF @ 4026.5'  
 GL @ 4022.0'



Subarea : Maljamar  
 Lease & Well No. : MCA Unit No. 79  
 Legal Description : 1980' FSL & 660' NE/4 SE/4 Sec. 23, T-17-S, R-32-E  
 County : Lea State : New Mexico  
 Field : Maljamar (GB-SA)  
 Date Spudded : 10/24/41 IPP: \_\_\_\_\_  
 API Number : 30-025-00647  
 Status: \_\_\_\_\_  
 Drilled as Miller-A No. 10

**Stimulation History:**

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
DRILLED WITH CABLE TOOLS								
4020-4225	6/11/42	Nitroglycerin	400 Quarts					
4020-4200	2/15/48	Nitroglycerin	450 Quarts 4" Shells					
3812-3891	2/16/48	Nitroglycerin	200 Quarts 4" Shells					
3712-4227	8/11/58	Refined Oil (RO)	15,000	30,000	4800		12.5	
	5/1/63	Unitized as MCA Unit No. 79						
	6/5/70	65' 2-3/8" tubing in hole @ 4111'						
	3/22/75	Put 500 gal acid down tubing						
	11/17/77	Well not responding to waterflood, Test: 0 - 2 BO and 0 - 2 BW						
	11/30/77	Laydown rods and pump - Shut-In						
	2/9/78	Tubing raised to 3647'						
	1/9/84	Laydown tubing for inspection						
	10/25/85	CO and jet wash to 3936'; pmp 3000 gals 15% acid						
	11/8/85	Set RBP @ 2508', pkr @ 442', pmp 500 sx cmt; TOC 535'						
	11/3/85	Set RBP @ 2520', Pkr @ 683', pmp 250 sx on btm hole 902'-933'						
	12/27/85	Test: 5 BO, 352 BW						
	10/27/88	CO to 3895', bad fill below this point; 2-7/8" OPMA and DIP tube left in hole						
	12/6/90	CO and jet wash to 4180'						
OH 3712-4227	5/5/98	15% NEFE	1,800	2000# RS	1906	1857		
	6/9/99	Set cement retainer @ 3660', circ pkr fluid, 1st csg 500 #, lost 20# in 30 minutes.						
		Temporarily Abandoned						
	5/16/04	Recommend testing Queen for uphole potential or plug and abandonment by 6/21/04.						

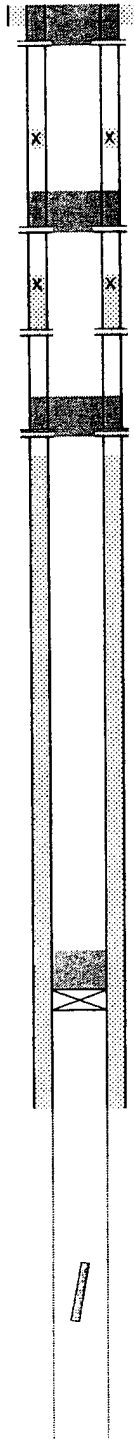
**Formation Tops:**

PRD @ 3650'  
 TD @ 4022'

**PROPOSED WELLBORE SKETCH**  
**ConocoPhillips Company – Permian Basin Business Unit**

Date: June, 14, 2004

RKB @ \_\_\_\_\_  
 DF @ 4026.5'  
 GL @ 4022.0'



8" 32# @ 20' W/ 2Q sx  
 4) 25 sx C cmt 50' - Surface  
 Perf & Sqz

624'-654' Csg Leak Sqzd w/500 Sx (11/85)

3) 35 sx 850 - 750'  
 Perf & Sqz Under Pkr  
 Top of Salt @ 850' - TAG

902'-933' Csg Leak Sqzd w/250 Sx (11/85)

1000' Perf - Sqzd w/250 sx (11/41)

2) 35 sx 1,700 - 1,600'  
 Perf & Sqz Under Pkr  
 Base of Salt @ 1,820' - TAG  
 TOC @ 1740' 5-1/2" csg

1) 25 sx on existing CICR 3,660 - 3,560'

**Cement Retainer @ 3660'**

5-1/2" 14# @ 3712' w/ 800 sx  
 TOC @ 1740'

4-7/8" Hole

**OH 3712' - 4227'**

Fish -- 3895' 2-3/8" OPMA & DIP tube

PBTD 3660'  
 TD 4227'

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10/27/88 CO to 3895', bad fill below this point; 2-7/8" OPMA and DIP tube left in hole  
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 Temporarily Abandoned  
 5/16/04 Recommend testing Queen for uphole potential or plug and abandonment by 6/21/04.

**PROPOSED PLUGGING PROCEDURE**

- 1) 25 sx C cement on existing CICR, Balanced @ 3,660 - 3,560'
- 2) 35 sx C cement plug, Squeeze Under Packer @ 1,700 - 1,600' TAG
- 3) 35 sx C cement plug, Squeeze Under Packer @ 850 - 750' TAG
- 4) 25 sx C cement plug, Squeeze @ 50' - Surface