

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

5. Lease Serial No.
058698A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
MCA Unit

8. Well Name and No.
82

9. API Well No.
30-025-00644

10. Field and Pool, or Exploratory Area
Maljamar; Grayburg-San Andres

11. County or Parish, State
Lea

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 Street, Odessa, TX 79762

3b. Phone No. (include area code)
432-368-1266

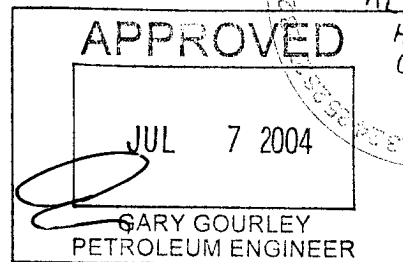
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter "N", Section 23, Township 17S, Range 32E, 660' FSL & 1980' FWL

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 recompleate 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 recompleation 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 Procedure



— DRILL C1C2

— ADD 40 SX @ Bottom

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Tim L. Chase

Title **Senior Engineer Technician**

Signature

Date

06/23/2004

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 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

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)

ConocoPhillips

Proposed Plugging Procedure

MCA Unit #82

Maljamar (Grayburg-San Andres) Field

Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

TA'd (12/94) w/ CICR (no cement cap) @ 3,350'; 5½" casing @ 3,585' w/ isolated Open Hole 3,585 – 4,160';

- Notify OCD 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
 - 4½" casing leaks successfully squeezed @ 62 – 120'
1. Set steel pit and flow down well as needed. Deliver 3,500' 2⅜" workstring.
 2. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP.
 3. RIH w/ workstring, tag CICR @ 3,350'. Circulate hole w/ plugging mud and pump 25 sx C cement on CICR to 3,250'. POOH w/ workstring. **GBSA Plug**
 4. RU lubricator and RIH w/ wireline, perforate 4½" casing w/ four 1-11/16" link-jet perforating gun @ 2,015'. POOH w/ wireline, RD lubricator.
 5. RIH w/ workstring to 2,015'. Circulate hole w/ plugging mud and pump 35 sx C cement w/ 2% CaCl₂ @ 2,015 – 1,915'. POOH w/ workstring. **Base of Salt Plug – WOC & TAG.**
 6. RU lubricator and RIH w/ wireline, perforate 4½" casing w/ four 1-11/16" link-jet perforating gun @ 775'. POOH w/ wireline, RD lubricator.
 7. PUH w/ workstring to 775'. Circulate hole w/ plugging mud and pump 35 sx C cement w/ 2% CaCl₂ @ 775 – 675'. POOH w/ workstring. **Top of Salt Plug – WOC & TAG**
 8. RU lubricator and RIH w/ wireline, perforate 4½" casing w/ four 1-11/16" link-jet perforating gun @ 50'. POOH w/ wireline, RD lubricator.
 9. ND wellhead and NU BOP, establish circulation and circulate 25 sx C cement 50' to surface. **Surface Plug**
 10. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

CURRENT WELLBORE SKETCH
ConocoPhillips Company -- Permian Basin Business Unit

Date: May 16, 2004

RKB @ 3988'
 DF @ 3987'
 GL @ 3981'

N/A Hole size
 12-1/2" OD @ 21'
 32# SS
 Cemented w/25 sx

XX XX Csg leak 62'-120' sqzd w/150 sacks
 XX XX
 XX XX Cmt sqz 88'-102' w/400 sx

Cement Retainer @ 3350' (12/94)

5-1/2" OD @ 3585'
 14# SS
 Cemented w/200 sx

4-3/4" Hole

OH 3585' - 4160'

PBTD 3350'
 OTD 4050'
 BTD 4150'

Subarea : Maljamar
 Lease & Well No. : MCA Unit No. 82
 Legal Description : 660' FSL & 1980' FWL, Sec. 23, T-17-S, R-32-E
 County : Lea State : New Mexico
 Field : Maljamar (GB/SA)
 Date Spudded : December 31, 1939 IPP:
 API Number : 30-025-00644
 Status :
 Drilled as Miller-A No. 5

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Down
DRILLED WITH CABLE TOOLS								
3850-4050	2/26/40	Nitroglycerin	500 Quarts					
	8/22/47	Deepen from 4065' to 4146'						
4088-4104	8/29/47	Nitroglycerin	40 Quarts					
3935-4012	8/30/47	Nitroglycerin	200 Quarts					
	5/15/58	Cement plug 4058-4110 w/40 sx						
	5/17/58	Cmt 30 sx 4098						
	5/19/58	Cmt 40 sx 4083'; TOC 4043'						
	6/20/69	CO and deepen 4-3/4" hole 4146-4160'						
	6/23/69	Convert to water injection, Baker AD-1 @ 3562'						
		Inject 750 BWPD @ 1300 psi						
	2/23/79	Replaced packer set @ 3490'						
	9/14/83	CO w/coil tubing, ran injection survey, fluid migrating up behind pipe						
	2/26/85	Cmt squeeze 88'-102' w/400 sx, run PC tbg						
OH 3585-4160	2/26/85	15% HCl NEFE	2,600					
	7/20/89	Casing leak 62' - 120' squeezed w/150 sacks						
	7/24/89	Tst sqz to 500#, held						
		CO to 180', GIH w/Guib Uni VI Pkr @ 3352' and IPC 2-38" tbg						
	4/18/90	Repair tubing leak						
	6/21/90	Change out pkr w/Otis Interlock pkr @ 3351' 1.71 Profile						
OH 3585-4160	11/30/90	15% Acid	672					
		Set Interlock Pkr @ 3349', 2-3/8" F.G. tbg						
	12/26/90	Run Caliper survey, Inj. Profile and Temp Survey						
		Major losses 3568'-3590' and 4075'-4105'						
		No channel indicated or packer leak						
	2/20/92	Archeological Clearance Report						
	12/8/94	RIH w/scrapper, tag btm @ 3357', POOH w/tbg and scrapper.						
		Set cement retainer @ 3350', circ pkr fluid, press up to 700# on csg, no leaks.						
		TEMPORARILY ABANDON						
	5/16/04	Recommend evaluating Queen for uphole potential or plug and abandonment. Sundry Notice expires 12/21/04.						

Formation Tops:

PROPOSED WELLBORE SKETCH
ConocoPhillips Company – Permian Basin Business Unit

Date: June 14, 2004

RKB @ 3988'
 DF @ 3987'
 GL @ 3981'

12-1/2" 32# SS @ 21" w/25 sx
 4) 25 sx C cmt 50' - Surface
 Csg leak 62"-120' sqzd w/150 sacks
 Cmt sqz 88'-102' w/400 sx

XX XX
 XX XX

3) 35 sx C cmt 775 - 675'
 Top of Salt - TAG

2) 35 sx C cmt 2,015 - 1,915'
 Base of Salt - TAG
 TOC @ 2,061' By Calc

1) 25 sx C cmt on CICR 3,350 - 3,250'
 Cement Retainer @ 3350' (12/94)

5-1/2" 14# SS OD @ 3585' w/200 sx

4-3/4" Open Hole

OH 3585' - 4160'

PBTD 3,350'
 OTD 4050'
 NTD 4160'

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 6/20/69 CO and deepen 4-3/4" hole 4146-4160'
 6/23/69 Convert to water injection, Baker AD-1 @ 3562'
 Inject 750 BWPD @ 1300 psi
 2/26/85 Cmt squeeze 88'-102' w/400 sx, run PC tbg
 7/20/89 Casing leak 62" - 120' squeezed w/150 sacks
 Set cement retainer @ 3350', circ pkr fluid, press up to 700#
 on csg, no leaks.
TEMPORARILY ABANDON
 5/16/04 Recommend evaluating Queen for uphole potential or
 plug and abandonment. Sundry Notice expires 12/21/04.

TRIPLE N
 SERVICES INC
 ABERDEEN, TX

PROPOSED PLUGGING PROCEDURE

- 1) 25 sx C cement on existing CICR, Balanced @ 3,350 - 3,250'
- 2) 35 sx C cement plug, Squeezed Under Packer @ 2,015 - 1,915' TAG
- 3) 35 sx C cement plug, Squeeze Under Packer @ 775 - 675' TAG
- 4) 25 sx C cement plug, Squeeze @ 50' - Surface