

N. M. Oil Cons. Division

811 S. 1ST ST.

ARTESIA, NM 88210-2834

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**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 proposalsFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-2824

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Stevens Federal No. 1

9. API Well No.

30-005-62834

10. Field and Pool, or Exploratory Area

Lone Wolf Devonian, South

11. County or Parish, State

Chaves Co., NM

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Thornton Operating Corporation

3. Address and Telephone No.

P. O. Box 833, Midland, TX 79702 (915) 684-4275

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

2190' FNL, 990' FEL, Sec 28, T 13 S: R 29 E: NMPM

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☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water

(Note: Report results of multiple completion or 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.)

See Attached

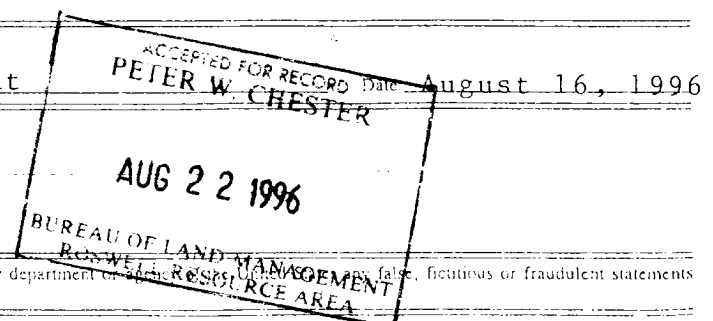
14. I hereby certify that the foregoing is true and correct

Signed

Title President

(This space for Federal or State office use)

Continuation of approval, if any



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.

STEVENS FEDERAL #1
DAILY WORKOVER REPORT

- 04/11/96 RU Pride Petroleum Service rig #919. Dig work over pit. Open tubing and casing. Flow back approx. 2 bbls black fluid appearing to be drilling mud from annulus and also tubing. NU 7-1/16" x 3000# BOP. Talley out of hold with 268 jts 2-7/8" J-55 tubing (8302'). Trico repairman repacked pump and inspected triplex pump. Replaced pressure control bypass valve. SIFN. Prep to squeeze hole in 5-1/2" casing.
- 04/12/96 TIH with Watson 32-A tension packer. Set Pkr @ 1700'. Pressure tubing to 1000#. Bled down to 300# in 30 seconds. Run pkr to 1764'. Pressure tubing to 1000#. Held Ok for 5 minutes. Pulled pkr to 1639' and set. Attempt to pressure annulus to 1000#. Circulated up tubing and out 8-5/8" casing. Continue pulling pkr up hole and pressure testing annulus until pkr was set @ 734'. Casing has numerous holes from 1700' to 734'. Pressure annulus to 1000#. Closed 8-5/8" valve. Establish injection rate via tubing. Start injection of 1-1/2 bpm @ 1500#. After 5 bbls injected, pressure had climbed to 2000#. Could not go any higher for fear of busting 8-5/8" casing in cellar at surface. POH with PKR. TIH with tubing opened ended to 5041'. Spotted 2 sxs 10/20 sand on RBP @ 8701'. Pull tubing up to 1757'. Spot 125 sxs class "c" + 2% CaC12 from 1757-598'. TOH with tubing. Closed blind rams. Load casing with 4-1/2 bbls water to catch pressure. Pumped 4-1/2 more bbls for a total of 9 bbls to get pressure to 2000#. Started stage pumping to 2000# and letting formation bleed off for 1-1/2 hours until no more bleed off. Pumped a total of 12-1/2 bbls. This makes a total of 8 bbls of cement or 34 sxs squeezed out holes and down toward 8-5/8" shoe. Left SI with 2000#. WOC. Prep to drill out cement on Monday.
- 04/15/96 Release pressure on casing (approx. 500#). LD 24 jts tubing to drill with. PU 4-3/4" bit, XO, 10 3-1/2" DC's, XO, and run 25 jts 2-7/8" tubing. Tag cement @ 1094.67'. RU swivel. Wash soft cement from 1094 to 1432'. Drill fair cement from 1432 to 1588'. Drill good cement from 1588 to 1780'. Drill stringers of cement from 1780 to 1807'. Ran tubing to 1860'. Circulate hole clean and test to 1000# with no bleed off. SDFN. Prep to LD DC's, run tubing open ended with Sn to 2500' and do negative swab test for San Andres water coming into well bore.
- 04/16/96 RD swivel. TOH with tubing. LD 10 DC's. TIH with 5-1/2" scraper and 40 stds tubing to 2490.88'. Circulate hole with produced water. RU swab. Swab well down to 2000'. Wait 1 hour. No fluid entry. TOH. Prep to retrieve RBP and run production equipment.
- 04/17/96 Double R pipe delivered 18 jts Thornton 2-7/8" J-55 tubing, 18 jts 2-7/8"

used tested J-55 tubing and 8 jts 2-7/8" flowline. Bearing Service delivered 9 jts 2-7/8" used tested tubing. PU RBP retrieving head on 268 jts 2-7/8" tubing from derrick. PU tubing off ground and tag fill @ 8421'. RU stripper head and swivel. Wash sand, iron sulfide scale and BS to top of RBP @ 8701'. Circulate hole clean with produced water. Unset RBP and TOH with same. SI. Prep to run production equipment.

04/18/96 PU 5-1/2" nickel plated Loc-Set Pkr, Unidraulic barrel with 2-3/8" x 2-7/8" XO and run on 313 jts 2-7/8" 8rd J-55 tubing. Packer set @ 9743.87' in neutral weight. ND BOP and NU well head. Reverse circulate 7C bbls produced water to insure tubing clear. Pump 20 bbls produced water down tubing and drop standing valve in Unidraulic barrel. Circulate standing valve to bottom. Close casing and pressure to 725# for 5 minutes with no bleed off. Installed Unidraulic control head on tubing. RD PU and reverse unit. Waukesha-Pearce picked up F-1197 motor for repair. Trico removed fluid section from tripex pump and took to Hobbs due to not being able to remove valve seats on location. Will start repairing surface plumbing when fluid section is returned in preparation of return of motor.