

C15F

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

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

5. Lease Designation and Serial No.

NMNM83565

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

CASSIDY FEDERAL #1

9. API Well No.

30-005-00192

10. Field and Pool, or Exploratory Area

BUFFALO VALLEY

11. County or Parish, State

CHAVES COUNTY, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

SOUTHWEST ROYALTIES, INC.

3. Address and Telephone No.

P.O. BOX 11390, MIDLAND, TX 79702 (915) 686-9927

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

660' FSL & 660' FEL  
SEC 27, T-14S, R-27E

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.)\*

WE PROPOSE TO PLUG & ABANDON THIS WELL AS FOLLOWS:

- 1) CIRCULATE HOLE W/ 9#/GAL MUD.
- 2) RU WL & SET 4-1/2" CIBP @ 7420' AND CAP W/ 35' OF CL "C" CMT.
- 3) RUN FREE POINT AND SHOOT OFF CSG @ 6400'. POH WITH 4-1/2" CSG.
- 4) PMP 45 SX CL "C" CMT FROM 6320' - 6480' FOR 160' STUB PLUG. *big plug*
- 5) PMP 40 SX CL "C" CMT FROM 2166' - 2286' FOR 120' SHOE PLUG. *big plug*
- 6) PMP 25 SX CL "C" CMT FROM 1397' - 1507' FOR 9-5/8" SHOE PLUG
- 7) PMP 20 SX CL "C" CMT FOR 100' SURFACE PLUG
- 8) CUT OFF AND INSTALL 4'X4" DRY HOLE MARKER
- 9) FILL IN PITS, CLEAN LOCATION, FILL IN CELLAR, AND RESTORE SURFACE
- 10) DUE TO ROAD BEING AND EXISTING ROAD USED BY SURFACE TENANT. WE DO NOT HAVE PLANS TO RECLAIM OR RIP UP.

\* also spot plug 4800'-4940'.

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

Signed

Kate Elser

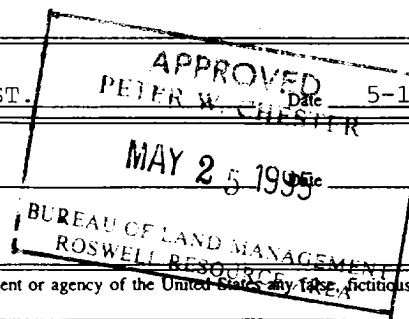
Title REGULATORY ASST.

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title



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.

# Well Bore - Proposed P.A

## SOUTHWEST ROYALTIES

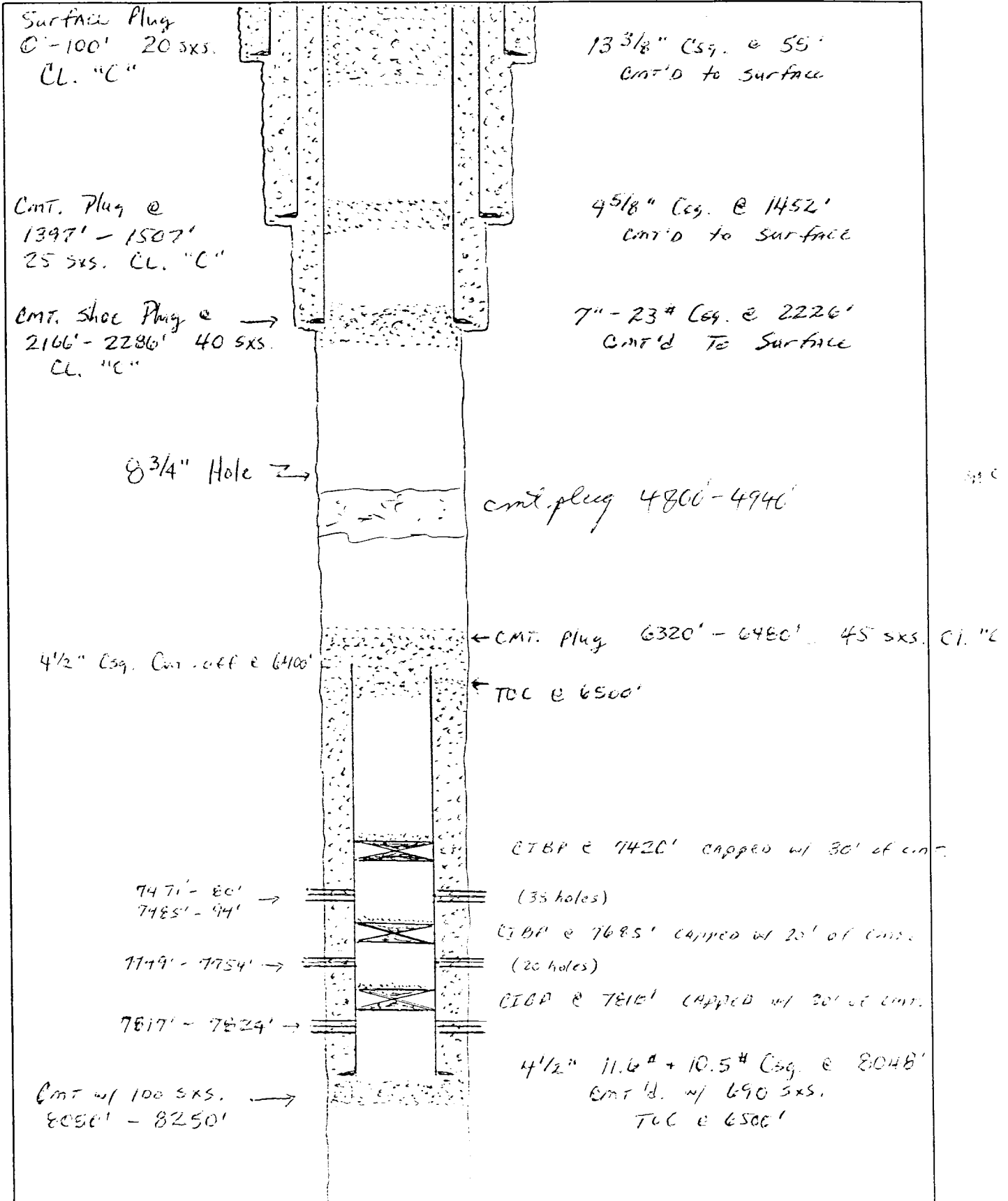
PROJECT Cassidy Federal #1

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OF 1

BY NWP/1/95

DATE 5/18/95



# Wellbore in Present Condition

## SOUTHWEST ROYALTIES

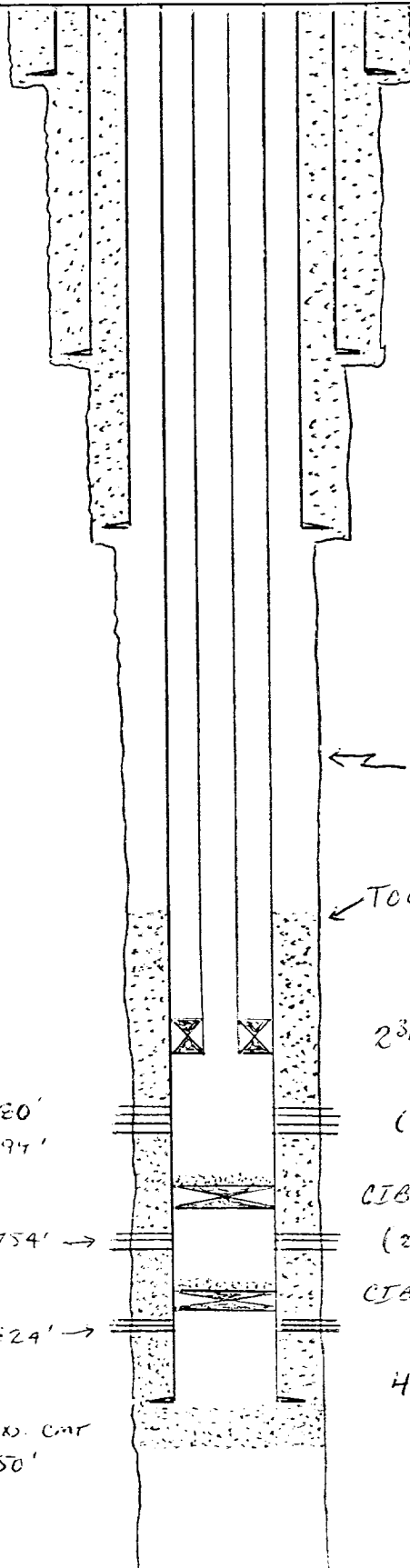
PROJECT Cassidy Federal #1

660' FSL & 660' FEL, Sec 27, T-14S, R-27E

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BY NWP

DATE 5/18/95



13<sup>3/8</sup>" Csg. @ 55'  
CMT'D. to surface

9<sup>5/8</sup>" Csg. @ 1452'  
CMT'D. to surface

7" - 23<sup>#</sup> Csg. @ 2226'  
CMT'D. to surface

← 8<sup>3/4</sup>" Hole

← TOC @ 6500'

2<sup>3/8</sup>" x 4<sup>1/2</sup>" Lock-Set PKR. @ 7387'

(38 Holes)

CIBP @ 7685' CAPPED w/ 20' of CMT.

(20 Holes)

CIBP @ 7810' CAPPED w/ 20' of CMT.

4<sup>1/2</sup>" - 11.6<sup>#</sup> @ 10.5<sup>#</sup> Csg. @ 8048'  
CMT'D. w/ 690 SXS.

7471' - 80'

7485' - 94'

7749' - 7754' →

7817' - 7824' →

Pumped 100 SXS. CMT  
8050' - 8250'