Form 3160-5 (April 2004)

OCD-HOBBS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007 5. Lease Serial No.

LC 059002

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.

6. If Indian, Allottee or Tribe Name

abandoned we	ell. Use Form 3160 - 3 ((APD) for such pro	posais.					
	I PLICATE - Other inst	tructions on rever	se side.		CA/Agreement, Name and/or No.			
Type of Well Oil Well Name of Operator Canaca Phillips	Gas Well Other	A Dale		8. Well Nam MCA U	nit #226			
 Name of Operator ConocoPhillips Company ATTN: Celeste Dale Address Address Street, Bldg. 6 #247 Midland, Texas 79705 Phone No. (include area code) 432-688-6884 				9. API Well No. 30-025-00817 10. Field and Pool, or Exploratory Area				
4. Location of Well (Footage, Sec., 660' FNL & 660' FWL, Section 12. CHECK A		etter D	E OF NOTICE, R	11. County of	r GB/SA r Parish, State v Mexico OTHER DATA			
TYPE OF SUBMISSION		TYI	PE 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 (Sta Reclamation Recomplete Temporarily Ab Water Disposal	andon	Water Shut-Off Well Integrity Other			
Describe Proposed or Complet If the proposal is to deepen dire	ectionally or recomplete horizonta	dly, give subsurface location	ns and measured and tru	e vertical depths	k and approximate duration thereof. 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 WELLBORE DIAGRAMS & PROPOSED PLUGGING PROCEDURE

SEE ATTACHED FUR CONDITIONS OF APPROVAL



			135	8/<191g	भारायाग्र		
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	<u> </u>						
James F. Newman, P.E.	Title	Engineer, Trip	le N Sei	rvices, Inc.	432.687.1994		
Signature Ac.	Date		1	1/11/2006			
THIS SPACE FOR FEDERAL OR STATE OFFICE USE							
Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrar certify that the applicant holds legal or equitable title to those rights in the subject leg which would entitle the applicant to conduct operations thereon.		Title Office		APP	ROVED		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to any matter	person r within	knowingly and its jurisdiction.	villfully	to maNOVa	ny lieparin 2006 agen	y of th	United
(Instructions on page 2) GWW				EDENE	RICK WRIGHT EUM ENGINEE		

WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

Date: July 26, 2005 RKB@ 3965 DF @ 3964 3959 Subarea: GL @ Lease & Well No. : MCA Unit No. 226W Legal Description : 660' FNL & 660' FWL, Sec. 34, T-17-S, R-32-E County: State: **New Mexico** Maljamar (Grayburg-San Andres) Field: Rig Released: 4/22/41 Date Spudded : 2/25/41 30-025-00817 API Number : Temporarily Abandoned Status: Drilled as Pearsall BXY No. 1 10" Hole Stimulation History: Lbs. Max Max Press ISIP Rate Down Gals Sand <u>Interval</u> **Date** Type 4044-4194 4/22/41 500 Quarts Top Salt @ 1,115' Deepened to 4286' 9/10/51 8" @ 1,154" cmt'd w/ 100 sx, circ? 9/12/51 Dump 8 sx; TOC @ 4280' (calculated TOC 400') Dump 4 sx; TOC @ 4253' 9/18/51 Change in well designation, unitization renumbered 5/1/63 as MCA Unit No. 226 from Pearsall BXY No. 1 6/6/64 Cut paraffin and swab to make flow 7" TOC ~1,400' 2/12/65 Swab to make flow 10/24/68 Check and pulled tubing; rerun and run pump and rods 6/10/69 RU unit, lwr tbg 2 jts. Tag btm. Tbg set 5' off btm. RU unit, pull rods and pmp, change pump. Rerun in well, put 12/7/69 back on production. 10/25/72 Tag fill @ 3946', CO from 3946' to 4253'. Set pkr @ 3870' and frac w/30,000 gals treated prod wtr and 60,000# 20/40 sand @ 16.6 BPM @ 3300 psi. AFE 40-61-1685 1/5/73 RU unit, pulled rods, change pmp, preparing for larger pmpg equipment. Base Salt @ 2,175' RU unit, pulled rods and pump, CO pmp, rerun in well 6/24/74 and have put back on production RU unit, pulled rods & pmp. Dropped SV and tst tr. Pull tbg, change out MA and 1st jt w/hole in it. Run rods 6/27/74 and new pmp and put back on prod. Set 4-1/2" liner @ 3905', cmt w/335 sx cmt. 7/31/75 Laid 2-1/16" inj line, Inj wtr @ rate of 850 BWPD @ 410 psi. 9/18/75 Convert to water injection 2/2/88 Set 2-7/8" liner 3619'-4291' and perforate 6th Zone 4010'-4049'; 7th zone 4171-4232' and 4238-4244' 7-7/8" Hole 6/24/88 Run injection profile - minor channeling above top perfs 4/17/89 Run Injection Prodile w/24 hr shut in temp survey Set cement retainer @ 3616', circ 60 bbls pkr fluid. 12/31/99 Temporarily Abandoned 7" @ 3,546' cmt'd w/ 150 sx, TOC 1,435' calc Cmt Retainer @ 3616' Top 2-7/8" Liner @ 3619' 6-1/4" Hole 3546'-4253' 4-1/2" 9.5# K-55 to 3,905' cmt'd w/ 335 sx C cmt, circ 30 sx Sqz liner 3821'-3910' 6th Zone 4010-4020 4025-4028 4039-4049 3-3/8" Hole 4253' - 4296' 2-7/8" Fiberglass Liner 3619'-4291' Cmt w/130 sx; TOC @ 3634' 7th Zone 4171-4178 4181-4185 4192-4194 4213-4232 __ 4238-4244 TOC @ 4253' (9/51) PBTD @ 3616' TD@ 4100 NTD @ 4296



ConocoPhillips

Proposed Plugging Procedure

MCA Unit #226W API #30-025-00817 Maljamar (Grayburg-San Andres) Field Lea County, New Mexico

Casings:

85/8" casing @ 1,154' cmt'd w/ 100 sx.

7" casing @ 3,546' cmt'd w/ 150 sx, TOC 1,435' calculated 4½" 9.5# casing @ 3,905' cmt'd w/ 335 sx, circulated 30 sx

21/4" fiberglass liner 3,619 - 4,291'

- TA'd w/ CICR set @ 3,616' (set 12/31/99)
- 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/ 2¾" 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 362' in 4½" 9.5# casing) 3.616 3.254'. *Grayburg San Andres plug*
- 3. POOH w/ tubing to 2,275'. Load hole w/ plugging mud and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 362' in 4½" 9.5# casing) 2,275 1,953'. POOH w/ tubing. Base of salt plug
- **4.** RU lubricator and RIH w/ four 2½" strip-jet perforating charges on wireline, perforate four squeeze holes @ 1,165'. POOH w/ wireline, RD lubricator.
- 5. RIH w/ packer to 800'. Set packer and establish rate into perforations at 1,000 psi or less. Squeeze 50 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 66.0 ft³ slurry volume, calculated fill 195' in 7½" openhole) 1,165 970'. WOC & tag this plug no deeper than 1,065', POOH w/ packer. Surface casing shoe & top of salt plug
- **6.** RIH w/ four 2½" strip-jet perforating charges on wireline, perforate four squeeze holes @ 400'. POOH w/ wireline.
- 7. RIH w/ packer to 120'. Set packer and establish rate into perforations at 1,000 psi or less. Squeeze 60 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 79.2 ft³ slurry volume, calculated fill 145' in 10" openhole) 400 255'. WOC & tag this plug no deeper than 300', POOH w/ packer.

- 8. RIH w/ four 2½" strip-jet perforating charges on wireline, and perforate four squeeze holes @ 50'. POOH w/ wireline. ND BOP, NU wellhead. Circulate 25 sx C cement (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 60' in 10" openhole) 50' to surface. 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 -- Permian Basin Business Unit

RKB @ 3965' DF @ 3964' GL @ 3959' Subarea: Lease & Well No. : Legal Description : 25 sx C cmt 50' to surface, perf/sqz/circ

60 sx C cmt 400 - 300', perf/sqz, TAG

10" Hole

Top Salt @ 1,115'

8" @ 1,154' cmt'd w/ 100 sx, circ? (calculated TOC 400')

50 sx C cmt 1,165 - 1,065', perf & sqz, TAG

Maljamar MCA Unit No. 226W 660' FNL & 660' FWL, Sec. 34, T-17-S, R-32-E ea State: New I Maljamar (Grayburg-San Andres) New Mexico County: Lea Field: Rig Released: 4/22/41 Date Spudded : 2/25/41 API Number : 30-025-00817 PROPOSED PLUGGED Status:

Date: November 11, 2006

Drilled as Pearsall BXY No. 1

Stimulation Hi	story:							
				Lbs.	Max		Max	B
<u>interval</u>	<u>Date</u>	Type	<u>Gals</u>	<u>Sand</u>	Press	<u>ISIP</u>	Rate	<u>Down</u>
4044-4194	4/22/41	Nitro	500 Qu	arts				
	9/10/51	Deepened to 4286'						
	9/12/51	Dump 8 sx; TOC @ 42	80'					
	9/18/51	Dump 4 sx; TOC @ 4253'						
	5/1/63	Change in well designation, unitization renumbered as MCA Unit No. 226 from Pearsall BXY No. 1						
	6/6/64	Cut paraffin and swab t	o make f	low				
	2/12/65	Swab to make flow	Swab to make flow					
	10/24/68	Check and pulled tubin						
	6/10/69	RU unit, lwr tbg 2 jts. 1						
	12/7/69	RU unit, pull rods and p	omp, cha	nge pump). Rerun	in well,	put	
		back on production.	00.40	40.00	0-4	A 2070	,	
	10/25/72	! Tag fill @ 3946', CO from 3946' to 4253'. Set pkr @ 3870' and frac w/30,000 gals treated prod wtr and 60,000# 20/40 sand @ 16.6 BPM @ 3300 psi. AFE 40-61-1685						
	1/5/73 RU unit, pulled rods, change pmp, preparing for larger							
		pmpg equipment.						
	6/24/74	RU unit, pulled rods and pump, CO pmp, rerun in well and have put back on production						
	6/27/74 RU unit, pulled rods & pmp. Dropped SV and tst tr.							
		Pull tbg, change out M		-	in it. Ru	n rods		
	7/04/75	and new pmp and put i						
	7/31/75	Set 4-1/2" liner @ 390				a 410 a	a i	
	9/18/75	Laid 2-1/16" inj line, Inj	_	ite of 850	BMAD (29 4 10 ps	51.	
	2/2/88	Convert to water inje- Set 2-7/8" liner 3619'-		d norfors	to 6th 7	one		
	2/2/00	4010'-4049'; 7th zone		-				
	6/24/88	Run injection profile - r	ninor cha	nneling a	bove top	perfs		
	4/17/89							
	12/31/99	Set cement retainer (etainer @ 3616', circ 60 bbis pkr fluid.					
		Temporarily Abandor	ed					

TRIPLE N
SERVICES INC.

PROPOSED PLUGGING PROCEDURE

- 1) 25 sx C cmt 3,616 3,254'
- 25 sx C cmt 2,275 1,953'
- 3) 50 sx C cmt 1,165 1,065', perf & sqz, TAG
- 60 sx C cmt 400 300', perf/sqz, TAG
- 25 sx C cmt 50' to surface, perf/sqz/circ

4½" 9.5# csg:	10.965	ft/ft3	0.0912	ft3/ft
41/2" 10.23# csg:	11.167	ft/ft3	0.0895	ft3/ft
6-3/4" openhole:	4.024	ft/ft3	0.2485	ft3/ft
7-7/8"openhole:	2.957	ft/ft3	0.3382	ft3/ft
10"openhole:	1.834	ft/ft3	0.5454	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

	7" TOC ~1,400'
	Base Sait @ 2,175' 25 sx C cmt 2,275 - 1,953'
	7-7/8" Hole
	25 sx C cmt 3,616 - 3,254' 7" @ 3,546' cmt'd w/ 150 sx, TOC 1,435' calc Cmt Retainer @ 3616' Top 2-7/8" Liner @ 3619'
	6-1/4" Hole 3546'-4253' 4-1/2" 9.5# K-55 to 3,905' cmt'd w/ 335 sx C cmt, circ 30 sx Sqz liner 3821'-3910'
	6th Zone 4010-4020 4025-4028 4039-4049 3-3/8" Hole 4253' - 4296'
	2-7/8" Fiberglass Liner 3619'-4291' Cmt w/130 sx; TOC @ 3634' 7th Zone 4171-4178 4181-4185 4192-4194 4213-4232 4238-4244
PBTD @ TD @ NTD @	TOC @ 4253' (9/51) 3616' 4100' 4296'

SUNDRY NOTICE SPECIAL STIPULATIONS

- 1. Approval is granted to plug this well with the following modifications to the proposed procedure:
- 2. The plugs @ 3616', 2275' and 1165' must be tagged.
- 3. The surface plug must be at least 100' and 25 sacks of cement.

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

F Wright 11/15/06