Form 3160-5 (April 2004)

3a Address

Öil Well

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

# 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.

Other

✓ Gas Well

2 Name of Operator ConocoPhillips Company ATTN: Celeste Dale

3303 N. A Street, Bldg. 6 #247, Midland TX 79705-5406

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

330' FNL & 1,650' FEL, Section 30, T-21-S, R-36-E, UL B

FORM APPROVED OM B No 1004-0137 Expires March 31, 2007 5 Lease Senal No NM 62664 6 If Indian, Allottee or Tribe Name 7 If Unit or CA/Agreement, Name and/or No Well Name and No Lockhart A-30 #3 API Well No 30-025-04834 10 Field and Pool, or Exploratory Area Eumont Yates 7 Rvrs QN (Pro Gas) 11 County or Parish, State Lea, New Mexico REPORT, OR OTHER DATA Water Shut-Off Well Integrity

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, TYPE OF SUBMISSION TYPE OF ACTION Acidize Production (Start/Resume) Deenen Notice of Intent Alter Casing Fracture Treat Reclamation Casing Repair New Construction Recomplete Subsequent Report Change Plans Plug and Abandon Temporanly Abandon Final Abandonment Notice Plug Back Convert to Injection ■ Water Disposal

3b Phone No (include area code)

432-368-1244

Describe Proposed or Completed Operation (clearly state all pertunent details, including estimated starting date of any proposed work and approximate duration thereof lift 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 wellbore diagrams and plugging procedure.

(Instructions on page 2)

14 Thereby certify that the foregoing is true and correct Name (Printed/Typed)					- :=			
James F. Newman, P.E.	Title	e Engineer, Triple N Services, Inc.						
Signature / L1	Date	ite (			007		MED	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE DPROVE								
Approved by		Title	1	1	<b>*</b>	Date	- 2007	$\prod$
Conditions of approval, if any, are attached. Approval of this notice does not warr certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon	10000	Office		/		JUN	LO	HT
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 agencial states any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.								

#### WELLBORE SKETCH

ConocoPhillips Company -- Lower 48 - Mid-Continent BU / Permian Operations

Date May 23, 2007 RKB@\_ 3665 DF @ 3664' Subarea GL@ 3657 Hobbs Lease & Well No Lockhart A-30 No 3 330' FNL & 1650' FEL, NE/4 Sec 30, T-21-S, R-36-E Legal Description 12-1/4" Hole County State New Mexico Field Eurnont Yates 7 Rvrs Queen (Pro Gas) Date Spudded Oct 29, 1935 Rig Released Dec 14, 1935 API Number 30-025-04834 Status 10-3/4" 40# LW @ 323" Cmt w/200 sx Stimulation History: TOC @ Surface Max Lbs. Max Sand Press ISIP Rate Down Interval Date Gals Type 12/17/35 Nitro 80 Quarts 7/1/39 Cleanout to TD 9-1/2" Hole 9/11/39 Install pumping unit 9/1/55 Change in pool designation from Eunice to Eumont 3/25/68 Sundry Notice to shut well in 1/8/91 Set 5-1/2" CIBP @ 3790' 2/26/96 Test CIBP @ 3790' to 1000#, perf 3271-3390 w/1 JSPF 33,768 206,000 4420 1920 40 0 3271-3390 2/27/96 Foam Frac Top of Salt @ +/- 1593' (Est.) 3/12/96 SN @ 3311', test csg to 500 psi, OK 1000 psi OK SN @ 3258' 3/13/96 Set RBP @ 3374' 7-5/8" 26.4# @ 1,770' cmt'd w/ 400 sx, circ (?) 3/18/96 Test 0 BO, 1 BW, 55 Mcf 3/28/96 Retrieve RBP, RIH w/tubing, rods and pump 8/9/96 Change out pump, rod string and tubing 9/26/96 Change out tubing string 7/29/97 RI Tuboscope, replace tubing leak 10/17/97 Tubing leak, lay down tubing and rods, close well in, left 1 joint casing open to FL 10/2001 Shut-In 6/16/04 Set RBP @ 3225', test casing, release RBP 8/13/04 Pump 10 gals Biocide 2/22/06 Pump 10 gals Biocide 4/18/06 RIH w/5-1/2" RBP and set @ 3235' Base of Salt @ +/- 3030' (Est.) 5-1/2" RBP @ 3235' 3271 3273 3275 3278 == == 3286 3288 3290 3292 3294 3296 3298 3300 == == == == 3302 3308 3310 3316 3321 3324 3326 3328 == == 3330 3335 3340 3349 == == 3352 3355 3360 3362 3364 3366 3368 3370 == == 3372 3378 3380 3382 == 3384 3386 3390 Formation Tops: CIBP @ 3790' 7-7/8" Hole 5-1/2" 17# @ 3842' Cmt w/400 sx TOC @ N/A OH 3842' - 4022' 3970'-4022' -- Shot w/80 Qts Nitro PBTD 3235 TD 4022'



## ConocoPhillips

## **Proposed Plugging Procedure**

Lockhart A-30 #3 API #30-025-04834 Eumont Yates 7 River Queen (Pro Gas) Field Lea County, New Mexico

Casings:

103/4" 40# casing @ 323' cmt'd w/ 200 sx circ to surface

75/8" 26.4# casing @ 1,770' cmt'd w/ 400 sx, TOC @ surface (calc)

5½" 17# casing @ 3,842' cmt'd w/ 400 sx, TOC 1,530' calc w/ 70% efficiency

- TA'd w/ RBP @ 3,235' (set 04/18/06)
- Notify BLM 48 hrs prior to move in, and 4 hrs prior to plugs
- Hold daily tailgate safety meetings w/ crews
- Contact NM Digtess minimum 48 hrs prior to move-in
- 1. Set steel pit and flow down well as needed. MIRU Triple N pulling unit. ND wellhead and NU BOP.
- 2. RIH w/ 2¾" workstring, tag RBP @ ~3,235'. RU cementer & circulate hole w/ plugging mud. Pump 35 sx C cmt (1.32 ft³/sk yield, 46.2 ft³ slurry volume, calculated fill 303' in 5½" 17# casing) 3,235 2,881'. *Eumont/Yates & base of salt plug*
- 3. POOH w/ tubing to 1,820' and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 253' in 5½" 17# casing) 1,820 1,576'. POOH w/ tubing. *Intermediate casing shoe plug*
- **4.** RU lubricator and RIH w/ four 1-11/16" link-jet perforating charges on wireline, perforate four squeeze holes @ 1,593' (or cmt tag, whichever is deeper). POOH w/ wireline, RD lubricator.
- 5. RIH w/ AD-1 packer to 1,000'. Set packer and establish rate into perforations at 1,000 psi or less. Squeeze 35 sx C cmt w/ 2% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield,46.2 ft<sup>3</sup> slurry volume, calculated fill 174' in 75%" 26.4# casing) 1,593 1,419'. WOC & tag this plug no deeper than 1,493', POOH w/ packer. *Top of salt plug*
- **6.** RU wireline and RIH w/ four 1-11/16" link-jet perforating charges on wireline, perforate four squeeze holes @ 400'. POOH w/ wireline.
- 7. RIH w/ AD-1 packer to 30'. Set packer and establish rate into perforations at 1,000 psi or less. Circulate 115 sx C cmt w/ 2% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield, 152 ft<sup>3</sup> slurry volume, calculated fill 573' in 75/8" 26.4# casing) 373' to surface. Surface casing shoe and surface plug
- 8. POOH w/ packer, top off wellbore w/ cmt as needed. ND BOP, RDMO location.
- **9.** 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 -- Lower 48 - Mid-Continent BU / Permian Operations

Date June 9 2007 RKB @ \_\_\_3665' DF@ 3664 GL @ Subarea Hobbs 3657 Lease & Well No Lockhart A-30 No 3 Legal Description 330' FNL & 1650' FEL, NE/4 Sec 30, T-21-S, R-36-E County State New Mexico Eumont Yates 7 Rvrs Queen (Pro Gas) 12-1/4" Hole Field Dec 14, 1935 Date Spudded Oct 29, 1935 Rig Released API Number 30-025-04834 Status PROPOSED PLUGGED 10-3/4" 40# LW @ 323' Cmt w/ 200 sx TOC @ Surface circulate 115 sx C cmt 373' to surface Stimulation History: (perforate & squeeze) Max Max Lbs. Interval Date Type Gals Sand Press ISIP Rate 3970-4022 12/17/35 Nitro 80 Quarts 7/1/39 Cleanout to TD 9-1/2" Hole 9/11/39 Install pumping unit 9/1/55 Change in pool designation from Eurice to Euront 3/25/68 Sundry Notice to shut well in Set 5-1/2" CIBP @ 3790' 1/8/91 Test CIBP @ 3790' to 1000#, perf 3271-3390 w/1 JSPF Perf/sqz 35 sx C cmt 1,593 - 1,493' WOC & TAG 2/26/96 Top of Salt @ +/- 1593' (Est ) 3271-3390 2/27/96 Foam Frac 33,768 206,000 4420 1920 40 0 5-1/2 " TOC 1,530' calc 3/12/96 SN @ 3311', test csg 500 psi, OK 1000 psi OK SN @ 3258' 3/13/96 Set RBP @ 3374' 7-5/8" 26.4# @ 1,770' cmt'd w/400 sx, circ (?) 3/18/96 Test 0 BO, 1 BW, 55 Mcf 25 sx C cmt 1,820 - 1,720' Retrieve RBP, RIH w/tubing, rods and pump 3/28/96 8/9/96 Change out pump, rod string and tubing 9/26/96 Change out tubing string 7/29/97 RI Tuboscope, replace tubing leak 10/17/97 Tubing leak, lay down tubing and rods, close well in, left 1 joint casing open to FL 10/2001 Shut-In 6/16/04 Set RBP @ 3225', test casing, release RBP 8/13/04 Pump 10 gals Biocide 2/22/06 Pump 10 gals Biocide 4/18/06 RIH w/5-1/2" RBP and set @ 3235' TATRIPLE N SERVICES INC. PROPOSED PLUGGING PROCEDURE circulate plugging mud from PBTD 1) 7-7/8" Hole 35 sx C cmt 3,235 -2,881' 2) 3) 25 sx C cmt 1,820 - 1,720' circulate plugging mud from PBTD Perf/sqz 35 sx C cmt 1,593 - 1,493' WOC/TAG 4) Perf/circulate 115 sx C cmt 373' to surface Base of Salt @ +/- 3030' (Est.) 35 sx C cmt 3.235 -2.881\* 5-1/2" RBP @ 3235' 3271 3273 3275 3278 == == 3286 3288 3290 3292 Capacities == == 3294 3296 3298 3300 == == 3302 3308 3310 3316 == == 3321 3324 3326 3328 5-1/2" 17# csg 7 661 ft/ft3 0.1305 ft3/ft 3330 3335 3340 3349 == == 7-5/8" 26 4# csg 3 775 ft/ft3 0 2648 ft3/ft == 3352 3355 3360 3362 == 10-3/4" 40# csg 1 815 ft/ft3 0 5508 ft3/ft 3364 3366 3368 3370 == 3372 3378 3380 3382 9-7/8" openhole 1 880 ft/ft3 0 5319 ft3/ft 3384 3386 3390 6-3/4" openhole 4 024 ft/ft3 0 2485 ft3/ft CIBP @ 3790' Formation Tops: 5-1/2" 17# @ 3,842' cmt'd w/400 sx, TOC 1,593' calc OH 3842' - 4022' 3970'-4022' -- Shot w/80 Qts Nitro PRTD 3235

TD

4022