

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. <b>30-025-08061</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>029405A</b>
7. Lease Name or Unit Agreement Name <b>MCA Unit</b>
8. Well Number <b>24</b>
9. OGRID Number <b>217817</b>
10. Pool name or Wildcat <b>Maljamar; Grayburg-San Andres</b>

**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  **Injector**

2. Name of Operator:  
**ConocoPhillips Company Attn: Celeste Dale**

3. Address of Operator  
**4001 Penbrook Street Odessa, Texas 79762**

4. Well Location  
 Unit Letter **e B**: **660** feet from the **North** line and **1980** feet from the **East** line  
 Section **20** Township **17S** Range **32E** NMPM County **Lea**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**GL 4,012'**

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

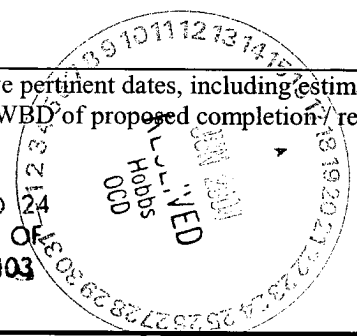
Pit Location: UL C Sect 20 Twp 17S Rng 32E Pit type Steel Depth to Groundwater 70' Distance from nearest fresh water well 1-1/2 mile.  
 Distance from nearest surface water 1-1/2 mile Below-grade Tank Location UL      Sect      Twp      Rng      ;  
     feet from the      line and      feet from the      line **Using Steel Pit**

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 OCD-approved plan .

SIGNATURE Tim L. Chase TITLE Senior Engineer Technician DATE 6/10/04

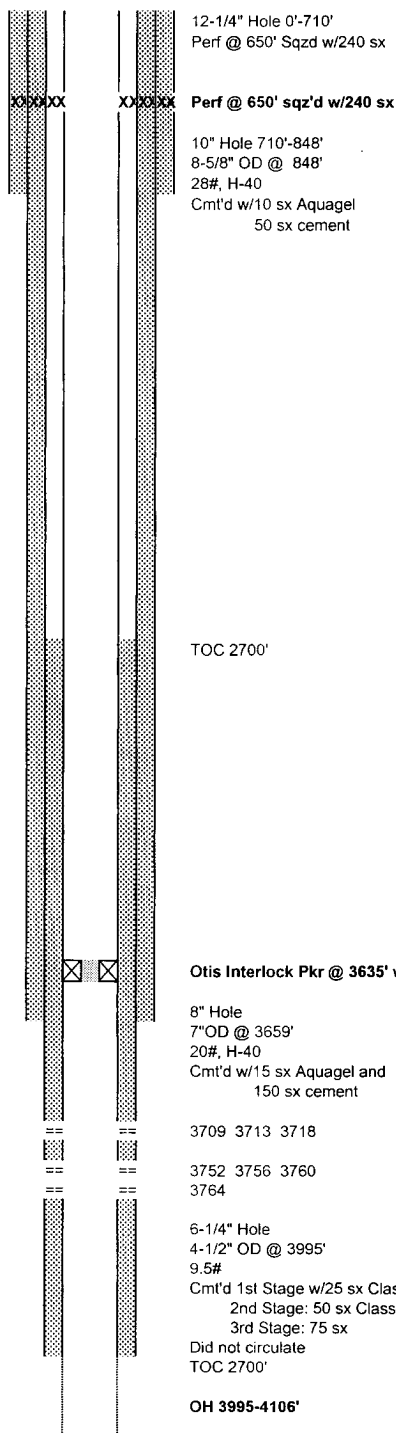
Type or print name Tim L. Chase E-mail address: Jim@TriplenServices.com Telephone No. (432) 570-0029

(This space for State use)  
 APPROVED BY Harry W. Wink DATE JUN 22 2004  
 Conditions of approval, if any: OFFICE REPRESENTATIVE II/STAFF MANAGER

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

Date: May 16, 2004

RKB @ 4015'  
 DF @ 4014'  
 GL @ 4012'



Subarea : Maljamar  
 Lease & Well No. : MCA Unit No. 24  
 Legal Description : 660' FNL & 1980' FEL, Sec. 20, T-17-S, R-32-E  
 County : Lea State : New Mexico  
 Field : Maljamar (GB-SA)  
 Date Spudded : June 15, 1944 IPP: 9/1/44  
 API Number : 30-025-08061 248 BO, 0 BW, 0 Mcf  
 Status: \_\_\_\_\_  
**Drilled as Mitchell-A No. 18**

**Stimulation History:**

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Down
DRILLED WITH CABLE TOOLS								
4020-4060	3/6/46	Nitroglycerin	160 Quarts					
3918-3950	3/7/46	Nitroglycerin	105 Quarts					
		Open hole 3659-4080'						
	5/1/63	Renamed MCA Unit Unit No. 24 (unitization)						
	1/19/66	Run rods and tubing						
	2/10/67	Converted to water injection 1600 BWPD @ 300# pressure						
	2/15/67	Test: 1107 BWIPD @ 0 psi						
	9/21/67	Run 117 jts 2-3/8" Cmt lined tbg 3602', Baker Pkr @ 3605' w/12 pts tension						
	6/24/73	Pulled cement lined tubing; jet wash & CO to 4106'						
	6/28/73	<b>Set 4-1/2" csg @ 3992'</b>						
	6/30/73	<b>Perf 3709'-3764'</b>						
3752-3764	7/1/73	15% NE	500	5 BS	5000		3.0	ball out
3709-3718	7/1/73	15% NE	500	4 BS	4000		4.0	
3709-3764	7/1/73	TFGW	10,000	20,000	4100	1800	13.4	
	6/29/83	Chemical Cleanout						
	6/1/88	Shut-in because of pkr or casing leak						
	8/9/88	POH w/Guiberson pkr. RIH w/Interlock pkr						
	8/11/88	Placed back on injection						
	5/21/91	<b>Perf 4-1/2" csg @ 650' and sqz w/240 sx cmt to shut off wrt flow and communication</b>						
	10/1/92	Casing Integrity Test						
	12/15/94	Lay down tubing on racks, load well with packer fluid 4-1/2" Otis Interlock pkr w/plug @ 3635'						
		<b>TEMPORARILY ABANDONED</b>						
	5/14/04	<b>Recommendation to recomplete in Yates or plug and abandon. Sundry Noticed expires 12/22/04</b>						

OTIS Interlock Pkr @ 3635' w/plug

8" Hole  
 7"OD @ 3659'  
 20#, H-40  
 Cmt'd w/15 sx Aquagel and  
 150 sx cement

3709 3713 3718

3752 3756 3760  
 3764

6-1/4" Hole  
 4-1/2" OD @ 3995'  
 9.5#  
 Cmt'd 1st Stage w/25 sx Class C  
 2nd Stage: 50 sx Class C  
 3rd Stage: 75 sx  
 Did not circulate  
 TOC 2700'

OH 3995-4106'

**Formation Tops:**

Yates	2125'	2295' Red Bed Shale - show of gas
Artesia Red Sand	3075'	3689-3694 show oil and gas
Grayburg	3465'	4035-4045 show of gas
San Andres	3825'	4062 increase in gas

PBTD: 3635'  
 OTD: 4080'  
 NTD: 4106'

## ConocoPhillips

### Proposed Plugging Procedure

**MCA Unit #24**  
**Maljamar (Grayburg-San Andres) Field**  
**Lea County, New Mexico**

**See attached wellbore diagrams for wellbore configuration**

TA'd (12/94) w/ 4½" OTIS Interlock Packer w/ plug @ 3,635'; 4½" casing perf'd & sqzd @ 650' w/ 240 sx cmt to repair csg leak 06/73. All perms (3,709 – 3,764') are isolated.

- Notify OCD 48 hrs prior to move in, and 4 hrs prior to plugs
  - Hold daily tailgate safety meetings w/ crews
  - Contact NM Digress (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed. Deliver 3,635' 2¾" workstring.
  2. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP.
  3. RIH w/ workstring, tag packer @ 3,635'. Circulate hole w/ plugging mud and pump 25 sx C cement on packer to 3,535'. POOH w/ tubing. **GBSA Plug**
  4. RU lubricator and RIH w/ wireline, perforate 4½" casing w/ four 1-11/16" link-jet perforating gun @ 1,930'. POOH w/ wireline, RD lubricator.
  5. RIH w/ 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> @ 1,930 – 1,830'. **Base of Salt Plug – WOC & TAG**. POOH w/ tubing.
  6. RU lubricator and RIH w/ wireline, perforate 4½" casing w/ four 1-11/16" link-jet perforating gun @ 1,000'. POOH w/ wireline, RD lubricator.
  7. RIH w/ AD-1 packer. Load hole w/ plugging mud. Set packer. Establish rate into perforations and squeeze 70 sx C cement w/ 2% CaCl<sub>2</sub> @ 1,000 – 798'. **Top of Salt Plug / Casing Shoe – WOC & TAG**. POOH w/ tubing.
  8. RU lubricator and RIH w/ wireline, perforate 4½" 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' FRESH WATER

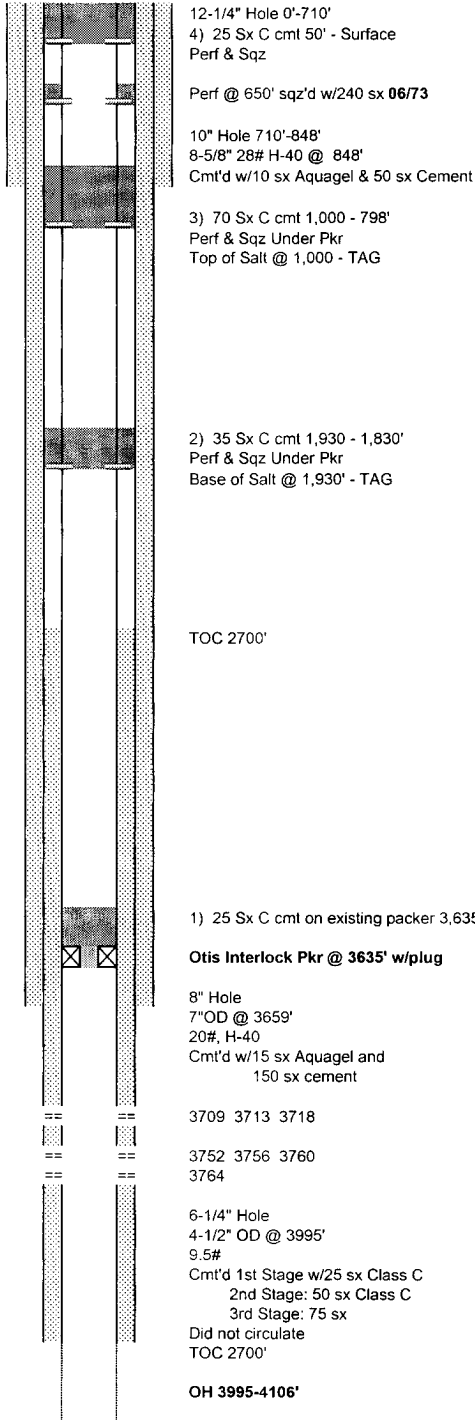
**PROPOSED WELLBORE SKETCH**  
**ConocoPhillips Company -- Permian Basin Business Unit**

Date: June 9, 2004

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 DF @ 4014'  
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**Sundry Noticed expires 12/22/04**



**TRIPLE N**  
SERVICES INC.  
MIDLAND TX

**PROPOSED PLUGGING PROCEDURE**

- 1) CIBP w/ 25 sx C cement on existing Packer, Balanced @ 3,635 - 3,535'
- 2) 35 sx C cement plug, Squeeze Under Packer @ 1,930 - 1,830' TAG
- 3) 70 sx C cement plug, Squeeze Under Packer @ 1,000 - 798' TAG
- 4) 25 sx C cement @ 50' - surface, Perf & Squeeze

PBTD: 3635'  
 OTD: 4080'  
 NTD: 4106'

**Formation Tops:**

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