

OCD-HOBBS

Form 3160-5
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 ☐ Other2. Name of Operator **ConocoPhillips Company ATTN: Celeste Dale**3a. Address **3300 N. "A" Street, Bldg. 6 #247 Midland, Texas 79705**
3b. Phone No. (include area code) **432-688-6884**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter "J", 2515' FSL & 1345' FEL, Section 22, T-17-S, R-32-E5. Lease Serial No.
LC 029509B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
8920003410 NW 70987 A8. Well Name and No.
MCA Unit #3459. API Well No.
30-025-2449910. Field and Pool, or Exploratory Area
Maljamar Grayburg/San Andres11. 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 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 PROPOSED PLUGGING PROCEDURE & WELLBORE DIAGRAMS14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)**James F. Newman, P.E.**Title **Engineer, Triple N Services, Inc.**

Signature

Date

12/16/2006**THIS SPACE FOR FEDERAL OR STATE OFFICE USE APPROVED**

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

DEC 21 2006

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)

GNW**FREDERICK WRIGHT
PETROLEUM ENGINEER**

WELLBORE SKETCH

ConocoPhillips Company -- Mid-Continent BU / Odessa

Date: December 8, 2006

RKB @ 3996'
DF @ 3995'
GL @ 3985'

Subarea : Hobbs
Lease & Well No. : MCA Unit No. 345
Legal Description : 2515' FSL & 1345' FEL, Sec. 22, T-17-S, R-32-E
County : Lea State : New Mexico
Field : Maljamar (Grayburg-San Andres)
Date Spudded : Aug. 29, 1973 Rig Released: Sept. 6, 1973
API Number : 30-025-24499
Status : Temporarily Abandoned
Lease Serial No. LC-029509B

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
	9/10/73	Perforate 3782-4036 1 JSPF (select fire)					
4032-4036	9/10/73	28% NE Acid	1,500		4000	2600	6.0
3877-3979	9/11/73	28% NE Acid	1,500		3400	2000	5.0
3782-3810	9/12/73	15% Acid	1,000		4100	1800	8.0
		Channeling up to 3740'					
	9/14/73	Squeeze perms 3782-3810 w/150 sx					
	9/17/73	Re-Squeeze 3782-3810 w/100 sx; clean out					
3877-4036	9/20/73	28% Acid	4,500				
		TGFW	30,000	60,000		1800	
	10/2/73	Re-Perforate 5th Zone 3782, 3785, 3805, 3808 & 3810 - 1 JSPF					
3782-3810	10/3/73	28% Acid	2,000				
		TGFW	10,000	20,000	3800	2500	12.0
	3/22/74	Scale treat -- all zones communicating					
	10/26/76	Scale treat -- all zones communicating					
	6/13/86	Set 5-1/2" CIBP @ 3692'; circulate packer fluid					
		Temporarily abandoned					

12-1/4" Hole

8-5/8" 20# @ 870' w/ 450 sx, clrc 55 sx

Top Salt @ ~950'

Base Salt @ ~2,000'

TOC 5-1/2" Csg @ 2,200' by T.S.

7-5/8" Hole

5-1/2" CIBP @ 3692'

5th Zone - Re-perforated

3782 3785 3805 3808 3810 -- Sqz'd w/250 sx & re-perforated

6th Zone

3877 3881 3904 3908 3925 3934 3938

7th Zone

3975 3977 3979 4032 4034 4036

5-1/2" 14# @ 4,122' w/ 325 sx, TOC 2,200' by T.S.

PBTD @ 3692'
TD @ 4150'

Formation Tops:

Rustler
Top Salt
Tansil
Yates
Queen 3132'
Grayburg 3503'
San Andres 3940'
Lovington 4048'

ConocoPhillips

Proposed Plugging Procedure

MCA Unit #345

API #30-025-24499

Maljamar (Grayburg-San Andres) Field

Lea County, New Mexico

Casings: 8 $\frac{5}{8}$ " 20# casing @ 870' cmt'd w/ 450 sx, circulated
5 $\frac{1}{2}$ " 14# casing @ 4,122' cmt'd w/ 325 sx, TOC @ 2,200' by T.S.
Perforations 3,782 – 4,036'

- TA'd w/ CIBP set @ 3,692' (set 06/13/86)
 - 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. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.
 2. RIH w/ 2 $\frac{3}{8}$ " workstring, tag CIBP. RU cementer & circulate hole w/ plugging mud. Pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 241' in 5 $\frac{1}{2}$ " 14# casing) 3,692 – 3,451'. POOH w/ tubing. **Grayburg San Andres plug**
 3. RU lubricator and RIH w/ four 1-11/16" link-jet perforating charges on wireline, and perforate 5 $\frac{1}{2}$ " casing with four squeeze holes @ 2,100'. POOH w/ wireline.
 4. RIH w/ AD-1 packer to 1,500'. Load hole w/ mud and set packer. Establish rate into perforations at 1,500 psi or less. Squeeze 40 sx C cement w/ 2% CaCl₂ (1.32 ft³/sk yield, 52.8 ft³ slurry volume, calculated fill 156' in 7 $\frac{7}{8}$ " open hole) 2,100 – 1,944'. WOC & tag this plug no deeper than 2,000'. POOH w/ packer. If unable to establish rate at 1,500 psi or less, contact both BLM & NMOCD for balanced plug approval. **Base of salt plug**
 5. RU lubricator and RIH w/ four 1-11/16" link-jet perforating charges on wireline, and perforate 5 $\frac{1}{2}$ " casing with four squeeze holes @ 950'. POOH w/ wireline.
 6. RIH w/ AD-1 packer to 400'. Load hole w/ mud and set packer. Establish rate into perforations at 1,500 psi or less. Squeeze 75 sx C cement w/ 2% CaCl₂ (1.32 ft³/sk yield, 99.0 ft³ slurry volume, calculated fill 293' in 7 $\frac{7}{8}$ " open hole) 950 – 657'. WOC & tag this plug no deeper than 820'. POOH w/ packer. If unable to establish rate at 1,500 psi or less, contact both BLM & NMOCD for balanced plug approval. **Surface casing & top of salt plug**
 7. RU lubricator and RIH w/ four 1-11/16" link-jet perforating charges on wireline, and perforate 5 $\frac{1}{2}$ " casing with four squeeze holes @ 400'. POOH w/ wireline.
 8. RIH w/ AD-1 packer to 180'. Load hole w/ mud and set packer. Establish rate into perforations at 800 psi or less. Squeeze 35 sx C cement w/ 2% CaCl₂ (1.32 ft³/sk yield,

46.2 ft³ slurry volume, calculated fill 126' in 8⁵/₈" 20# casing) 400 - 274'. WOC & tag this plug no deeper than 300'. POOH w/ packer. If unable to establish rate at 800 psi or less, contact both BLM & NMOCD for balanced plug approval. **Freshwater plug**

9. RU lubricator and RIH w/ four 1-11/16" link-jet perforating charges on wireline, and perforate 5¹/₂" casing with four squeeze holes @ 100'. POOH w/ wireline.
10. ND BOP, NU wellhead. Establish rate into perforations at 500 psi or less and circulate 35 sx C cement (1.32 ft³/sk yield, 46.2 ft³ slurry volume, calculated fill 126' in 8⁵/₈" 20# casing) 100' to surface. If unable to establish rate at 500 psi or less, contact both BLM & NMOCD for balanced plug approval. **surface plug**
11. RDMO location. Clean steel pit & haul fluids to disposal. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

Date: December 16, 2006

RKB @	3996'
DF @	3995'
GL @	3985'

Subarea :	Hobbs		
Lease & Well No. :	MCA Unit	No. 345	
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County :	Lea	State :	New Mexico
Field :	Maljamar (Grayburg-San Andres)		
Date Spudded :	Aug. 29, 1973	Rig Released:	Sept. 6, 1973
API Number :	30-025-24499		
Status:	PROPOSED PLUGGED		
	Lease Serial No.	LC-029509B	

Perf & sqz 35 sx C cmt 100'
to surface. circulate cmt

12-1/4" Hole

Perf & sqz 35 sx C cmt 400 - 300'
TAG

Stimulation History:

8-5/8" 20# @ 870' w/ 450 sx. circ 55 sx

Top Salt @ ~950'

Perf & saz 75 sx C cmt 950 - 820' TAG

Base Salt @ ~2,000'

Perf & sqz 40 sx C cmt 2,100 - 2,000' TAG

TOC 5-1/2" Csg @ 2,200' by T.S.

7-5/8" Hole

Tag CIBP @ 3,692', 25 sx C cmt 3,692 - 3,451'

5-1/2" CIBP @ 3692'

5th Zone - Re-perforated

3782 3785 3805 3808 3810 -- Sqz'd w/250 sx & re-perforated

6th Zone

3877 3881 3904 3908 3925 3934 3938

7th Zone

3975 3977 3979 4032 4034 4036

5-1/2" 14# @ 4,122' w/ 325 sx, TOC 2,200' by T.S.

PBTD @ 3692'
TD @ 4150'

Completion Interval		Type	Gels	Lbs. Sand	Max Press	ISIP	Max Rate
	9/10/73	Perforate 3782-4036 1 JSPF (select fire)					
4032-4036	9/10/73	28% NE Acid	1,500		4000	2600	6.0
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		Channeling up to 3740'					
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3877-4036	9/20/73	28% Acid	4,500				
IG		TGFW	30,000	60,000		1800	
	10/2/73	Re-Perforate 5th Zone 3782, 3785, 3805, 3808 & 3810 - 1 JSPF					
3782-3810	10/3/73	28% Acid	2,000				
		TGFW	10,000	20,000	3800	2500	12.0
	3/22/74	Scale treat -- all zones communicating					
	10/26/76	Scale treat -- all zones communicating					
	<u>6/13/86</u>	Set 5-1/2" CIBP @ 3692'; circulate packer fluid					
		Temporarily abandoned					



PROPOSED PLUGGING PROCEDURE

- 1) Tag CIBP @ 3,692', 25 sx C cmt 3,692 - 3,451'
- 2) Perf & sqz 40 sx C cmt 2,100 - 2,000' TAG
- 3) Perf & sqz 75 sx C cmt 950 - 820' TAG
- 4) Perf & sqz 35 sx C cmt 400 - 300' TAG
- 5) Perf & sqz 35 sx C cmt 100' to surface, circ cmt

Casing / Openhole Capacities

Cumulative Openhole Expenses			
4 1/2" 9.5# csg:	10.965	ft/ft3	0.0912
5 1/2" 17# csg:	7.661	ft/ft3	0.1305
7" 20# csg:	4.399	ft/ft3	0.2273
7" 26# csg:	4.655	ft/ft3	0.2148
7 7/8" 24# csg:	3.715	ft/ft3	0.2691
8 3/4" 20# csg:	2.733	ft/ft3	0.3659
8 3/4" 24# csg:	2.797	ft/ft3	0.3575
8 3/4" 28# csg:	2.853	ft/ft3	0.3505
6 3/4" openhole:	4.024	ft/ft3	0.2485
7 7/8" openhole:	2.957	ft/ft3	0.3382
9 3/4" openhole:	2.032	ft/ft3	0.4922
10" openhole:	1.834	ft/ft3	0.5454
12 1/2" openhole:	1.222	ft/ft3	0.8185

Formation Tops:

Yates	
Queen	3132'
Grayburg	3503'
San Andres	3940'
Lovington	4048'