

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

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, Alottee 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

- ☒
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

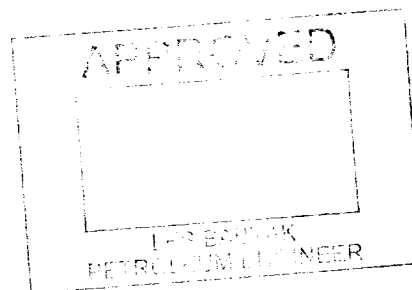
- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☒
- OTHER: ADD PAY & FRAC STIM
-
- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

(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

Title 18 U.S.C. Section 1001, makes 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.

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, 120⁰ 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.

8. RU Baker. Set CIBP at 6035'. Perforate Delaware w/ 4 JSPF, 90⁰ phasing from 5980'-6004' (96 holes) and w/ 2 JSPF, 120⁰ 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 PBTD 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.