

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. CONS. COMMISSION
P.O. BOX 1980

HOBBS, NEW MEXICO

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

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or entry 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

Dugan Production Corp.

3. Address and Telephone No.

P.O. Box 420, Farmington, NM 87499 (505) 325-1821

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

1980' FSL - 660' FWL (Unit L - NW/4 SW/4)
Sec. 24, T9S, R37E, NMPM

5. Lease Designation and Serial No.

NM 0103893

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Allied 93#2

9. API Well No.

30-025-24593

10. Field and Pool, or Exploratory Area

Sawyer (San Andres)

11. County or Parish, State

Lea County, 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

☐ 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.)

Proposed Operation - Plug and abandon utilizing the attached procedure. A current wellbore diagram and proposed diagram after P&A are also enclosed.

Estimated Date of P&A - June 27, 1994 or 30 days after approval of procedure.

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

Signed

Title Vice-President

Date 5/24/94

(This space for Federal or State office use)

Approved by (ORIG. SGD.) JOE G. LARA

Title

PETROLEUM ENGINEER

Date 6/20/94

Conditions of approval, if any:

See attached.

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.

*See Instruction on Reverse Side

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DUGAN PRODUCTION CORP
ALLIED 93 WELL NO. 2
UNIT L, SEC. 24-79S-R37E
LEA COUNTY, NEW MEXICO

PROPOSED PROCEDURE TO PLUG AND ABANDON

1. MIRU Unit. Install BOP. TIH with 4 1/2" Model R Packer and set at 3620'. Determine if the formation can be squeeze cemented by attempting to establish injection rate at 2000 psig using water. Follow option 2A if able to pump into formation and option 2B if unable to pump fluid into formation.
- 2A. TOH w Model R packer. TIH with cement retainer on 2 3/8" tubing and set at 3620'. Squeeze thru retainer with 150 sx Class "C" Cement.
- 2B. (Option) TOH w Model R Packer. Perforate 4 1/2" casing with squeeze holes at 3650'. TIH w tubing. Spot and displace 75 sx Class "C" Cement leaving 100 feet cement inside casing. WOC. Tag top of cement with tubing.
3. Circulate casing with 58 barrels mud laden fluid from 3550'.
4. Perforate 4 1/2" casing at 2280' (Top of Anhydrite). Spot & displace 40 sx Class "C" Cement leaving 100 feet cement inside casing.
5. Perforate 4 1/2" casing at 1320'. (Top of salt is at 1350'). Spot & displace 40 sx Class "C" Cement leaving 100 feet cement inside casing. WOC. Tag top of cement with tubing.
6. Perforate 4 1/2" casing at 442'. Spot & displace 40 sx Class "C" Cement leaving 100 feet cement inside casing. WOC. Tag top of cement with tubing.
7. Spot 10 sx cement plug at surface.
8. RD wellhead. Cut off casing & install dry hole marker.

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DUGAN PRODUCTION CORP.

ALLIED "93" WELL NO. 2

UNIT L, Sec. 24 - T9S - R37E

LEA COUNTY New Mexico

SAWYER (SAND ADDRESS) FIELD

ELEV. 3970 G.L.

8 5/8", 24 lb/lft, Casing set at 392'.
Circulated cement to surface
with 250 SX. Class H, 2% CaCl.

2 3/8", 4.7 lb/lft, J-55 EUE TUBING

TOP - Chemical Cut at 3670'

50% Stuck at 3696, 75% Stuck

at 3700'. Casing Collapse

Bottom - Seating Nipple at 5059

Top of Cement calculated @
4250' using log caliper
@ 85% fillup.

Perforations - 4989-90-92-94-96,
5000-04-06-09-13-15, 5031-33-35
5040-42-46-48-50

PBTD- 5062
TD- 5069

4 1/2", 9.5 lb/lft, Casing set at 5069'.
Cemented with 250 SX. Class "H"
50-50 Pozmix, 2% Gel, 3/4% CFR-2,
8 lb salt.

CURRENT WELLBORE DIAGRAM

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JOHN HODDS
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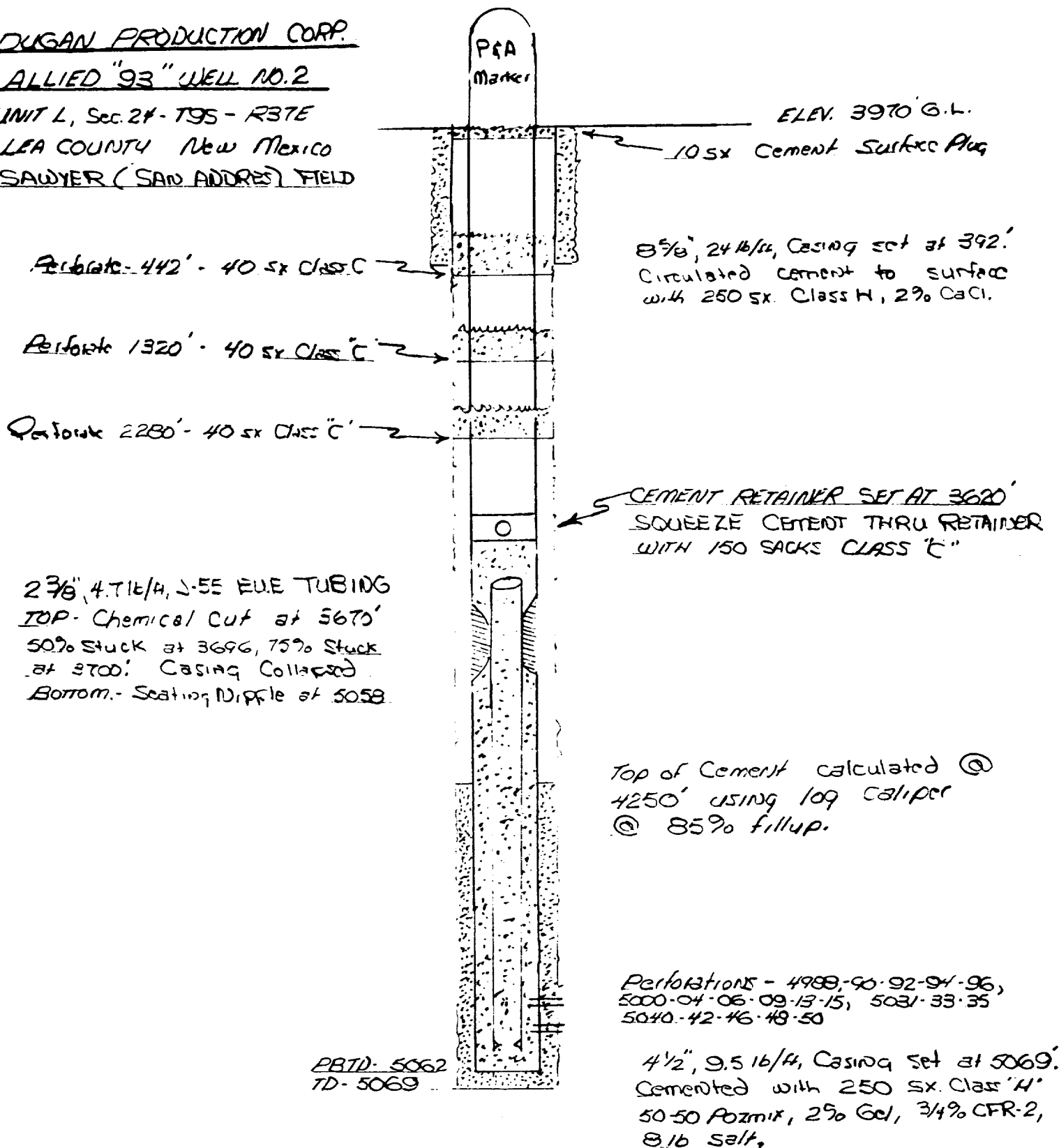
DUGAN PRODUCTION CORP.

ALLIED "93" WELL NO. 2

UNIT L, Sec. 24 - T9S - R37E

LEA COUNTY New Mexico

SAWYER (SAN ANDRES) FIELD



WELLBORE DIAGRAM AFTER
PLUG AND ABANDONMENT
PROPOSED

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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.

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