## OCD-HOBBS

Form 3160-5

# **UNITED STATES**

FORM APPROVED
OM B No. 1004-0137
Evnires: March 31 2007

(April 2004)	DEPARTMENT OF THE INTERI	OR	Expires: March 31, 2007			
E	BUREAU OF LAND MANAGEMEN	NT .	5. Lease Serial No.			
	NOTICES AND REPORTS		LC 029405A  6. If Indian, Allottee or Tribe Name			
Do not use th abandoned we	nis form for proposals to drill o ell. Use Form 3160-3 (APD) for	r to re-enter an such proposals.	o. Il indian, Anouce of Tibe Name			
	IPLICATE- Other instructions	on reverse side.	7. If Unit or CA/Agreement, Name and/or No. 8920003410			
1. Type of Well  ✓ Oil Well	Gas Well Other		8. Well Name and No.			
2. Name of Operator ConocoPhillip	ps Company ATTN: Celeste Dale		MCA Unit #257  9. API Well No.			
3a Address 3300 N. "A" Street, Bldg. 6 #24		e No. (include area code) 8-6884	30-025-08050  10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec., 2	T., R., M., or Survey Description)		Maljamar GB/SA			
1,345' FNL & 2,615' FWL, Sec	ction 20, T-17-S, R-32-E, Unit Letter F		11. County or Parish, State  Lea, New Mexico			
12. CHECK AF	PPROPRIATE BOX(ES) TO INDICAT	E NATURE OF NOTICE,	REPORT, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
Notice of Intent	Acidize Deepen Alter Casing Fracture	e Treat Reclamation	□			
Subsequent Report		onstruction Recomplete d Abandon Temporarily				
Final Abandonment Notice	Convert to Injection Plug Ba	· · ·				
Attach the Bond under which the following completion of the investing has been completed. Fir determined that the site is ready.  See attached proposed plus SEE ATTAC CONDITIO	ne work will be performed or provide the Bond volved operations. If the operation results in a mal Abandonment Notices shall be filed only after for final inspection.)  gging procedure & wellbore diagrams  CHED FOR  ONS OF APPROVAL	No. on file with BLM/BIA. Reconditiple completion or recompleti	d true vertical depths of all pertinent markers and zones. quired subsequent reports shall be filed within 30 days ion in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has			
<ol> <li>I hereby certify that the foreg Name (Printed/Typed)</li> <li>James F. Newman</li> </ol>		Title Engineer, Triple N	Services, Inc. 432.687.1994			
Signature A	<u>C</u>	Date	11/11/2006			
	THIS SPACE FOR FEDERA	L OR STATE OFFIC	CE USE			
Approved by		Title	APPROVED			
Conditions of approval, if any, are a	ttached. Approval of this notice does not war	rant or	APPING			
certify that the applicant holds legal which would entitle the applicant to	or equitable title to those rights in the subject	lease Office	5 2006			
viiime mie applieutit to	are observed mistanti					

(Instructions on page 2)

GWW

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and will fully to States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FREDERICK WRIGHT PETROLEUM ENGINEER

#### **WELLBORE SKETCH**

#### ConocoPhillips Company -- Permian Basin Business Unit

Date: October 23, 2006

RKB @ 4009' DF @ 4008' GL @ 3997'

12-1/4" Hole

Top Sait @ 831'

8-5/8" 24# J-55 @ 262' w/ 150 sx, circ.

TOC 5-1/2" Csg @ 1,725' by TS

Base Salt @ 1,894'

Subarea :	Hobbs			
Lease & Well No	.: MCA U	nit <b>No. 257</b>		
Legal Descriptio	n: 1345' FNL	& 2615' FWL, Sec	. 20, T-17-9	S, R-32-E
County:	Lea	State:	New Mex	ico
Field:	Maljamar	(Grayburg-San A	(ndres)	
Date Spudded:	Oct. 25, 1960	Rig Re	leased:	Nov. 4, 1960
API Number :	30-025-08050			
Status:	Temporarily Abandoned	Lease	Serial No.	LC-029405A
Drilled as Wm.	Mitchell A 21	Agreer	nent No.	8920003410

Stim	ulatior	n History:

Stimulation F				Lbs.	Max		Max
Interval	<u>Date</u>	<u>Type</u>	Gals	<u>Sand</u>	Press	ISIP	Rate Down
	11/17/60	Perforate 5483-5493	- 4 jspf				
5483-5493	11/18/60	Lease Crude	8,000	8,000	8000		14.5
	11/23/60	Perforate 5428-5444	- 4 jspf				
5428-5444	11/28/60	Lease Crude	20,000	20,000	5300		15.7
	12/5/60	Squeeze perfs 5483-	5493 & 54 <u>:</u>	28-5444 w/s	50 sx		
	12/5/60	Perforate 5366-5372	- 4 jspf				
5366-5372	12/8/60	Lease Crude	6,000	6,000			
	8/14/63	Redesignated Mitchel	A #2				
	4/26/70	Set CIBP @ 4250' w/	1 sx cmt				
	4/26/70	Perforate 4103 and 4	105 - 1 jsp	of			
	4/27/60	Re-perforate 4103 an	d 4105				
4103-4105	4/27/70	15% LST NE	500		4000	2200	2.5
	4/28/70	Squeeze perfs 4103	& 4105 w/:	100 sx Clas	s C, rev	erse 32	sx
	4/30/70	Perforate 3959-4086	- 1 jspf (se	elect fire)			
3959-4086	4/30/70	15% LST NE	800 (L	Jnable to be	erak dov	vn)	
	4/30/70	Re-perforate 3959-40	86			•	
3959-4086	5/1/70	15% LST NE	3,000		3800	1900	6.1
3959-4086	5/3/70	15% Retarded Acid	5,000		2500	1800	5.2
3959-4086	2/26/71	15% RST NE	5,000	4000#RS	1400	1000	0.6
3959-4086	7/29/71	15% LST NE	7,000		2000	1600	4.5
	7/31/71	Set Retainer @ 4050	and sque	eze perfs 4	060-40	86 w/50	sx Cl C
	8/2/71	Perforate 3676-3906	- 1 jspf (se	lect fire)			
	8/2/71	Perforations 4020 an	d 4043 plu	laged			
3676-3724	8/4/71	15% NE	2.500	••		3500	3.5
<del>-</del>	8/6/71	Re-perforate 3681-38		fire)			
3676-3810	8/6/71	Gelled Water	•	70.000	3200	1800	22.0
0 00 10	6/12/86	Set 5-1/2" cement re	,		2200		
	Jr 12.00	Temporarily Abandon					

Retaine

Graybu

== 3676 3

== 38904 3

== 3904 3

== 3905 3

== 3959 3

Retaine

XX 4060 4

XX 4103 4

==

== XX Retainer @ 3,600'
<u>Grayburg</u>
3676 3681 3685 3689 3714
3719 3724 3757 3765 3772
<u>San Andres</u>
3796 3810 3897 3899 3902
3904 3906 (8/71)
3959 3990 4020 4042
Retainer @ 4050'
4060 4076 4086 — Sqz'd w/50 sx
4103 4105 — Sqz'd w/100 sx

5-1/2" CIBP @ 4250' w/1 sx cmt

Paddock 5366-5372 - 4 jspf (12/60) 5428-5444 5483-5493 -- Sqz'd w/50 sx

6-3/4" Hole 5-1/2" 14# J-55 @ 5498' PBTD @ 3600' Cmt'd w/1500 sx TD @ 5500' TOC @ 1725' (T.S.)

Formation Tops: Rustler 719' Seven Rivers 2414' Top Salt 831' Queen 3017 Salado 831' Grayburg 3408' Cowden 1727 San Andres 3775' Tansill 1894' Glorieta 5252 Base Salt 1894' Paddock 5332 Yates 2047



## **ConocoPhillips**

### **Proposed Plugging Procedure**

MCA Unit #257 API #30-025-08050 Maljamar (Grayburg-San Andres) Field Lea County, New Mexico

Casings:

85/8" 24# casing @ 262' cmt'd w/ 150 sx, circulated

5½" 14# casing @ 5,498' cmt'd w/ 1,500 sx, TOC 1,725' by temperature survey

- TA'd w/ CICR set @ 3,600' (set 06/12/86)
- 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/ 23/6" 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 240' in 51/2" 14# casing) 3,600 3,360'. *Grayburg San Andres plug*
- 3. POOH w/ tubing to 1,994'. Load hole w/ mud and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 240' in 5½" 14# casing) 1,994 1,753'. POOH w/ tubing. base of salt plug
- **4.** RU lubricator and RIH w/ four 1-11/16" link-jet perforating charges on wireline, perforate four squeeze holes @ 831'. POOH w/ wireline, RD lubricator.
- 5. RIH w/ AD-1 packer to 500'. Set packer and establish rate into perforations at 1,000 psi or less. Squeeze 30 sx C cmt w/ 2% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield, 39.6 ft<sup>3</sup> slurry volume, calculated fill 159' in 6¾" openhole) 831 672'. WOC & tag this plug no deeper than 731', POOH w/ packer. *Top of salt plug*
- **6.** RIH w/ four 1-11/16" link-jet perforating charges on wireline, perforate four squeeze holes @ 312'. POOH w/ wireline.
- 7. SI BOP and establish circulation to surface via perforations @ 312' at 1,000 psi or less. ND BOP and NU wellhead, RIH w/ AD-1 packer to 660'. Circulate 100 sx C cmt (1.32 ft³/sk yield, 132 ft³ slurry volume, calculated fill 369' in 85%" 24# casing) 312' to surface. Surface casing shoe & surface plug
- **8.** 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 -- Permian Basin Business Unit Date: November 11, 2006 RKB@\_\_ 4009 4008 DF @ Subarea: GL @ 3997 Hobbs Lease & Well No. : MCA Unit No. 257 1345' FNL & 2615' FWL, Sec. 20, T-17-S, R-32-E Legal Description : State : New Mexico County: (Grayburg-San Andres) 12-1/4" Hole Field : Maliamar Nov. 4, 1960 Date Spudded: Oct. 25, 1960 Rig Released: 8-5/8" 24# J-55 @ 262' w/ 150 sx, circ. API Number 30-025-08050 PROPOSED PLUGGED Lease Serial No. LC-029405A 100 sx C cmt 312' to surface Status: 8920003410 perforate & squeeze, circulate cmt Drilled as Wm. Mitchell A 21 Agreement No. Stimulation History: Max Lbs. Max Press ISIP Rate Down Top Salt @ 831' Interval Date Type Gals Sand 30 sx C cmt 831 - 731', perf & sqz, TAG 11/17/60 Perforate 5483-5493 - 4 jspf 5483-5493 11/18/60 8,000 8000 14.5 Lease Crude 8.000 Perforate 5428-5444 - 4 jspf 11/23/60 5300 15.7 5428-5444 11/28/60 Lease Crude 20 000 20 000 Squeeze perfs 5483-5493 & 5428-5444 w/50 sx 12/5/60 12/5/60 Perforate 5366-5372 - 4 ispf 5366-5372 12/8/60 Lease Crude 6.000 6.000 Redesignated Mitchell A #2 8/14/63 Set CIBP @ 4250' w/1 sx cmt 4/26/70 Perforate 4103 and 4105 - 1 jspf 4/26/70 TOC 5-1/2" Csg @ 1,725' by TS 4/27/60 Re-perforate 4103 and 4105 4/27/70 15% LST NE 4000 2200 4103-4105 500 Base Salt @ 1,894' 4/28/70 Squeeze perfs 4103 & 4105 w/100 sx Class C, reverse 32 sx 4/30/70 Perforate 3959-4086 - 1 jspf (select fire) 25 sx C cmt 1,994 - 1,753' 3959-4086 4/30/70 15% LST NE 800 (Unable to berak down) 4/30/70 Re-perforate 3959-4086 3959-4086 5/1/70 15% LST NE 3.000 3800 1900 6.1 3959-4086 5/3/70 15% Retarded Acid 2500 1800 5.2 5 000 5,000 4000#RS 1400 1000 0.6 3959-4086 2/26/71 15% RST NE 3959-4086 7/29/71 15% LST NF 2000 1600 7 000 4.5 Set Retainer @ 4050' and squeeze perfs 4060-4086 w/50 sx CI C 7/31/71 Perforate 3676-3906 - 1 jspf (select fire) 8/2/71 Perforations 4020 and 4043 plugged 8/2/71 8/4/71 3500 3.5 3676-3724 15% NE 2.500 8/6/71 Re-perforate 3681-3810 (select fire) 3676-3810 8/6/71 Gelled Water 40,000 70,000 3200 1800 22.0 6/12/86 Set 5-1/2" cement retainer @ 3600' Temporarily Abandon 25 sx C cmt 3,600 - 3,360' TRIPLE N
LA SERVICES INC.
MIDLAND, TX Retainer @ 3,600' Grayburg PROPOSED PLUGGING PROCEDURE == 3676 3681 3685 3689 3714 == 3719 3724 3757 3765 3772 == == 25 sx C cmt 3,600 - 3,360' San Andres 1) == == 3796 3810 3897 3899 3902 2) 25 sx C cmt 1,994 - 1,753' == 3904 3906 (8/71) 30 sx C cmt 831 - 731', perf & sqz, TAG 3959 3990 4020 4042 100 sx C cmt 312' to surface, perf/sqz, circulate XX Retainer @ 4050' 4060 4076 4086 -- Saz'd w/50 sx XX 4103 4105 - Sqz'd w/100 sx

	·
$\square$	5-1/2" CIBP @ 4250' w/1 sx cmt
<b>※</b>	

PBTD @ 3600

5500

TD @

Paddock 5366-5372 - 4 jspf (12/60) 5428-5444 5483-5493 - Sqz'd w/50 sx

6-3/4" Hole 5-1/2" 14# J-55 @ 5498' Cmt'd w/1500 sx TOC @ 1725' (T.S.)



Yates

719'	Seven Rivers	2414'
831'	Queen	3017'
831'	Grayburg	3408'
1727'	San Andres	3775
1894'	Glorieta	5252'
1894'	Paddock	5332'
2047'		

10.965 ft/ft3

7.299 ft/ft3

2.957 ft/ft3

2.733 ft/ft3

2.797 R/ft3

0.0912 ft3/ft

0.1370 ft3/ft

0.3382 ft3/ft

0.3659 ft3/ft

0.3575 ft3/ft

Capacities 4½" 9.5# csg:

51/2" 14# csg:

8%" 20# csg:

8%" 24# csg:

7-7/8"openhole:

## SUNDRY NOTICE SPECIAL STIPULATIONS

- 1. Approval is granted to plug this well with the following modifications to the proposed procedure:
- 2. Tag plugs @ 3600', 1994' and 831'.

Engineering can be reached at 505-706-2779 for any variances that might be necessary.

F Wright 11/15/06