Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

OCD-HORRS

FORM APPROVED

	Expires: March 31, 200
Lease Serial	No.

B-2366-11

SUNDRY NOTICES AND REPORTS ON WELLS

SUMBIN NOTICES AND REPORTS ON WELLS				1	
	nis form for proposals ell. Use Form 3160-3 (6. If Indian, Allottee or Tribe Name	
	IPLICATE- Other inst	tructions on rever	se side.	7. If Unit or CA/Agreement, Name and/or No.	
1. Type of Well ✓ Oil Well	Gas Well Other			8. Well Name and No.	
2. Name of Operator ConocoPhilli	ips Company			MCA Unit #11 9. API Well No.	
Sa Address 3300 N. "A" Street, Bldg. 6 #2	47 Midland, TX 79705-5406	3b. Phone No. (include 432-688-6884	area code)	30-025-00567 10. Field and Pool, or Exploratory Area	
Location of Well (Footage, Sec.,	T., R., M., or Survey Description)			Maljamar GB/SA	
660' FSL & 1,980' FEL, Unit Letter O, Section 16, T-17-S, R-32-E			11. County or Parish, State		
, , , , , ,	,			Lea	
12. CHECK AI	PPROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE, RI	EPORT, OR OTHER DATA	
TYPE OF SUBMISSION		TYP	E OF ACTION		
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Star Reclamation Recomplete Temporarily Aba Water Disposal	Well Integrity Other	

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 recomplete 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 recompletion 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 & proposed plugging procedure.



ACCEPTED FOR ALDD. **BUREAU OF LAND MANAGEMENT** CARLSBAD FIELD OF HU

SUBJECT TO NMOCH APPOUR	e Co. To		
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	1		
James F. Newman, P.E.	Title Engineer,	Triple N Services, Inc. 432.687.1994	
Signature A.	Date	12/16/2006	
THIS SPACE FOR FEDERAL	OR STATE	OFFICE USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject less which would entitle the applicant to conduct operations thereon.	office		
Title 18 IISC Section 1001 and Title 42 IISC Section 1212 make it and S			

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 anymatter within its jurisdiction.

WELLBORE SKETCH

ConocoPhillips Company -- Mid-Continent BU / Odessa

Date: November 13, 2006

RKB@ 4036' DF@ 4034' GL@

13-1/2" Hole

12-1/2" @ 40' Cmt'd w/25 sx TOC @ N/A

Subarea: MCA Unit No. 11 Lease & Well No. : Legal Description : 660' FSL & 1980' FEL, Sec. 16, T-17-S, R-32-E State : New Mexico County: Field: (Grayburg-San Andres) Maliamar Aug. 4, 1938 Rig Released: Feb. 14, 1939 Date Spudded: 30-025-00567 API Number : B-2366-11

Temporarily Abandoned

Stimulation History:

Status:

Lbs. Max Max Rate Down <u>Sand</u> Press ISIP <u>Interval</u> <u>Date</u> Type <u>Gals</u> 3612-4125 12/20/38 Acid 1,000 3/23/56 Plug back to 3847' 5/1/63 Change in well designation to MCA Unit No. 11 1/18/69 20% FE 3612-3847 1,800 Deepened to 4100' Set 7" CIBP @ 3540' - temporarily abandon 3/16/84 9/4/97

Lease Serial No.

Top Salt @ 1,020'

Base Sait @ 2,070'

9-1/2" Hole

CIBP @ 3540'

7" 20# @ 3612' cmt'd w/ 1,100 sx, TOC @ surface - calculated

6-1/4" Hole

OH 3612-4125'

Calseal @ 3847-3920 - Drilled out Calseal @ 3900'-3920' - Drilled out Formation Tops:

Rustler Top Salt Base Salt Yates Seven Rivers Queen

Grayburg Grayburg 6th San Andres San Andres U 7th San Andres L. 7th San Andres 9th

PBTD @ 3540' TD@ 4125'



ConocoPhillips

Proposed Plugging Procedure

MCA Unit #11
API #30-025-00567
Maljamar (Grayburg-San Andres) Field
Lea County, New Mexico

Casings:

12½" casing @ 40' cmt'd w/ 25 sx, circulated

7" 20# casing @ 3,612' cmt'd w/ 1,100 sx, TOC @ surface, calculated

Open hole 3,612 - 4,125'

• TA'd w/ CIBP set @ 3,540' (set 09/04/97)

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%" workstring, tag PBTD. RU cementer & circulate hole w/ plugging mud. Pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 145' in 7" 20# casing) 3.612 3,467'. *Grayburg San Andres plug*
- 3. POOH w/ tubing to 2,170'. Load hole w/ mud and pump 25 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 145' in 7" 20# casing) 2,170 2,025'. WOC & tag this plug no deeper than 2,070'. **Base of salt plug**
- **4.** POOH w/ tubing to 1,020'. Load hole w/ mud and pump 25 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 145' in 7" 20# casing) 1,020 875'. WOC & tag this plug no deeper than 920'. **Top of salt plug**
- **5.** RIH w/ four 1-11/16" link-jet perforating charges on wireline, and perforate four squeeze holes @ 400'. POOH w/ wireline.
- 6. RIH w/ AD-1 packer to 180'. Load hole w/ mud and set packer. Establish rate into perforations at 800 psi or less. Squeeze 55 sx C cement w/ 2% CaCl₂ (1.32 ft³/sk yield, 72.6 ft³ slurry volume, calculated fill 147' in 9½" open hole) 400 253'. 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*
- 7. RIH w/ four 1-11/16" link-jet perforating charges on wireline, and perforate four squeeze holes @ 100'. POOH w/ wireline.
- 8. ND BOP, NU wellhead. Establish rate into perforations at 500 psi or less and circulate 90 sx C cement (1.32 ft³/sk yield, 119 ft³ slurry volume, calculated fill 145¹ in 12¼" open hole) 100' to surface. If unable to establish rate at 500 psi or less, contact both BLM & NMOCD for balanced plug approval. surface plug

9.	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.	

PROPOSED PLUGGED WELLBORE SKETCH

ConocoPhillips Company -- Mid-Continent BU / Odessa

Subarea:

Date: December 16, 2006

B-2366-11

RKB@ 4036 4034 DF@

> Lease & Well No. : MCA Unit No. 11 Legal Description : 660' FSL & 1980' FEL, Sec. 16, T-17-S, R-32-E 13-1/2" Hole County: State : New Mexico 12-1/2" @ 40' cmt'd w/ 25 sx Field: Maljamar (Grayburg-San Andres) Perf & sqz 90 sx C cmt 100' to surface Feb. 14, 1939 Date Spudded: Aug. 4, 1938 Rig Released: circulate cement API Number : 30-025-00567 Status: Proposed Plugged Lease Serial No.

Perf & sqz 55 sx C cmt 400 - 300' TAG

Stimulation History:

Lbs. Max Max <u>Interval</u> <u>Date</u> Type Gals <u>Sand</u> Press ISIP Rate Down 12/20/38 Acid 3612-4125 1.000

Plug back to 3847' 3/23/56

5/1/63 Change in well designation to MCA Unit No. 11 1,800

3612-3847 1/18/69 20% FE 3/16/84 Deepened to 4100'

Hobbs

9/4/97 Set 7" CIBP @ 3540' - temporarily abandon

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SERVICES ING.

PROPOSED PLUGGING PROCEDURE

- 1) TAG CIBP & pump 25 sx C cmt 3,612 - 3,467'
- 25 sx C cmt 2,170 2,070' TAG 2)
- 3) 25 sx C cmt 1,020 - 920' TAG
- Perf & sqz 55 sx C cmt 400 300' TAG

Perf & sqz 90 sx C cmt 100' to surface, circ cmt

Base Salt @ 2,070'

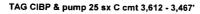
25 sx C cmt 2,170 - 2,070' TAG

25 sx C cmt 1,020 - 920' TAG

Top Salt @ 1,020'

9-1/2" Hole

4½" 9.5# csg:	10.965	ft/ft3	0.0912	ft3/ft
5½" 17# csg:	7.661	ft/ft3	0.1305	ft3/ft
7" 20# csg:	4.399	ft/ft3	0.2273	ft3/ft
7%" 24# csg:	3.715	ft/ft3	0.2691	ft3/ft
8%" 20# csg:	2.733	ft/ft3	0.3659	ft3/ft
8%" 24# csg:	2.797	ft/ft3	0.3575	ft3/ft
8%" 28# csg:	2.853	ft/ft3	0.3505	ft3/ft
6¾" openhole:	4.024	ft/ft3	0.2485	ft3/ft
7%" openhole:	2.957	ft/ft3	0.3382	ft3/ft
91/2" openhole:	2.032	ft/ft3	0.4922	ft3/ft
10" openhole:	1.834	ft/ft3	0.5454	ft3/ft
121/4" openhole:	1.222	ft/ft3	0.8185	ft3/ft



CIBP @ 3540°

7" 20# @ 3612' cmt'd w/ 1,100 sx, TOC @ surface - calculated

6-1/4" Hole

OH 3612-4125'

Calseal @ 3847-3920 - Drilled out

Calseal @ 3900'-3920' - Drilled out

Formation Tops:

Rustler Grayburg Top Salt Grayburg 6th Base Salt San Andres Yates San Andres U 7th Seven Rivers San Andres L 7th Queen San Andres 9th

PBTD @ 3540' TD@ 4125'