| Form 3160-5 August 2007) | UNITED STATES OCD Hobbs DEPARTMENT OF THE INTERIOR | | | M APPROVED NO. 1004-0135 | |
|---|--|---|---------------------------------|-------------------------------------|--|
| BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLSOBBS OCD 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 2011 | | | CD 5. Lease Serial No | | |
| | | | 6 If Indian, Allotte | e or Tribe Name | |
| SUBMIT IN | 7. If Unit or CA/A | greement, Name and/or No. | | | |
| 1. Type of Well ⊠ Oil Well □ Gas Well □ | 8. Well Name and N WARREN 64 | No / | | | |
| 2. Name of Operator CONOCOPHILLIPS | 9. API Well No 30-025-26200 | 6 / | | | |
| 3a. Address 330 NORTH "A" STREET MIDLAND, TX 79705 | BLDG 6 | b Phone No. (include area cod Ph: 432-688-6813 | Warren B | GRAÝBURG-SANANDR linghn Tubb 046 | |
| 4 Location of Well (Footage, Se Sec 26 T20S R38E NENE | c., T., R , M., or Survey Description) 660FNL 660FEL | | 11 County or Paris LEA COUNT | h, and State | |
| | | | | , 14101 | |
| 12. CHECK A | PPROPRIATE BOX(EȘ) TO II | NDICATE NATURE OF | NOTICE, REPORT, OR OTH | ER DATA | |
| TYPE OF SUBMISSION | | TYPE OF ACTION | | | |
| Notice of Intent | | Deepen | Production (Start/Resume) | □ Water Shut-Off | |
| □ Subsequent Report | Alter Casing Casing Repair | Fracture Treat New Construction | □ Reclamation □ Recomplete | □ Well Integrity □ Other | |
| Final Abandonment Notice | | \square Plug and Abandon | Temporarily Abandon | | |
| | Convert to Injection | Plug Back | Water Disposal | | |
| determined that the site is ready for the site of the site is ready for the site of ConocoPhillips requests to of 2011. This well is current site of 2011. | reactivate the Warren Unit #64 tly on the NMOCD Inactive List | as a Blinebry-Tubb produ t and the TA expired 2-20- | icer in the summer 2010. | | |
| TA at THIS Time | · · | Ņ | | | |
| 14. Thereby certify that the foregoin | Electronic Submission #1064 | 458 verified by the BLM We OPHILLIFS, sent to the Ho | II Information System | | |
| Name(Printed/Typed) JALYN N FISKE | | Title REGUL | Title REGULATORY SPECIALIST | | |
| Signature (Electron | c Submission) | Date 04/14/2 | 011 | | |
| | THIS SPACE FOR | FEDERAL OR STATE | OFFICE USE | | |
| Approved BENIE | D. J.D. White | the Title LPE | 7 | Date /12/ 11 | |
| Conditions of approval, if any, are attac certify that the applicant holds legal or which would entitle the applicant to con- | equitable title to those rights in the sub | warrant or oject lease Office | · 1/2 | | |
| | nt statements or representations as to a | ny matter within its jurisdiction | 1^{\times} | | |
| ** OPER/ | ATOR-SUBMITTED ** OPE | RATOR-SUBMITTED * | * OPERATOR-SUBMITTE | UL 19 201.1. | |

WARREN UNIT #64 REACTIVATE AS BLINEBRY-TUBB PRODUCER

Recommended Procedure

- 1. Haul in and set pumping unit.
- 2. MIRU well service unit. ND WH and NU shop tested, Class 2 Hydraulic BOP and environmental tray. Set frac tank. Haul in 6835'<u>+</u> of 2⁷/₈", 6.5 lb/ft, J-55 workstring for bit trip in Step #3.
- 3. TIH w/ RBP retrieving tool on 2⁷/₈" workstring. Retrieve RBP at 5982'. TOOH w/ 2⁷/₈" workstring and RBP. TIH w/ 6¹/₈" bit and scraper on 2⁷/₈" workstring. CO to 6835'<u>+</u>. TOOH with 2⁷/₈" workstring, scraper, and 6¹/₈" bit. If unable to retrieve RBP at 5892', RU reverse/foam unit. TIH w/ 6¹/₈" bit and four 3¹/₂" drill collars (if needed) on 2⁷/₈" workstring. Drill out RBP at 5892'. Clean out to 6835'<u>+</u>. TOOH with 2⁷/₈" workstring, four 3¹/₂" drill collars (if used), and 6¹/₈" bit. LD drill collars (if used) and bit. RD reverse/foam unit.
- PU and TIH with 7" RBP and 7" treating packer on 2⁷/₈" workstring to 6820'<u>+</u>. Test workstring to 5000 psig while TIH. Set RBP at 6820'<u>+</u>. Spot 275 gallons of xylene from 6804-6637'. Set packer at 6610'<u>+</u>.
- 5. MIRU pumping services equipment. RU and test all lines to 4000 psi and monitor for 5 min. Make sure pressure loss does not exceed 200 psi over 5 minutes. Monitor casing pressure during treatment. Acidize Tubb perforations 6637-6804' w/ 2700 gal of 15% NEFE HCI using 800# of rock salt in three stages at 3-4 BPM and max P of 3500 psig as follows:
 - a. Pump 900 gal of 15% NEFE HCI.
 - b. Pump 400 gal of 10# gelled brine containing 400# rock salt.
 - c. Pump 900 gal of 15% NEFE HCI.
 - d. Pump 400 gal of 10# gelled brine containing 400# rock salt.
 - e. Pump 900 gal of 15% NEFE HCI.
 - f. Flush to 6804' w/ fresh water.
 - g. Record ISIP.
- 6. Unset treating packer, retrieve RBP, and set RBP at 6180'<u>+</u>. Spot 215 gallons of xylene from 6143-6012'. Set packer at 5980'+.
- 7. RU pumping services equipment. RU and test all lines to 4000 psi and monitor for 5 min. Make sure pressure loss does not exceed 200 psi over 5 minutes. Monitor casing pressure during treatment. Acidize Blinebry perforations 6012-6143' w/ 1200 gal of 15% NEFE HCI using 300# of rock salt in three stages at 3-4 BPM and max P of 3500 psig as follows:
 - a. Pump 400 gal of 15% NEFE HCI.
 - b. Pump 150 gal of 10# gelled brine containing 150# rock salt.
 - c. Pump 400 gal of 15% NEFE HCI.
 - d. Pump 150 gal of 10# gelled brine containing 150# rock salt.
 - e. Pump 400 gal of 15% NEFE HCI.
 - f. Flush to 6143' w/ fresh water.
 - g. Record ISIP.
- 8. RDMO pumping services equipment.
- 9. RU swab equipment and swab test. RD swab equipment.

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Warren Unit #64 Reactivate as Blinebry-Tubb Producer

- 10. Scale squeeze Blinebry perforations 6012-6143' as per chemical company recommendation.
- 11. Pressure test casing to 500 psi. If pressure holds, unset treating packer, retrieve RBP, TOOH and LD 2⁷/₈" workstring, treating packer, and RBP, and go to Step #13.
- 12. If pressure does not hold, pull up to 5900'<u>+</u> and reset treating packer. Pressure test casing to 500 psig. If pressure does not hold, continue to reset packer uphole and pressure test casing to 500 psig. Notify production engineer of packer setting depth at which pressure holds or if pressure will not hold. Unset treating packer, retrieve RBP, TOOH and LD 2⁷/₈" workstring, treating packer, and RBP.
- 13. Haul in 6820'<u>+</u> of used 2%", 4.7 lb/ft, J-55 production tubing. Haul out 2%", 6.5 lb/ft, J-55 workstring. TIH with 2%", 4.7 lb/ft, J-55 production tubing per tubing design in WellView. Place the EOT at 6820'<u>+</u> with the tubing anchor set at 5970'<u>+</u>. Maintain a dynamic fluid column as needed while running tubing.
- 14. ND BOP and NU wellhead. RIH with pump and rods as per pump and rod design in WellView. Space out pump and hang well on. Load tubing and check pump action.
- 15. RDMO well service unit. Release ancillary surface equipment.
- 16. Turn well over to Operations and place well on production. Report well tests on morning report. Place stabilized well test in Avocet. Contact chemical representative to place well on corrosion inhibition program and scale program. Submit change of status report.