

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
March 4, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.  
**30-025-00647**

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
**058698A**

7. Lease Name or Unit Agreement Name  
**MCA Unit**

8. Well Number **79**

9. OGRID Number **217817**

10. Pool name or Wildcat  
**Maljamar; Grayburg-San Andres**

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

**ConocoPhillips Company Attn: Celeste Dale**

3. Address of Operator

**4001 Penbrook Street Odessa, Texas 79762**

4. Well Location

Unit Letter **I** : **660** feet from the **East** line and **1980** feet from the **South** line

Section **23** Township **17S** Range **32E** NMPM County **Lea**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL **I** Sect **23** Twp **17S** Rng **32E** Pit type **Steel** Depth to Groundwater **70'** Distance from nearest fresh water well **2-1/2 mile**

Distance from nearest surface water **2-1/2 mile**. Below-grade Tank Location UL **I** Sect **23** Twp **17S** Rng **32E** ;

**feet from the line and feet from the line**

**Using Steel Pit**

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

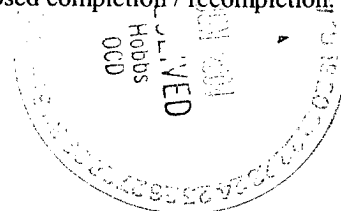
CASING TEST AND CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach WBD of proposed completion / recompletion.

See Attached plugging procedure.

THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OGD-approved plan ☐.

SIGNATURE Jim L. Chase

TITLE Senior Engineer Technician DATE 6/14/04

Type or print name Tim L. Chase

E-mail address: Jim@TriplenServices.com Telephone No. (432) 570-0029

(This space for State use)

APPROVED BY Harry W. Wink FIELD REPRESENTATIVE II / STAFF MANAGER

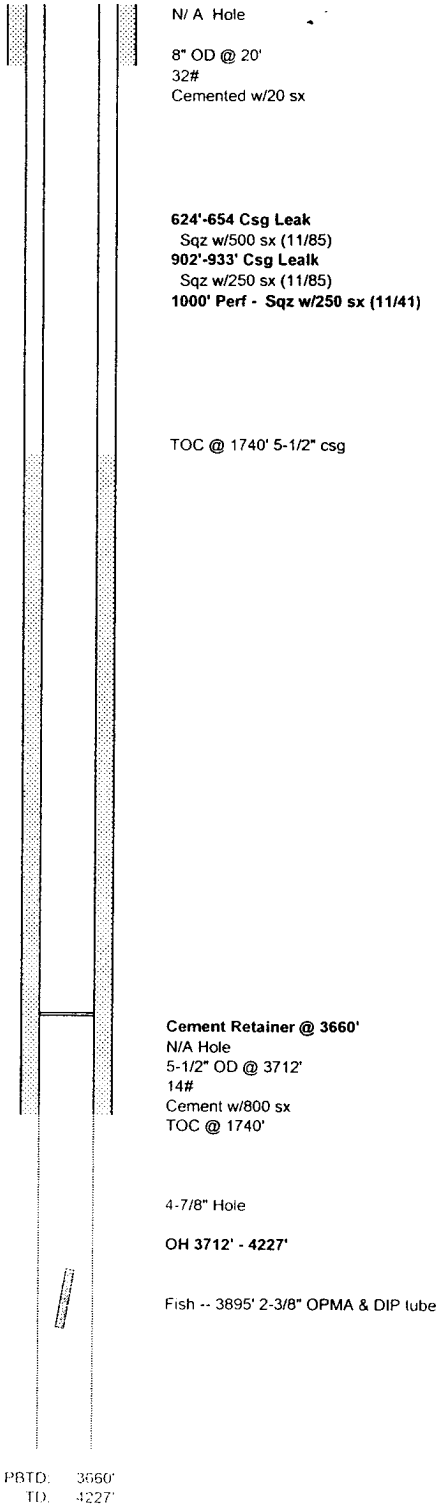
Conditions of approval, if any:

JUN 22 2004

**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:**

<u>Interval</u>	<u>Date</u>	<u>Type</u>	<u>Gals</u>	<u>Lbs. Sand</u>	<u>Max Press</u>	<u>ISIP</u>	<u>Max Rate</u>	<u>Down</u>
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, tst 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:**

## 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';

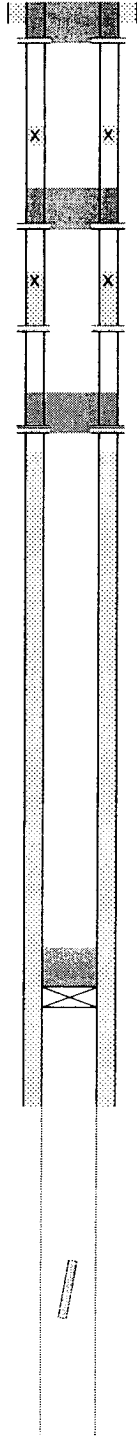
- Notify OCD 48 hrs prior to move in, and 4 hrs prior to plugs
  - Hold daily tailgate safety meetings w/ crews
  - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed. Deliver 3,500' 2⅜" workstring.
  2. MIRU plugging equipment. 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.

→ SPOT 100' PLUG F/400' - 300' FW

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

Date: June, 14, 2004

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



8" 32# @ 20' W/ 20 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'

Subarea : Maljamar  
 Lease & Well No. : MCA Unit No. 79  
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 Date Spudded : 10/24/41 IPP: \_\_\_\_\_  
 API Number : 30-025-00647  
 Status: \_\_\_\_\_  
 Drilled as Miller-A No. 10

10/27/88 **CO to 3895', bad fill below this point; 2-7/8" OPMA and DIP tube left in hole**  
 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.**



**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