## State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ANBANDONMENT CASING TEST AND CEMENT JOB  OTHER: Return Jaimat to Production  IX OTHER:  Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.  As to the 11-year-inactive dually-completed State "LMT" No. 5/MLMU No. 63 wellbore, it is proposed to return the Jalmat interval to active producing status in accordance with the following rework procedure attached hereto, and made a part hereof.  CONDITIONS OF APPROVAL:  Per R-8170-P not more then 1 well producing per 160 acres. May NOT PRODUCE additional wells without obtaining exception to R-8170-P from Series Santa Fe OCD.  I hereby certify that the information above is true agd complete to the best of my knowledge and belief.  TITLE Engineer DATE 01/05/2004	District Office	Enology, water and are real	o.u.	oodi ooo bopakiiioi k		
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Addicate Type of Lease   STATE   STA	P.O. Box 1980, Hobbs, NM 88240 2040 Pacheco St.				WELL API NO.	
OSTRICT III 1995 FRO Brazos Rd, Arte, NM 87416  SUNDRY NOTICES AND REPORTS ON WELLS  (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUS BACK TO A DIFFERENT RESERVOR. USE "APPLICATION FOR PERMIT" (FORM C101) FOR SUCH PROPOSALS.  Type of Well.  OTHER  ARme of Operator Onche Hartman  Address of Operator SON N. Man St. Midland, TX 79701  AVES Location Unit Letter A 660" Feet From The North Line and 660" Feet From The East Line Section 36 Township 23S Range 36E NAMPM Lea County  Elevation (Show whether DF, RRB, RT, GR, etc.) 3317 GR  11 Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK PLUG AND ARBANDON SERVICE FROM THE SUBSEQUENT REPORT OF:  REMEDIAL WORK ALTER CASHG  OTHER Return Jainat to Production  OTHER: Return Jainat to Production  OTHER: Return Jainat to Production  COMMENCE DRILLING OPHS.  COMMENCE DRILLING OPHS.  PLUG AND ANBANDONMENT  PLUG AND ANBANDONMENT  COMMENCE DRILLING OPHS.  PLUG AND ANBANDONMENT  COMMENCE DRILLING OF ARTHOR	DISTRICT II	Santa Fe, N	VM 87	505		
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Well Location  Unit Letter A: 660' Feet From The North Line and 660' Feet From The East Line  Section 36 Township 238 Range 36E NMPM Lea County  Delevation (Snow whether DF, RKB, RT, GR, etc.) 3317' CR  11 Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK X PLUG AND ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ANBANDONMENT CASING TEST AND CEMENT JOB OTHER:  TOWNSHIP Job Completed Operations (Clearly state all perfinent details, and give pertinent details, including estimated date of starting any proposed worly SEE RULE 1103.  As to the 11-year-inactive dually-completed State "LMT" No. 5/MLMU No. 63 wellbore, it is proposed to return the Jalmat interval to active producing status in accordance with the following rework procedure attached hereto, and made a part hereof.  CONDITIONS OF APPROVAL:  Per R-8170-P not more then 1 well producing per 100 accordance with the following rework procedure attached hereto, and made a part hereof.  CONDITIONS OF APPROVAL:  Per R-8170-P not more then 1 well producing per 30 additional wells without obtaining exception to R-8170-P from Constants Fe OCD.  Thereby certify that prinformation applies to the best of my knowledge and belief.  SIGNATURE TITLE Engineer DATE 01/05/2004.  TYPE OR PRINT NAME. Steve Hartman (LELEPHONE NO. (915) 684-401.						5
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Page 2 of 3 NMOCD Form C-103 dated 01-05-04 Doyle Hartman State "LMT" No. 5 A-36-23S-36E API No. 30-025-09476

## **Proposed Rework Procedure**

- 1. Rig up kill truck. Pressure test 5 1/2" O.D. casing to 500 psi.
- 2. Move in backhoe and dig out around wellhead.
- 3. Inspect and repair exposed 8 5/8" O.D. and 5 1/2" O.D. casing. Wrap exposed casing with corrosion-resistant tape.
- 4. Install 52" O.D. corrugated steel cellar can around exposed casing. Backfill around cellar can.
- 5. Move in and rig up well service unit.
- 6. Perform injectivity test down 8 5/8" x 5 1/2" casing annulus. Cement down 8 5/8" x 5 1/2" casing annulus with 1200 sx of API Class "C" cement containing 3% CaCl<sub>2</sub>, 5 lb/sx Gilsonite, 0.50 lb/sx Flocele. Fill cellar can with cement.
- 7. Rig up high-volume air-foam cleanout unit.
- 8. Clean out 5 1/2" O.D. casing.
- 9. Cover original Jalmat perfs, from 2835' to 3420', with 4 1/2" O.D., 11.6 lb/ft, J-55 flush-joint liner. Land top of 4 1/2" O.D. FJL at 2780'.
- 10. Squeeze cement liner into place, at a rate of 14 BPM, utilizing 400 sx of API Class "C" cement containing 1 1/2% CaCl<sub>2</sub>, 3 lb/sx Gilsonite, 0.25 lb/sx Flocele, followed by 1300 sx of API Class "C" cement containing 2 1/2% CaCl<sub>2</sub>, 3 lb/sx Gilsonite, 0.25 lb/sx Flocele, followed by 100 sx of API Class"C" cement containing 1% CaCl<sub>2</sub>, 3 lb/sx Gilsonite, 0.25 lb/sx Flocele.
- 11. Drill and scrape cement to bottom of 4 1/2" O.D. FJL. Pressure test liner.
- 12. Rig up Schlumberger. Log well with DS-CNL-GR-CCL log and VDCBL-GR-CCL log.
- 13. Limited-entry perforate Jalmat interval, from 2955' to 3260'.
- 14. Acidize and frac new Jalmat perfs.

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- 15. Install rod-pump equipment.
- 16. Return Jalmat interval to active producing status.

