

UNITED STATES OF AMERICA
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
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)

1,345' FSL & 25' FEL, Section 19, T-17-S, R-32-E, Unit Letter H

5. Lease Serial No.
LC 029405A

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 #298

9. API Well No.
30-025-23825

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

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 recompletable 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 recompletable 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 CURRENT & PROPOSED PLUGGED WELLBORE DIAGRAMS AND PROPOSED PLUGGING PROCEDURE

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS
AND SPECIAL STIPULATIONS
ATTACHED**

APPROVED

MAR 15 2006

**LES BABYAK
PETROLEUM ENGINEER**

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

12/07/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Larry W. Wind

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)

GW

WELLBORE SKETCH

ConocoPhillips Company – Permian Basin Business Unit

Date: June 7, 2005

RKB @ 3974'
DF @ 3973'
GL @ 3962'

Subarea : Maljamar
Lease & Well No. : MCA Unit No. 298
Legal Description : 1345' FNL & 25' FEL, Sec. 19, T17S, R32E
County : Lea State : New Mexico
Field : Maljamar (Grayburg-San Andres)
Date Spudded : July 3, 1971 Rig Released: July 21, 1971
API Number : 30-025-23825 Initial Compl: 7/21/71-8/2/71
Status: Temporarily Abandoned

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
	7/25/71	Perf 3993, 4001, 4007, 4016 & 4033					
3933-4033	7/26/71	15% Retarded Acid	3,000		2000	1100	
	9/16/71	Perf 3655, 58, 61, 67, 70, and 3673 - 1 jsf					
3655-3673	9/16/71	Gelled water	15,000	22,500	3400	1600	11.2
3933-4033	6/6/81	15% HCl NEFE	1,000		2500	2500	1.0
	6/8/81	Perf 1 JSPF @ 3656, 58, 60, 62, 67, 73, 3793, 94, 95 4001, 07, 15, 20, 32, 36 and 38.					
4001-4038	6/10/81	15% NEFE HCl	1,000		2300		
3655-3795	6/10/81	15% NEFE HCl	1,000			2300	
	8/9/81	Convert to wtr inj @ 335 BWPD at 1900 psi					
	2/7/86	Shot sqz holes @ 677' - 4 jsf, 263 sx Class C					
	2/22/86	15% HCl NEFE	4,000	600# RS	2200		
	4/5/90	Casing integrity test in compliance w/NMOCD, Rule 704					
	6/3/96	Set cmt retainer @ 3540'; circ w/80 bbl pkr fluid					
		Temporarily Abandoned					

12-1/4" Hole

677' sqz w/263 sx Class C

8-5/8" 20# @ 700' w/ 375 sx, circ.

Top Salt @ 700' +/-

Base Salt @ 2,085' +/-

TOC 5-1/2" csg @ 2,800' (T.S.)

7-7/8" Hole

Cement Retainer @ 3,540'

6th Zone

3655
3656 3658 3660
3661 3662
3667 3670
3673

7th Zone

3793 3794 3795

9th Zone

3993
4001 4007 4015
4016
4020
4032
4033
4036 4038

5-1/2" 14# @ 4085' (97 jts)
Cmt: Lead - 125 sx Class C
Tail - 125 sx Class C
TOC @ 2,800' (T.S.)

PBTD @ 3540'
TD @ 4085'

Formation Tops:

Rustler 660'
Salado 770'
Yates
Queen 2970'
Grayburg 3370'
6th 3670'
7th 3750'
9th 3925'
9th Massive 3975'

ConocoPhillips

Proposed Plugging Procedure

MCA Unit #298

Maljamar (Grayburg-San Andres) Field

Lea County, New Mexico

Casings: 8 $\frac{5}{8}$ " 20# casing @ 700', cmt'd to surface w/ 375 sx
5 $\frac{1}{2}$ " 14# casing @ 4,085' w/ 250 sx, TOC 2,800' by T.S.

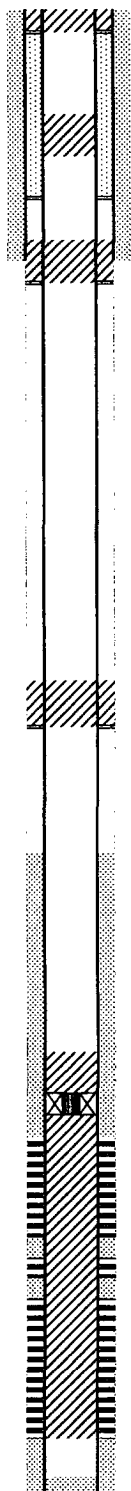
- TA'd w/ CICR @ 3,540' (set 06/03/96)
 - Notify NMOCD & BLM 48 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
 - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed.
 2. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.
 3. RIH w/ stinger for CICR on 2 $\frac{3}{8}$ " workstring to 3,540'. RU cementer and circulate hole w/ mud. Sting into CICR and establish rate into perforations, squeeze 50 sx C cement (1.32 ft³/sk yield, 66.0 ft³ slurry volume) under CICR 3,540 – 4,038'. Sting out of CICR and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume) on CICR 3,540 – 3,299'. POOH w/ tubing. **Grayburg San Andres plug**
 4. RU lubricator and RIH w/ 1-11/16" link-jet perforating charges on wireline, and perforate four squeeze holes @ 2,185'. POOH w/ wireline.
 5. RIH w/ AD-1 packer to 1,700'. Load hole w/ mud and set packer. Establish rate into perforations, maximum pressure 1,500 psi. Squeeze 40 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 52.8 ft³ slurry volume, calculated fill 158' in 7 $\frac{7}{8}$ " hole) 2,185 – 2,085'. WOC and tag this plug no deeper than 2,085'. POOH w/ packer. **Base of Salt Plug**
 6. RU lubricator and RIH w/ 1-11/16" link-jet perforating charges on wireline, and perforate four squeeze holes @ 700'. POOH w/ wireline.
 7. RIH w/ AD-1 packer to 400'. Load hole w/ mud and set packer. Establish rate into perforations, maximum pressure 1,000 psi. Squeeze 50 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 66 ft³ slurry volume, calculated fill 180' in 8 $\frac{5}{8}$ " casing) 700 – 600'. WOC and tag this plug no deeper than 600'. POOH w/ packer. **Top of Salt & surface casing shoe plug**
 8. RIH w/ tubing to 400'. Pump 25 sx C cement (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 240' in 5 $\frac{1}{2}$ " 14# casing) 400 - 160'. **Freshwater Plug**
 9. RIH w/ 1-11/16" link-jet perforating charges on wireline, and perforate four squeeze holes @ 50'. POOH w/ wireline.

10. ND BOP and NU wellhead. Establish circulation to surface via perforations and squeeze 20 sx C cement (1.32 ft³/sk yield, 26.4 ft³ slurry volume, calculated fill 72' in 8⁵/₈" casing) 50' to surface. **Surface Plug**
11. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

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

Date: December 6, 2005

RKB @ 3974'
 DF @ 3973'
 GL @ 3962'



20 sx C cmt 50 - 3', perf/sqz,
 circulate to surface

12-1/4" Hole

25 sx C cmt 400 - 160'

677' sqz w/263 sx Class C

8-5/8" 20# @ 700' w/ 375 sx, circ.
 50 sx C cmt 700 - 600',
 perf & sqz, WOC & TAG
 Top Salt @ 700' +/-

Base Salt @ 2,085' +/-
 40 sx C cmt 2,185 - 2,085', perf & sqz, WOC & TAG

TOC 5-1/2" csg @ 2,800' (T.S.)

7-7/8" Hole

25 sx C cmt on CICR 3,540 - 3,300'
 Cement Retainer @ 3,540'
 sqz 50 sx C cmt under existing CICR @ 3,540'

6th Zone
 3655, 6,656, 3658, 3660, 3,661, 3,662
 3667 3670
 3673
7th Zone
 3793 3794 3795
9th Zone
 3993
 4001 4007 4015
 4016
 4020
 4032
 4033
 4036 4038

5-1/2" 14# @ 4085' (97 jts)
 Cmt Lead - 125 sx Class C
 Tail - 125 sx Class C
 TOC @ 2,800' (T.S.)

PBTD @ 3540'
 TD @ 4085'

Subarea : Maljamar
 Lease & Well No. : MCA Unit No. 298
 Legal Description : 1345' FNL & 25' FEL, Sec. 19, T17S, R32E,
 County : Lea State : New Mexico
 Field : Maljamar (Grayburg-San Andres)
 Date Spudded : July 3, 1971 Rig Released: July 21, 1971
 API Number : 30-025-23825 Initial Compl: 7/21/71-8/2/71
 Status: Proposed Plugged

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
	7/25/71	Perf 3993, 4001, 4007, 4016 & 4033					
3933-4033	7/26/71	15% Retarded Acid	3,000		2000	1100	
	9/16/71	Perf 3655, 58, 61, 67, 70, and 3673 - 1 jsp					
3655-3673	9/16/71	Gelled water	15,000	22,500	3400	1600	11.2
3933-4033	6/6/81	15% HCl NEFE	1,000		2500	2500	1.0
	6/8/81	Perf 1 JSPF @ 3656, 58, 60, 62, 67, 73, 3793, 94, 95 4001, 07, 15, 20, 32, 36 and 38.					
4001-4038	6/10/81	15% NEFE HCl	1,000		2300		
3655-3795	6/10/81	15% NEFE HCl	1,000			2300	
	8/9/81	Convert to wtr inj @ 335 BWPD at 1900 psi					
	2/7/86	Shot sqz holes @ 677' - 4 jsp, 263 sx Class C					
	2/22/86	15% HCl NEFE	4,000	600# RS	2200		
	4/5/90	Casing integrity test in compliance w/NMOC, Rule 704					
	6/3/96	Set cmt retainer @ 3540'; circ w/80 bbl pkf fluid Temporarily Abandoned					



PROPOSED PLUGGING PROCEDURE

- 1) sqz 50 sx C cmt under existing CICR @ 3,540'
- 2) 25 sx C cmt on CICR 3,540 - 3,300'
- 3) 40 sx C cmt 2,185 - 2,085', perf & sqz, WOC & TAG
- 4) 50 sx C cmt 700 - 600', perf & sqz, WOC & TAG
- 5) 25 sx C cmt 400 - 160'
- 6) 20 sx C cmt 50 - 3', perf/sqz, circulate to surface

Capacities...

4-1/2" 9.5# casing = 0.0912 ft³/ft = 0.0162 bbls/ft
 5-1/2" 14# casing = 0.1370 ft³/ft = 0.0244 bbls/ft
 6 1/2" 20# casing = 0.1995 ft³/ft = 0.0355 bbls/ft
 8-1/4" = 8 1/2" 20# casing = 0.3659 ft³/ft = 0.0652 bbls/ft
 15-1/2" openhole = 1.2272 ft³/ft = 0.2186 bbls/ft

Formation Tops:

Rustler 660'
 Salado 770'
 Yates
 Queen 2970'
 Grayburg 3370'
 6th 3670'
 7th 3750'
 9th 3925'
 9th Massive 3975'