

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator **ConocoPhillips Company ATTN: Celeste Dale**

3a. Address  
**3300 N. "A" Street, Bldg. 6 #247 Midland, TX 79705-5406**

3b. Phone No. (include area code)  
**432-688-6884**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**Unit Letter D, 660' FNL & 660' FWL, Section 25, T-20-S, R-32-E**

5. Lease Serial No.

**LC 031620A**

6. If Indian, Allottee or Tribe Name

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

**NMNM71041E**

8. Well Name and No.

**SEMU Eumont #112**

9. API Well No.

**30-025-26633**

10. Field and Pool, or Exploratory Area

**Eumont Yates-7 Rivers-Queen (Oil)**

11. 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**

☒ 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 (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

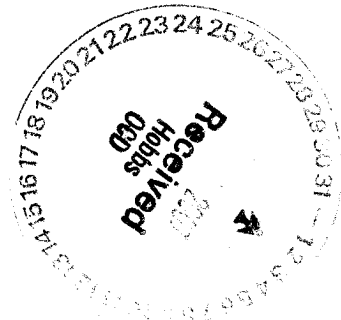
☐ Well Integrity

☐ 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 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 current & proposed wellbore diagrams and proposed plugging procedure.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**



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

**James F. Newman, P.E.**

Title **Engineer, Triple N Services, Inc. 432.687.1994**

Signature

Date

**12/18/2006**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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.

Title

Office

**APPROVED**

**DEC 29 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)

GWW

**FREDERICK WRIGHT  
PETROLEUM ENGINEER**

# **WELLBORE SKETCH** **ConocoPhillips Company -- Mid-Continent BU / Odessa**

Date: December 18, 2006

RKB @ 3530.2'  
 DF @             
 GL @ 3520.2'

Subarea : Hobbs  
 Lease & Well No. : SEMU Eumont No. 112  
 Legal Description : 660' FNL & 660' FWL, Sec. 25, T-20-S, R-37-E,  
 County : Lea State : New Mexico  
 Field : Eumont Yates 7 Rivers Queen  
 Spud July 29, 1980 Rig Released: Aug. 15, 1978  
 API Number : 30-025-26633  
 Status: Temporarily Abandoned  
 Lse Serial No. LC-031620A

## Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
	8/28/80	Perforate 3619-3717 - 1 jsf (select fire)						
3619-3717	8/29/80	15% NEFE HCl	2,000		1700		12.0	
3619-3717	8/29/80	7-1/2% NEFE HCl	2,100					
		CO2 Frac	51,120	88,940	2200	1600	16.0	
	5/28/81	Cleanout 46' of fill						
	7/11/96	Set 5-1/2" RBP @ 3568', circ packer fluid						
		Temporarily abandon						
		Severe bacteria problems						

17-1/2" Hole

TOC 5-1/2" Csg @ 850' by T.S.

13-3/8" 48# K-55 ST&C @ 1,274'  
 Cmt w/1030 sx, circ 106 sx  
 Top Salt @ +/- 1367'

Base Salt @ +/- 2522'  
 DV Tool @ 2591'

12-1/4" Hole to 2744'

5-1/2" RBP @ 3568'  
 3619 3630 3634 3644  
 3652 3656 3659 3667  
 3673 3677 3679 3691  
 3696 3700 3707 3713  
 3717

7-7/8" Hole  
 5-1/2" 14# & 15.5# K-55 ST&C @ 3850'  
 Cement: 1st Stage - 520 sx, circ 60 sx  
 2nd Stage - 1640 sx  
 TOC @ 850' (T.S.)

PBTD @ 3568'  
 TD @ 3850'

## Formation Tops:

Rustler	1277'
Salt	1367'
Base Salt	2522'
Yates	2672'
7 Rivers	2932'
Queen	3490'
Penrose	3600'
Grayburg	3760'

## ConocoPhillips

### Proposed Plugging Procedure

**SEMU Eumont #112**

**API #30-025-26633**

**Eumont Yates Seven Rivers Queen Field**

**Lea County, New Mexico**

Casings: 13 $\frac{3}{8}$ " 48# K-55 casing @ 1,274' cmt'd w/ 1,030 sx, circulated 106 sx  
5 $\frac{1}{2}$ " 14# casing @ 3,850' cmt'd w/ 520 sx (1<sup>st</sup> stage, circulated 60 sx thru DV),  
and 1,640 sx (2<sup>nd</sup> stage - TOC @ 850' by T.S.)  
perforations 3,619 – 3,717'

- TA'd w/ RBP set @ 3,568' (set 07/11/96)
  - 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 PBTD. RU cementer & circulate hole w/ plugging mud. Pump 25 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, calculated fill 241' in 5 $\frac{1}{2}$ " 14# casing) 3,568 – 3,327'. **Eumont/Penrose/Queen plug**
  3. POOH w/ tubing to 2,691'. Load hole w/ mud and pump 25 sx C cmt w/ 2% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, calculated fill 241' in 5 $\frac{1}{2}$ " 14# casing) 2,691 – 2,450'. WOC & tag this plug no deeper than 2,491'. **DV tool and base of salt plug**
  4. POOH w/ tubing to 1,367'. Load hole w/ mud and pump 25 sx C cmt w/ 2% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, calculated fill 241' in 5 $\frac{1}{2}$ " 14# casing) 1,367 – 1,126'. WOC & tag this plug no deeper than 1,224'. **Top of salt & surface casing shoe 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 80 sx C cement w/ 2% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield, 106 ft<sup>3</sup> slurry volume, calculated fill 120' in 13 $\frac{3}{8}$ " 48# casing) 400 - 280'. 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 80 sx C cement (1.32 ft<sup>3</sup>/sk yield, 106 ft<sup>3</sup> slurry volume, calculated fill 120' in 13 $\frac{3}{8}$ " 48# casing)

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**

Date: December 18, 2006

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 DF @  
 GL @ 3520.2'

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Hobbs  
 SEMU Eumont No. 112  
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 County :  
 State : New Mexico  
 Eumont Yates 7 Rivers Queen  
 July 29, 1980 Rig Released: Aug. 15, 1978  
 API Number :  
 30-025-26633  
 Status: PROPOSED PLUGGED  
 Lse Serial No. LC-031620A

Perf & sqz 80 sx C cmt 100' to surface  
 circulate cement

Perf & sqz 80 sx C cmt 400 - 300' TAG

17-1/2" Hole

TOC 5-1/2" Csg @ 850' by T.S.

13-3/8" 48# K-55 ST&C @ 1,274'  
 Cmt w/1030 sx, circ 106 sx  
 Top Salt @ +/- 1367'

25 sx C cmt 1,367 - 1,224' TAG

Base Salt @ +/- 2522'  
 DV Tool @ 2591'  
 25 sx C cmt 2,691 - 2,491' TAG

12-1/4" Hole to 2744'

Tag CIBP @ 3,568', 25 sx C cmt 3,568 - 3,327'

5-1/2" RBP @ 3568'  
 3619 3630 3634 3644  
 3652 3656 3659 3667  
 3673 3677 3679 3691  
 3696 3700 3707 3713  
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7-7/8" Hole  
 5-1/2" 14# & 15.5# K-55 ST&C @ 3850'  
 Cement: 1st Stage - 520 sx, circ 60 sx  
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PBTD @ 3568'  
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## **Stimulation History:**

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
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		CO2 Frac	51,120	88,940	2200	1600	16.0
	5/28/81	Cleanout 46' of fill					
	7/11/96	Set 5-1/2" RBP @ 3568', circ packer fluid					
		Temporarily abandon					
		Severe bacteria problems					



## **PROPOSED PLUGGING PROCEDURE**

- 1) Tag CIBP @ 3,568', 25 sx C cmt 3,568 - 3,327'
- 2) 25 sx C cmt 2,691 - 2,491' TAG
- 3) 25 sx C cmt 1,367 - 1,224' TAG
- 4) Perf & sqz 80 sx C cmt 400 - 300' TAG
- 5) Perf & sqz 80 sx C cmt 100' to surface, circ cmt

## **Casing / Openhole Capacities**

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

## **Formation Tops:**

Rustler	
Salt	
Base Salt	2522'
Yates	2672'
7 Rivers	2932'
Queen	3490'
Penrose	3600'
Grayburg	3760'

**SUNDRY NOTICE SPECIAL STIPULATIONS**

1. Approval is granted to plug this well with the following additional approvals:
2. If injection cannot be established for the perfs @ 400' and 100' 25 sack balanced plugs may be set instead.

**\*\*\*All plugs below the surface plug must be at least 100' and 25 sacks of cement.**

**ALL OF THE WORK AUTHORIZED HERE MUST BE COMPLETED WITHIN  
90 DAYS.**

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

**F Wright 12/29/06**