

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 proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Chaparral Energy, Inc.

3. Address and Telephone No.

10701 N. Broadway Extension, Oklahoma City, OK 73114 (405) 749-9992

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

1650' FSL & 330' FEL of SE/4 Sec. 31-20S-39E

FORM APPROVED

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

5. Lease Designation and Serial No.

MMM 78447

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Llano Federal #1

9. API Well No.

30-025-27667

10. Field and Pool, or Exploratory Area

Sandhills Grayburg/San Andr

11. County or Parish, State

Lea County, New Mexico

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 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.)

- Estimated starting date 3/20/95. MIRU w/o rig. TOH and LD rods and pump. ND pumping flange. NU BOP's. TOH w/2 3/8" tbg. TIH w/CIBP on tbg. and set at 4300'. Pump and spot a 50' cmt. plug on top of CIBP. Load hole w/plug mud. TOH w/tbg. ND BOP's.
- Weld on pull sub to 5 1/2" csg. Run stretch calculations. Shoot csg. off at free point. TOH and LD 5 1/2" csg.
- TIH w/2 3/8" tbg. to a point 75' inside of 5 1/2" csg. stub. Mix and spot a 30 sx. cmt. plug (75' inside 5 1/2" csg., 75' above 5 1/2" csg. stub). TOH w/tbg. to 1701'. Mix and spot a 50 sx. cmt. plug from 1701' to 1601' (50' below surface csg. and 50' inside surface csg.). TOH w/tbg. to 40'. Mix and spot a 15 sx. cmt. plug from 40' - 3'. RD w/o rig. Cut off surface csg. 3' below ground level. Weld on ID plate.
- Restore location.

Note: See attached wellbore sketch for well details.

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

Signed

Daniel W. Friel

Title Petroleum Engineer

Date

3/20/95

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Petroleum Engineer

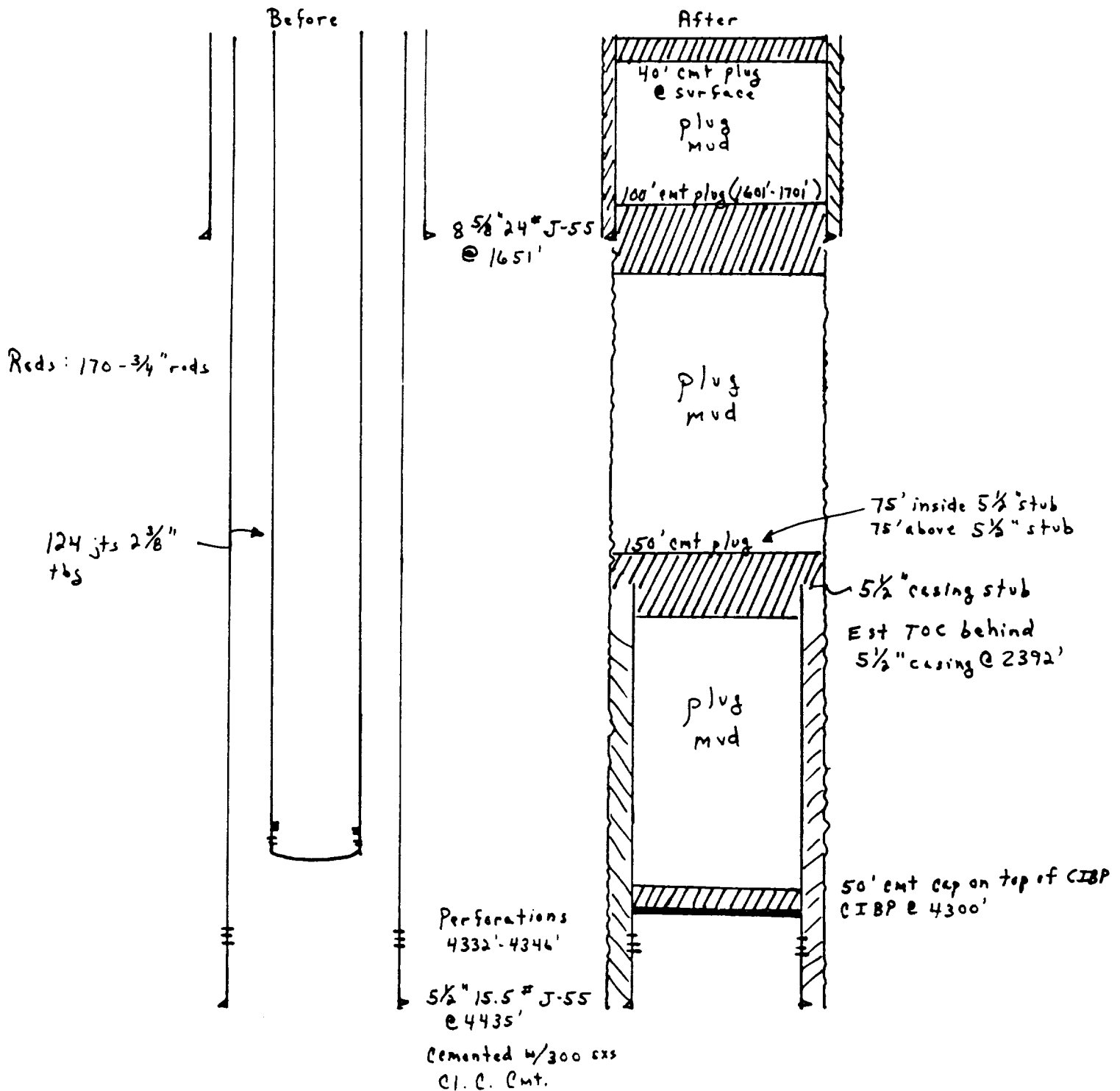
Date

4/18/95

See attached. Also tag plug @ 5 1/2" csg stub & plug @ 8 3/8" csg stub.

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.

Llano Federal Well No. 1
 NE/4 SE/4 Sec 31-20S-39E
 Lea Co., New Mexico



Surface Equipment:

- 2-400 bbl Steel Tanks
- 1-250 bbl FG Water Tank
- 1-4'x20' Heater
- 1-30"x10' LP Separator
- 1-Trico 114 Pumping Unit

BUREAU OF LAND MANAGEMENT
CARLSBAD RESOURCE AREA

Permanent Abandonment of Wells on Federal Lands

Conditions of Approval

1. Approval: Plugging operations shall commence within 90 days from the approval date of plugging procedure.
2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Eddy County call (505)887-6544 ; for wells in Lea County call (505) 393-3612.
3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet ; and a 5M system for a well not deeper than 22,727 feet.
4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" , for up to 7,500 feet of depth, mixed at 14.8 lbs./gal. with 6.3 gallons of fresh water per sack or class "H" , for deeper than 7,500 feet plugs, mixed at 16.4 lbs./gal. with 4.3 gallons of fresh water per sack.
6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).
7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.