

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OM B 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 ☐ Other2. Name of Operator
ConocoPhillips Company3a. Address
4001 Penbrook St. Odessa TX 797623b. Phone No. (include area code)
(432) 368-1665

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

600 North 660 West
UL: D, Sec: 30, T: 21-S, R: 37-E

5. Lease Serial No.

NM 62664

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Lockhart A-30 #7

9. API Well No.

30-025-04838

10. Field and Pool, or Exploratory Area

Eumont; Yates-7 RVRS-Queen (Pro Gas)

11. County or Parish, State
Lea

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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input 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.)

1. MIRU workover unit. ND wellhead and NU BOP. Load and test casing with 9 ppg brine (840 gal) to 500 psi and hold for 30 minutes.
2. MIRU reverse unit. PU and RIH with 4 3/4" bit and 5 1/2" casing scraper on 2 7/8", 6.5#, J-55 workstring. Drill out CIBP at 3800' and clean out to 4020' circulating well clean with 2% KCL water. POOH with casing scraper and drill bit. Stand back 2 7/8" WS. LD casing scraper and drill bit. RD reverse unit.
3. PU 3 1/2", 9.2#, N-80 workstring and RIH with a 5 1/2" RBP/packer combo. Set RBP at 3800', PU and set packer at 3785' +/- . Pressure test RBP to 2500 psi. Release pressure. Spot 2 sx sand on RBP. TOOH with 3 1/2" WS and 5 1/2" packer. Stand back 3 1/2" WS.
4. Spot 20 bbls of 2% KCL water.

APPROVED FOR 6 MONTH PERIOD
ENDING 11/10/06

APPROVED

JUN 5 2006

LES BABYAK
PETROLEUM ENGINEER

Continued on the back of form-

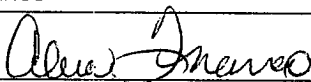
NSP-1902

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

Alva Franco

Title Regulatory Specialist

Signature



Date 05/10/2006

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)

THIS DOCUMENT CONTAINS

Lockhart A 30 #7

Continued:

5. MIRU Schlumberger wireline. RU 1000 psi lubricator. Run GR-CCL log from 3800' +/- to 3200' +/- . Perforate the Yates/Seven Rivers as per Welex Radioactivity log dated 6/9/55 (log section attached) at the following depths with 1 JSPF (35 Holes): 3,340'-3,347', 3,390'-3,397', 3,420'-3,428', 3,480'-3,488', 3,610', 60 degree phasing, from top to bottom, using 3.13" SELE-DP perforating gun. Note: A total of 2 runs are expected.
6. RDMO wireline and lubricator.
7. RIH with 3 1/2" WS and 5 1/2" packer. Test WS to 6,000 psi while RIH. Set packer at 3,300' +/-
8. Spot three 500 bbl clean, lined frac tanks and fill with 2% KCl. Add biocide to the first load of each tank. Design = 938 bbls total. At 20,000 gallons of useable fluid per tank, that would be 1.97 tanks; the excess will be 487 bbls.
9. MIRU SCHLUMBERGER SERVICES fracturing equipment and RU flowback equipment. RU and test all lines to 6,000 psi and monitor for 5 min. Make sure the pressure does not decrease more than 300 psi over the 5 min.
10. Acidize Yates/Seven Rivers perforations 3,340-3,610' overall, with 1260 gal of 15% HCl using 60 Bio-balls (1.3 S.G.) with maximum pressure of 4500 psi. Initiate break down at 3-5 bpm. Once break is seen, increase rate to 12 bpm, start acid and begin to drop balls. Drop balls at 2 balls/bbl for 30 bbls, then flush with 10# slick water (40 bbls). As pressure increases drop rate accordingly. Once max pressure or ball out seen, shut down. Perform 3 ten-second surges and allow balls to dissolve/fall for 30 min.
11. Pump 84 bbls 10# slick water pre-pad at 15 bpm. In the remaining 40 bbls of prepad, perform step down test. Step down 4 times, with 4th step being shutdown. Allow pressure to stabilize before each step. Shut down for 15 min.
12. Fracture treat the Yates/Seven Rivers with 32,000 gal of 65 Quality CO₂ (66 tons) foam carrying 88,910 lbs of 16/30 Super LC Resin sand. Set treating line pop off at 5500 psi. Set pump trips at 5000 psi. Frac the Yates-Seven Rivers zone at 30 BPM as follows with maximum treating pressure of 5,000 psi:
 - a. 10,000 gal of 65 Quality CO₂ foam as pad.
 - b. 3000 gal of 65 Quality CO₂ foam carrying 1.8 ppg sand (5490 lbs).
 - c. 3000 gal of 65 Quality CO₂ foam carrying 2.6 ppg sand (7920 lbs).
 - d. 5000 gal of 65 Quality CO₂ foam carrying 3.4 ppg sand (16,900 lbs).
 - e. 5000 gal of 65 Quality CO₂ foam carrying 4.7 ppg sand (23,500 lbs).
 - f. 6000 gal of 65 Quality CO₂ foam carrying 5.8 ppg sand (35,100 lbs).
 - g. Flush with 1327 gal slick water.
13. Obtain ISIP and 5 minute pressure. Close Hydraulic Master Valve. RD SLB Iron.
14. Flow back well. If well will not flow, RD flowback equipment and RU swab equipment and swab well in. RD swab equipment.
15. Unseat packer. TOOH with 5 1/2" packer and 3 1/2" WS. LD 3 1/2" WS and packer.
16. MIRU reverse unit. PU and RIH with tubing bailer and 2 7/8" WS, CO sand to 3800'. Retrieve RBP. TOOH and LD 2 7/8" workstring and RBP. RD reverse unit.
17. TIH with 2 3/8" production tubing.
18. RU pump truck to kill well. ND BOP and NU WH. RIH with pump and rods. Space and hand well on. Load tubing and check pump action.
19. RDMO well service rig and return well to production. Report results on morning report.

BUREAU OF LAND MGMT
CARLSBORO OFFICE

2006 MAY 11 PM 3:33

RECEIVED

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

* API Number 30-025-04838		* Pool Code 76480	* Pool Name Eumont; Yates-7 RVRs-Queen (Pro Gas)
* Property Code 003040	* Property Name Lockhart A-30 #7		* Well Number 7
* OGRID No. 217817	* Operator Name ConocoPhillips Company		* Elevation

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	30	21-	36-		660	North	660	West	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
* Dedicated Acres 80	* Joint or Infill	* Consolidation Code		* Order No. NSP-1902					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Alva Franco</u> Date: <u>06/16/2006</u> Printed Name: <u>Alva Franco</u>
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: Signature and Seal of Professional Surveyor:
	Certificate Number