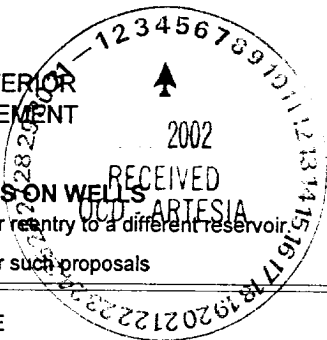


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993



**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well:  OIL WELL  GAS WELL  OTHER

2. Name of Operator  
CHEVRON USA INC

3. Address and Telephone No. 15 SMITH ROAD, MIDLAND, TX 79705 915-687-737

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Unit Letter F : 1650' Feet From The NORTH Line and 1725' Feet From The  
WEST Line Section 1 Township 23-S Range 28-E

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number  
LENTINI 1 FEDERAL  
5

9. API Well No.  
30-015-27565

10. Field and Pool, Exploaratory Area  
DELAWARE

11. County or Parish, State  
EDDY , NM

12. Check Appropriate Box(s) 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"/> Abandonment                                      |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Recompletion                                     |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Plugging Back                                    |
|  | <input type="checkbox"/> Casing Repair                                    |
|  | <input type="checkbox"/> Altering Casing                                  |
|  | <input checked="" type="checkbox"/> OTHER: <u>ADD PAY &amp; FRAC STIM</u> |
|  | <input type="checkbox"/> Change of Plans                                  |
|  | <input type="checkbox"/> New Construction                                 |
|  | <input type="checkbox"/> Non-Routine Fracturing                           |
|  | <input type="checkbox"/> Water Shut-Off                                   |
|  | <input type="checkbox"/> Conversion to Injection                          |
|  | <input type="checkbox"/> Dispose Water                                    |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

CHEVRON U.S.A. INC. INTENDS TO ADD DELAWARE PAY & FRACTURE STIMULATE THE SUBJECT WELL. THE WELL WAS DRILLED & COMPLETED IN 1993 AS A DELAWARE PRODUCER. THIS WORKOVER WILL ADD PAY THAT IS OPEN IN OFFSET WELLS #1 & #2.

THE INTENDED PROCEDURE IS ATTACHED FOR YOUR APPROVAL.

14. I hereby certify that the foregoing is true and correct.

SIGNATURE Denise Leake TITLE Regulatory Specialist DATE 11/1/2002

TYPE OR PRINT NAME Denise Leake

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

**Lentini Federal 1 #5**  
**Add Delaware Pay & Fracture Stimulate**

1650' FNL & 1725' FWL  
Section 1, T23S, R28E  
Eddy County, New Mexico

Date: June 17, 2002  
WBS No: UWPNM-R2106  
Cost Center: UCKF10100

Elevation: 3067' GL 3079' KB

TD: 6400' PBTD: 6332'

Surface: 8-3/8", 24#, K-55 casing at 417' w/ 375 sx, circ.

Production: 5-1/2", 15.5# K-55 casing at 6395' w/ 1700 sx, circ.

Open Perforations: Delaware (2 SPF) 5645'-5656', 5935'-5965', 6155'-6174'.

Tubing: 2-7/8", 6.5#, N-80, (178 jts) TAC at 5504', 20 jts tbg, SN at 6122', perf sub w/ MAJ/BPOB at 6158'.

Rods/Pump: 1-1/4" Insert Pump on 76 rod string.

Comments: 1. Use 2% KCL for workover fluid.

1. MIRUPU. Unseat pump and TOOH w/ rods and pump.
2. ND Tree. NU 5M BOP's. Release TAC. TOOH w/ 2-7/8" tubing, standing back.
3. RU Baker. Set 5-1/2" CIBP at 6140'. Perforate Delaware w/ 2 JSPF, 120<sup>0</sup> phasing from 6062'-6071' (19 holes), 6075'-6083' (17 holes) and 6092'-6113' (43 holes) using 3-1/8" Slick Guns. RD Baker.
4. TIH treating packer on 2-7/8" workstring. Set packer at approximately 6040'. NOTE: Open perfs above packer. Attempt to load backside w/ 2% KCL.
5. RU Schlumberger. Acidize perfs 6062'-6113' w/ 2000 gals 15% HCL w/ 118 ball sealers for divert at 3-4 BPM as per attached design dated 9/26/02. Pump 2% KCL down annulus during treatment at 0.5 BPM. Flush to bottom perf w/ 37 BBLs 2% KCL. Surge balls off perfs.
6. Fracture stimulate Delaware perfs 6062'-6113' down 2-7/8" workstring w/ 17,500 gals 30# x-linked gel and 50,000# 16/30 100% resin coated sand at 12 BPM as per attached design dated 9/26/02. Pump 2% KCL down annulus during treatment at 0.5 BPM. Anticipated surface treating pressure is 2300 psi. Flush to top perf w/ 1509 gals 30# linear gel. RD Schlumberger. Shut-in well overnight to allow resin coated sand to cure.
7. Release packer & TOOH w/ workstring.

Lentini Federal 1  
Add Delaware Pay and Fracture Stimulate  
October 1, 2002

8. RU Baker. Set CIBP at 6035'. Perforate Delaware w/ 4 JSPF, 90<sup>0</sup> phasing from 5980'-6004' (96 holes) and w/ 2 JSPF, 120<sup>0</sup> phasing from 5881'-5884' (7 holes) & 5888'-5905' (35 holes) using 3-1/8" Slick Guns. RD Baker.
9. TIH treating packer and RBP w/ ball catcher on 2-7/8" workstring. Set RBP at 6020' and packer at 5975' (between existing perfs 5935'-65' & new perfs 5980'-6004'). Attempt to load backside w/ 2% KCL.
10. RU Schlumberger. Acidize perfs 5980'-6024' w/ 1200 gals 15% HCL at 3-4 BPM as per attached design dated 9/26/02. Pump 2% KCL down annulus during treatment at 0.5 BPM. Flush to bottom perf w/ 35 BBLs 2% KCL.
11. Release packer and RBP. Reset RBP at 5925' and packer at approximately 5830'. NOTE: Open perfs 5645'-5656'. Acidize perfs 5881'-5905' w/ 1000 gals 15% HCL w/ 63 ball sealers for divert at 3-4 BPM as per attached design dated 9/26/02. Pump 2% KCL down annulus during treatment at 0.5 BPM. Flush to bottom perf w/ 35 BBLs 2% KCL. Surge balls off perfs. RD Schlumberger.
12. Flow/swab back. Release packer, retrieve RBP and TOOH.
13. TIH w/ treating packer on 2-7/8" workstring. Set packer at approximately 5830'. NOTE: Open perfs 5645'-5656'. Attempt to load backside w/ 2% KCL.
14. RU Schlumberger. Fracture stimulate Delaware perfs 5881'-6004' down 2-7/8" workstring w/ 38,500 gals 30# x-linked gel and 108,000# 16/30 100% resin coated sand at 20 BPM as per attached design dated 9/26/02. Pump 2% KCL down annulus during treatment at 0.5 BPM. Anticipated surface treating pressure is 3200 psi. Flush to top perf w/ 1468 gals 30# linear gel. RD Schlumberger. Shut-in well overnight to allow resin coated sand to cure.
15. Release packer & TOOH w/ workstring.
16. MIRU power swivel, reverse unit and foam air unit. TIH w/ 4-3/4" bit and drill collars on 2-7/8" workstring. Clean out sand and drill out CIBP at 6040' and 6140'. Clean out hole to PBSD at 6235'. TOOH & lay down bit and drillstring.
17. TIH w/ 2-7/8" production tubing. Set SN at least 50' below bottom perf.
18. Swab to evaluate production rates.
19. ND BOP's. NU tree.
20. TIH w/ rods and pump and hang well on. RDMOPU.
21. Return well to production and place on test.