

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.

SF-077384

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Madeleine N. Galt "H" 1E

9. API Well No.

30 045 24755

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, New Mexico

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company Attn: John Hampton

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

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

1740' FNL, 790' FWL, Sec. 1, T27N-R10W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF NOTICE

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☒ Abandonment

☒ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other temporary pit

☐ 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.)\*

Amoco Production Company intends to abandon the Chacra formation in the subject well and recomplete (plug back) to the Fruitland Coal formation per the attached procedures. Amoco also requests approval to construct a temporary 15' X 15' X 5' (maximum size) blow pit for return fluids. This pit will be reclaimed upon completion of this operation. Application for unorthodox location has been filed with the NMOCD. Please contact Cindy Burton (303) 830-5119 if you have any questions relating to the above.

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

Signed John Hampton

Title Sr. Staff Admin. Supv.

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

Title \_\_\_\_\_

Date 10/16/91

Date OCT 17 1991

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

NMOCD

1933-1934

1935-1936

1937-1938

## RECOMPLETION PROCEDURE

M.N. GALT H 1 E

SEC. 1E-T27N-R10W

PXA CHARCRA

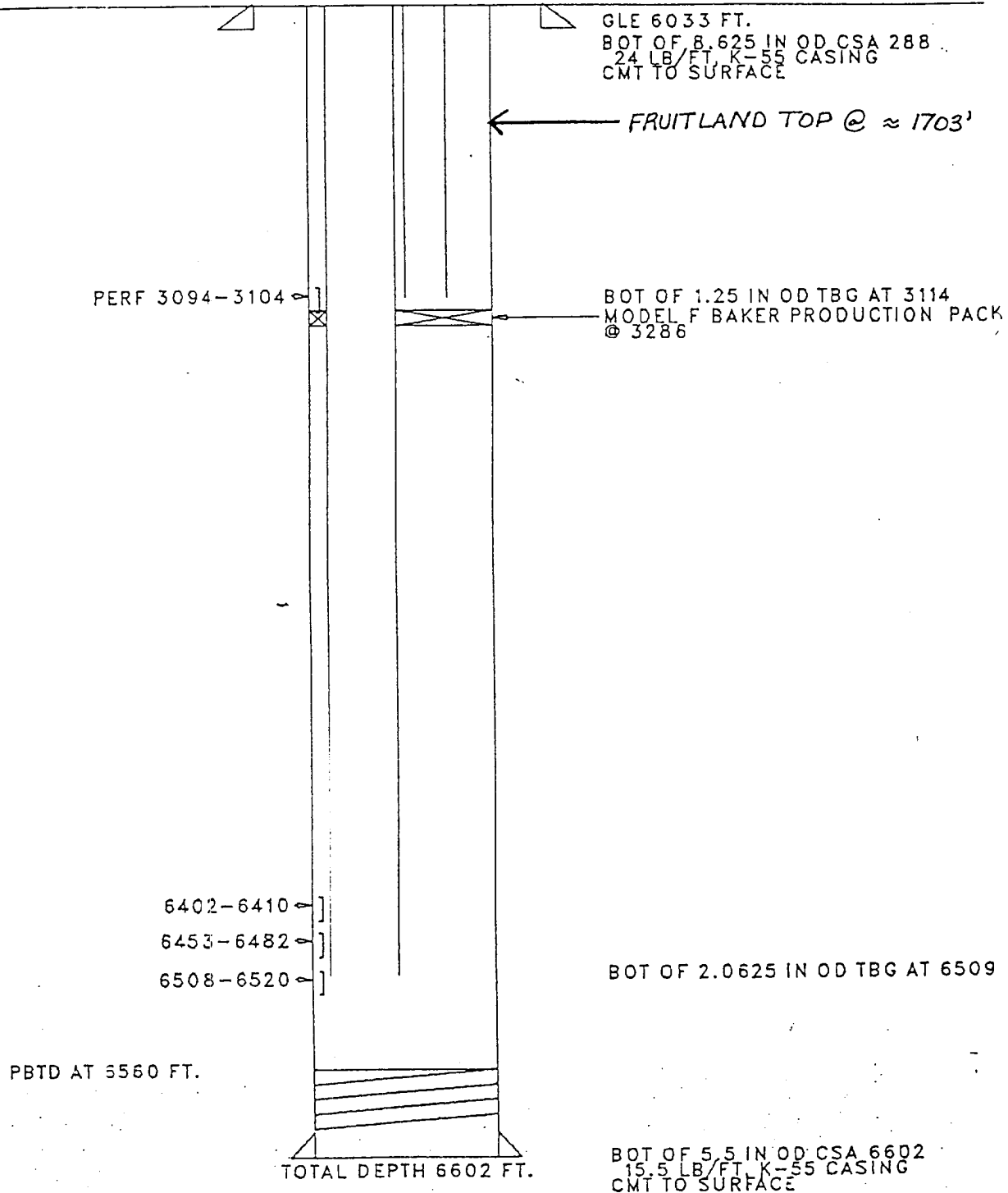
RECOMPLETE TO FRUITLAND COAL

1. Check location for anchors. Install if necessary. Test anchors.
2. MIRUSU. Blow well down. Kill if necessary w/fresh water.  
NDWH. NUBOP.
3. Sting out of model F pkr. with 2-1/16" tbg and rev. circ. debris off top of pkr. TOO H with 1-1/4" tbg and 2-1/16" tbg. TIH with 5-1/2" RBP at 3250' and spot 2 sacks of sand on top. TIH with tbg and cement retainer. Set retainer at 3050'. Squeeze Charcra (3104-3094) perforations with 70 cu.ft. class B cement.
4. WOC 24hrs. Drill out cement to sand. (est. at 3204')
7. TIH and tag TOC. Circulate hole clean. POOH.
8. Install wellhead isolation tool and test to 1500 psi. Pressure test Casing to 3500 psi.
9. RU wireline company. Run a GR/CCL from PBTD to 1000'. Tie in with GR/DENS-N Log and IND-GRDL dated 11/30/81.
10. Swab fluid level down. TIH w/ perforating gun, 90° phasing. w/8 JSPF and largest gram charge poss. at the following intervals:  
1986'-1962'      1904'-1888'      1880'-1864'  
1802'-1792'
11. RU fracture company. Fracture stimulate down casing w/ slick H<sub>2</sub>O frac according to the attached procedures.
12. Retrieve 5-1/2" RBP @ 3250'
13. Flow well back slowly and try to avoid sand production.
14. TIH w/ 2-3/8 tubing and mod F Baker Prod pkr. Set pkr @ 2050'. Land tbg @ 6510.
15. TIH w/ 1-1/4 tubing. When sand production stops, land tubing @ 1990.
16. Flow well into test separator. Report Gas/Water volumes and casing/tubing pressures to Denver office. If necessary, swab well onto production.
17. NU Wellhead/Sales line connections. Put well on production.

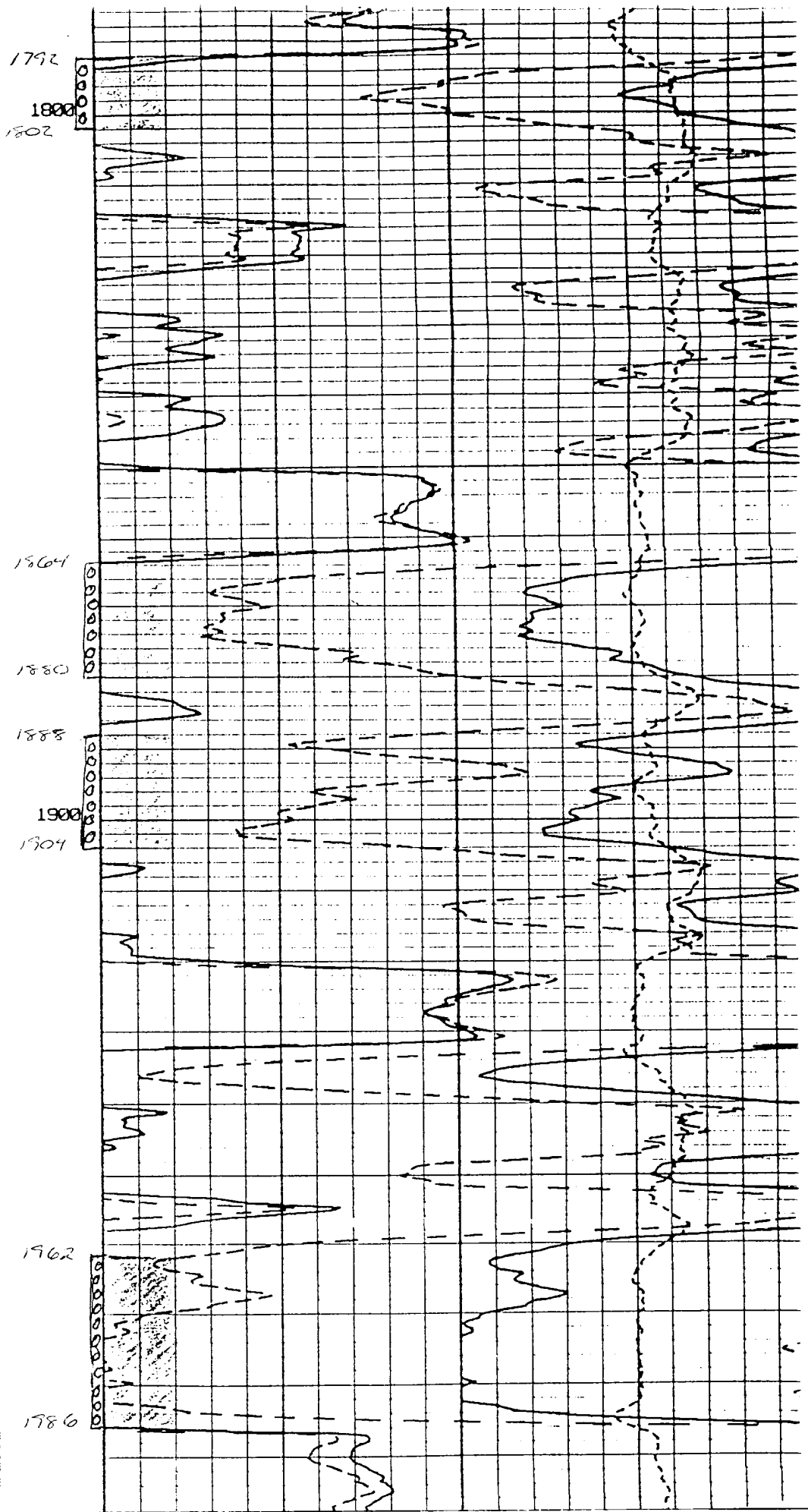
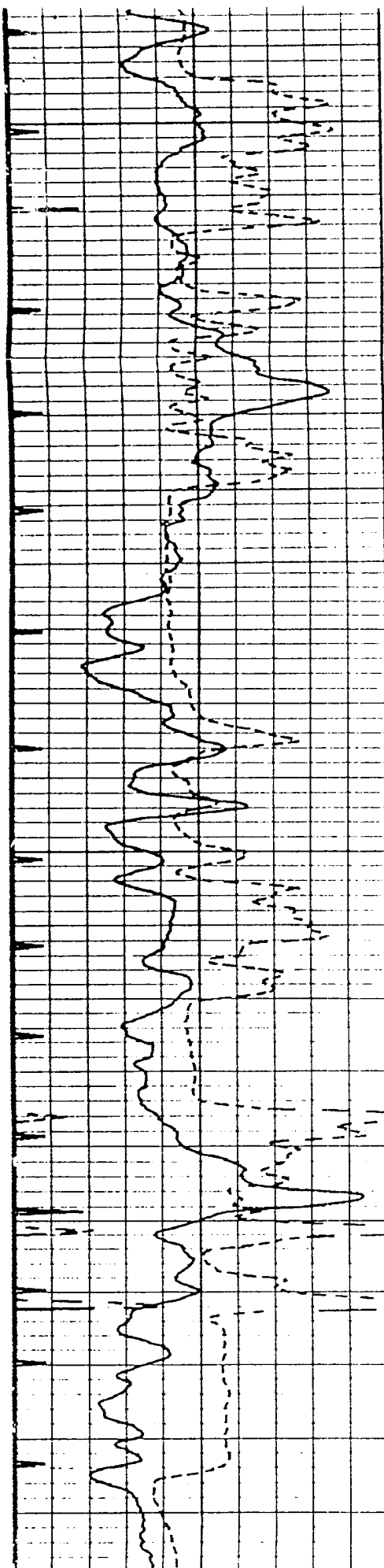
Attachments:      Current Wellbore Dia.  
                         Log showing Fruitland interval  
                         Detailed Frac Procedures (to be developed at a later date)

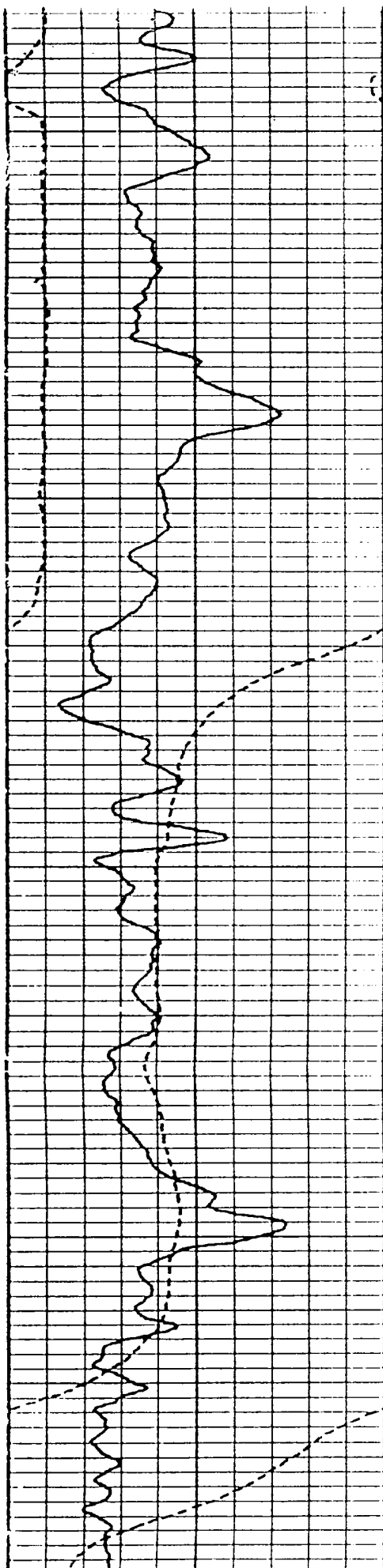
GEG 10/91

M. N. GALT H #1E  
T 27N - R 10W - 1E  
SAN JUAN COUNTY, NEW MEXICO



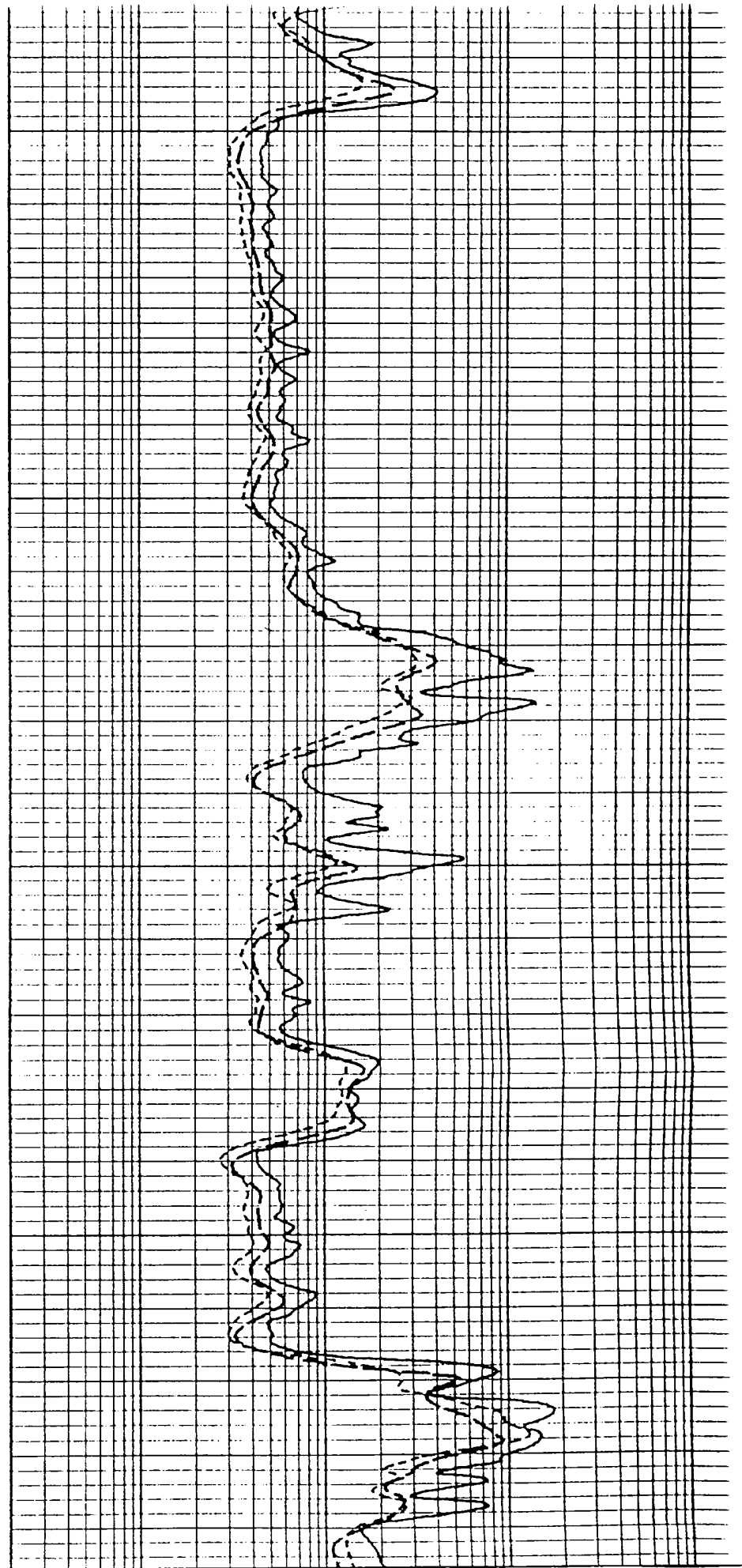
FILENAME:  
GALT 06/22/90





1800

1900





**Amoco Production Company**

Southern Rockies U.S. Business Unit  
Amoco Building  
1670 Broadway  
Post Office Box 800  
Denver, Colorado 80201  
303-830-4040

October 1, 1991

Mr. William J. LeMay  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504

File: CAW-310-986.511

Application for Unorthodox Location  
Madeleine N. Galt H 1E Well  
1740' FNL, 790' FWL, Section 1-T27N-R10W  
Basin Fruitland Coal Pool  
San Juan County, New Mexico

*Recompl.*

Amoco Production Company hereby requests administrative approval for an unorthodox well location in the Basin Fruitland Coal Pool. Amoco plans to recomplete the existing Madeleine N. Galt H 1E Well from the Chacra formation to the Fruitland Coal formation. The Chacra formation is currently uneconomic. The well will continue to produce from the Dakota formation as a dual completion. The location of the well is 1740' FNL and 790' FWL of Section 1-T27N-R10W. Although this location is orthodox for the Chacra pool, it is unorthodox in the Basin Fruitland Coal Pool due to the required NE-SW pattern. All existing wells in the orthodox location are currently economic producers and are not candidates for recompletion.

A copy of this application will be submitted to the offset operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office. Attached is a plat showing the location of the well and offset operators and a plat showing all wells drilled in the section.

Sincerely,

*J. W. Hawkins*  
J. W. Hawkins

Attachment

**Waiver**

\_\_\_\_\_ hereby waives objection to Amoco's application for an unorthodox well location for the Madeleine N. Galt H 1E Well as proposed above.

By: \_\_\_\_\_

Date: \_\_\_\_\_

William J. LeMay  
October 1, 1991  
Page 2

cc: Tom Lapinski  
Greg Grotske  
Mike Cuba  
Cindy Burton  
Offset Operators:

Conoco Inc.  
3817 Northwest Expressway  
Oklahoma City, OK 73112-1400  
Attn: Jerry Hardin

El Paso Natural Gas, Southland Royalty Company  
and Meridian Oil Inc.  
c/o Meridian Oil Inc.  
P. O. Box 4289  
Farmington, NM 87499-4289  
Attn: Kent Beers

Marbob Energy Corporation  
P. O. Drawer 217  
Artesia, NM 88210  
Attn: Raye Miller

McKenzie Methane Corporation  
1625 Broadway, Suite 2580  
Denver, CO 80202  
Attn: Roger Lichty

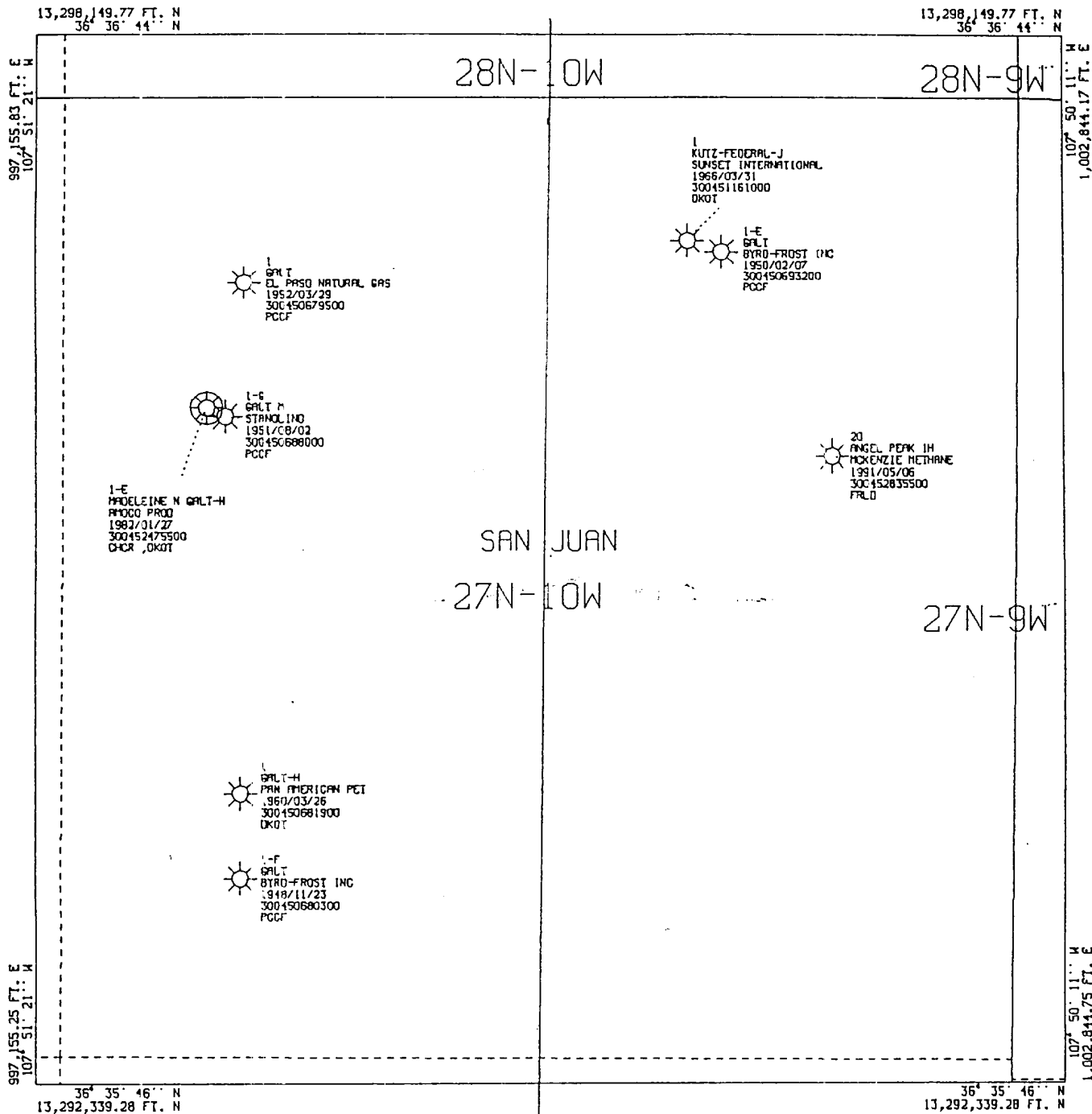
Mobil Exploration and Producing U. S. Inc.  
P. O. Box 633  
Midland, TX 79702  
Attn: Glenn Cox

Damson Oil Corporation  
P. O. Box 4391  
396 W. Greens Rd.  
Houston, TX 77210  
Attn: Land Department

Consolidated Operating Partners, L. P.  
1860 Lincoln St., Suite 1100  
Denver, CO 80203



PLOT 1 22.21.21 MON 23 SEP, 1991 JOB-PV554102, ISSCO 01SSPLA 10.0



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POLYCONIC CENTRAL MERIDIAN - 107° 50' 46" W LONG  
SPHEROID - 6

AMOCO PRODUCTION COMPANY  
PLAT MAP  
ALL WELLS  
SEC.1-T27N-R10W  
SCALE 1 IN. = 700 FT. SEP 23, 1991

HORIZONTAL DATUM NAD27

CH513013--RUN-91266221855