

OCD-HOBBS
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

5. Lease Serial No.

LC 029410B

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 #161

9. API Well No.

30-025-12781

10. Field and Pool, or Exploratory Area

Maljamar GB/SA

11. County or Parish, State

Lea Co., NM

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, Odessa, Texas 79762

3b. Phone No. (include area code)

432-368-1244

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2615' FSL & 2615' FEL, Unit Letter J, Section 30, T-17-S, R-32-E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

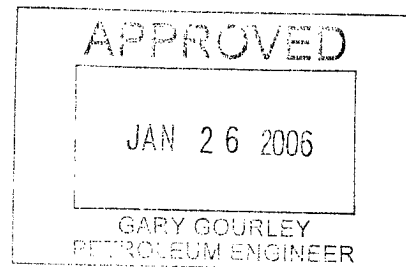
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 current & proposed wellbore diagrams & procedure

APPROVED FOR SIX MONTH PERIOD
7/26-06

SEE ATTACHED FOR
CONDITIONS OF APPROVAL



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

01/12/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Date

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)

GWW

ConocoPhillips

Proposed Plugging Procedure

MCA Unit #161W

Maljamar (Grayburg-San Andres) Field

Lea County, New Mexico

Casings: 10 $\frac{3}{4}$ " 32# casing @ 29', cmt'd w/ 10 sx
8 $\frac{5}{8}$ " 24# casing @ 764' w/ 25 sx Aquagel
7" 20# casing @ 3,637' w/ 300 sx

- TA'd w/ packer & plug @ 3,470' (03/24/01)
- 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

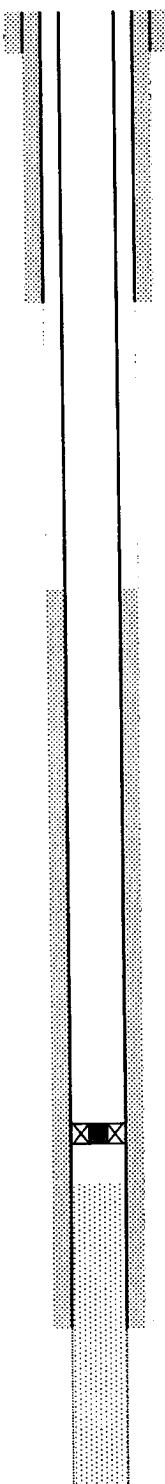
1. Set steel pit and flow down well as needed.
2. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.
3. RIH w/ 2 $\frac{3}{8}$ " EUE workstring, tag packer @ 3,470'. RU cementer and circulate hole w/ mud, pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 145' in 7" 20# casing) 3,470 – 3,325'. **Grayburg-San Andres plug**
4. POOH w/ tbg to 1,980'. Load hole and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 145' in 7" 20# casing) 1,980 – 1,835'. **Base of salt plug**
5. POOH w/ tbg to 1,491'. Load hole and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 362' in 4 $\frac{1}{2}$ " 9.5# casing) 1,491 – 1,130'. **DV tool plug**
6. RIH w/ four 1-11/16" link-jet perforating charges on wireline, and perforate four squeeze holes @ 935'. POOH w/ wireline.
7. POOH w/ packer to 400'. Set packer and establish rate into perforations at 1,000 psi or less. Squeeze 100 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 132 ft³ slurry volume, calculated fill 369' in 8 $\frac{5}{8}$ " 24# casing) 935 – 566'. WOC & tag this plug no deeper than 714'. **Top of Salt & surface casing shoe plug**
8. RIH w/ four 1-11/16" link-jet perforating charges on wireline, and perforate four squeeze holes @ 400'. POOH w/ wireline.
9. RIH w/ AD-1 packer to 30'. Set packer and establish circulation to surface. POOH w/ packer and ND BOP, NU wellhead. Circulate 110 sx C cement (1.32 ft³/sk yield, 145 ft³ slurry volume, calculated fill 406' in 8 $\frac{5}{8}$ " 24# casing) 400' to surface. **freshwater & surface plug**

WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

Date: July 6, 2005

RKB @
DF @
GL @



10-3/4" 32# @ 29'
Cm'd w/10 sx

8-5/8" 24# @ 764' w/ 25 sx Aquagel

Top Salt @ 935'

Base Salt @ 1,880'

Packer @ 3,470'

70 sx cmt, TOC @ 3,550'

7" 20# @ 3,637' w/ 300 sx

3690-3740 - 100 Qts Nitro - 3-1/2" shells
3740-3785 - 45 Qts Nitro - 2-1/2" Shells
3785-3815 - 60 Qts Nitro - 3-1/2" Shells

3915-3975 - 120 Qts Nitro - 3-1/2" Shells

PBTD @ 3550'
TD @ 4034'

Subarea : Maljamar
Lease & Well No. : MCA Unit No. 161W
Legal Description : 2615' FSL & 2615' FEL, Sec. 30, T-17-S, R-32-E
County : Lea State : New Mexico
Field : Maljamar (Grayburg-San Andres)
Date Spudded : Dec. 30, 1950 Rig Released: May 16, 1951
API Number : 30-025-12781
Status: Temporarily Abandoned
Drilled as Simon IP No. 21

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
	5/1/63	Well was formerly Carper Drilling Company Simon IP #21 Effective with unitization of the MCA on 5/1/63, was renumbered MCA Unit No. 161.					
	4/30/70	Converted from gas injection to producer					
3637-3875	10/12/71	Gelled prod water	40,000	60,000	4000	1500	18.0
3690-3975	12/15/81	Mod 202 acid	3,000	RS	2200	2000	2.8
	12/19/81	Install injection wellhead converted from producer to water injection					
	11/24/82	Cleanout scale to TD					
	9/30/83	Injection Survey - no fluid movement below 3722'					
	3/26/90	Repair communications					
	8/15/91	Run Tracer and temperature survey major losses @ 3696'-3726' - 100% No channel or packer leak indicated.					
	9/17/01	Pmp 70 sx cement; TOC @ 3550'					
	9/21/01	Set CIBP @ 3464' - would not set Set CIBP @ 1100'					
	3/24/01	Knock out CIBP @ 1100'; set packer @ 3470'; lay down tubing					

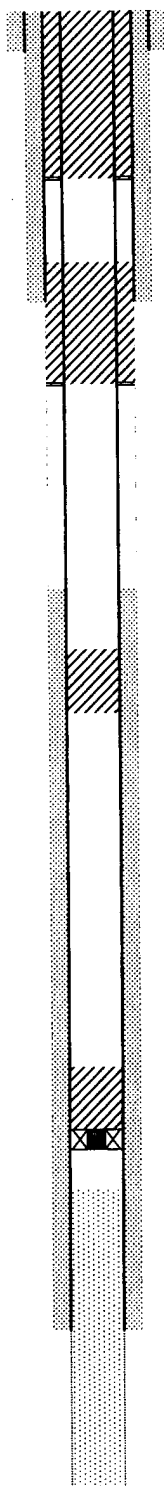
Formation Tops:

Rustler
Salado
Top Salt 935'
Base Salt 1880'
Yates
Seven Rivers
Queen
Grayburg
6th Zone
San Andres
8th Zone
9th Zone

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

Date: January 12, 2006

RKB @ _____
 DF @ _____
 GL @ _____



10-3/4" 32# @ 29'
 Cmt'd w/10 sx

110 sx C cmt 400' to surface, perf/sqz,
 circulate cmt to surface

8-5/8" 24# @ 764' w/ 25 sx Aquagel

Top Salt @ 935'
 100 sx C cmt 935 - 714', perf & sqz, WOC/TAG

Base Salt @ 1,880'
 25 sx C cmt 1,980 - 1,835'

25 sx C cmt 3,470 - 3,325'

Packer @ 3,470'

70 sx cmt, TOC @ 3,550'

7" 20# @ 3,637' w/ 300 sx

3690-3740 - 100 Qts Nitro - 3-1/2" shells
 3740-3785 - 45 Qts Nitro - 2-1/2" Shells
 3785-3815 - 60 Qts Nitro - 3-1/2" Shells

3915-3975 - 120 Qts Nitro - 3-1/2" Shells

PBTD @ 3550'
 TD @ 4034'

Subarea : Maljamar
 Lease & Well No. : MCA Unit No. 161W
 Legal Description : 2615' FSL & 2615' FEL, Sec. 30, T-17-S, R-32-E
 County : Lea State : New Mexico
 Field : Maljamar (Grayburg-San Andres)
 Date Spudded : Dec. 30, 1950 Rig Released: May 16, 1951
 API Number : 30-025-12781
 Status: proposed plugged
 Drilled as Simon IP No. 21

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
	5/1/63	Well was formerly Carper Drilling Company Simon IP #21 Effective with unitization of the MCA on 5/1/63, was renumbered MCA Unit No. 161.					
	4/30/70	Converted from gas injection to producer					
3637-3875	10/12/71	Gelled prod water	40,000	60,000	4000	1500	18.0
3690-3975	12/15/81	Mod 202 acid	3,000	RS	2200	2000	2.8
	12/19/81	Install injection wellhead converted from producer to water injection					
	11/24/82	Cleanout scale to TD					
	9/30/83	Injection Survey - no fluid movement below 3722'					
	3/26/90	Repair communications					
	8/15/91	Run Tracer and temperature survey major losses @ 3696'-3726' - 100% No channel or packer leak indicated.					
	9/17/01	Pmp 70 sx cement; TOC @ 3550'					
	9/21/01	Set CIBP @ 3464' - would not set Set CIBP @ 1100'					
	3/24/01	Knock out CIBP @ 1100'; set packer @ 3470'; lay down tubing					



PROPOSED PLUGGING PROCEDURE

- 1) 25 sx C cmt 3,470 - 3,325'
- 2) 25 sx C cmt 1,980 - 1,835'
- 3) 100 sx C cmt 935 - 714', perf & sqz, WOC/TAG
- 4) 110 sx C cmt 400' to surface, perf/sqz, circulate cmt to surface

Capacities

4-1/2" 9.5# csg:	10.960 ft/ft3	0.0912 ft3/ft
7" 20# csg:	4.399 ft/ft3	0.2273 ft3/ft
7-7/8" openhole:	2.957 ft/ft3	0.3382 ft3/ft
8-5/8" 24# csg:	2.797 ft/ft3	0.3576 ft3/ft
10-3/4" 40.5# csg:	1.815 ft/ft3	0.5508 ft3/ft

Formation Tops:

Rustler
 Salado
 Top Salt 935'
 Base Salt 1880'
 Yates
 Seven Rivers
 Queen
 Grayburg
 6th Zone
 San Andres
 8th Zone
 9th Zone

BUREAU OF LAND MANAGEMENT
Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201
(505) 627-0272

**Permanent Abandonment of Federal Wells
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon. If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call (505) 627-0272, in Eddy County call (505) ~~361-2822~~; for wells in Lea County call (505) 393-3612. **234-5972**

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" for up to 7500 feet of depth, mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10 feet in length, 4 feet above the ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval shall be developed and furnished to you.