



**High Angle/Horizontal Drilling  
Pilot Project  
Moore #5R Well  
Blanco Mesaverde Pool  
San Juan County, New Mexico**

**Amoco Production Company**



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*Southern*

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*Rockies*

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*Business*

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*Unit*

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July 12, 1994

Mr. William J. LeMay, Director  
New Mexico Oil Conservation Division  
310 Old Santa Fe Trail  
Santa Fe, NM 87501

**Application of Amoco Production Company  
For A High Angle/Horizontal Directional Drilling Pilot  
Project Area And Special Operating Rules Therefore,  
San Juan County, New Mexico**

AMOCO PRODUCTION COMPANY ("Amoco") hereby makes application for approval of a high angle/horizontal directional drilling pilot project area and special operating rules therefore. In support of this application, Amoco states the following:

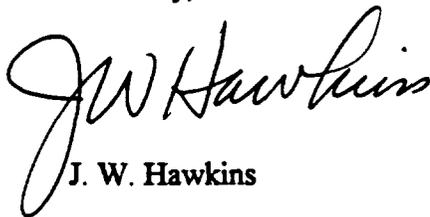
1. Amoco is the operator of the Mesaverde formation, Blanco-Mesaverde Pool, underlying the S/2 of Section 9, Township 30 North, Range 8 West, N.M.P.M., San Juan County, New Mexico, hereinafter referred to as the "Project Area."
2. Within the Project Area, Amoco seeks authority to:
  - (a) reenter its Moore No. 5 located at a surface location 990 feet from the South line and 1805 feet from the West line (Unit N) of Section 9, Township 30 North, Range 8 West;
  - (b) use medium-radius drilling techniques to drill a high angle/horizontal well in the Mesaverde formation in a direction and lateral distance to be determined by Amoco;
  - (c) traverse quarter-quarter section lines within the Project Area by its proposed wellbore; and
  - (d) drill the proposed horizontal wellbore to within 790 feet of the outer boundary of the Project Area.

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3. Horizontal drilling within the Project Area should result in the recovery of significant volumes of oil and gas which was not recovered by the existing conventional vertical wellbores, thereby preventing waste.
4. Approval of this application will otherwise be in the best interest of conservation, the prevention of waste and the protection of correlative rights.

Amoco Production Company requests that this application be set for hearing before a duly appointed Examiner of the Oil Conservation Division on August 4, 1994. A copy of this application will be sent to each of the operators of spacing units offsetting the Project Area by certified mail.

Sincerely,



J. W. Hawkins

CASE \_\_\_\_\_ : **Application of Amoco Production Company for a high angle/horizontal directional drilling pilot project area and special operating rules therefore, San Juan County, New Mexico. Applicant seeks authority to institute a horizontal directional drilling project in the Blanco-Mesaverde Pool in the S/2 of Section 9, Township 30 North, Range 8 West. Applicant proposes to reenter its Moore No. 5 well at a surface location 990 feet from the South line and 1805 feet from West line (Unit N); kicking off the vertical, build angle a medium radius curve and continue drilling in said pool. Applicant further seeks special rules and provisions within the project area including authorization to cross quarter and quarter-quarter section lines and the designation of a prescribed area for the wellbore limiting the horizontal displacement of any drainhole to within 790' of the boundary of the project area. Said project is located approximately \_\_\_\_\_ miles \_\_\_\_\_ of \_\_\_\_\_, New Mexico.**

**Amoco Production Company**

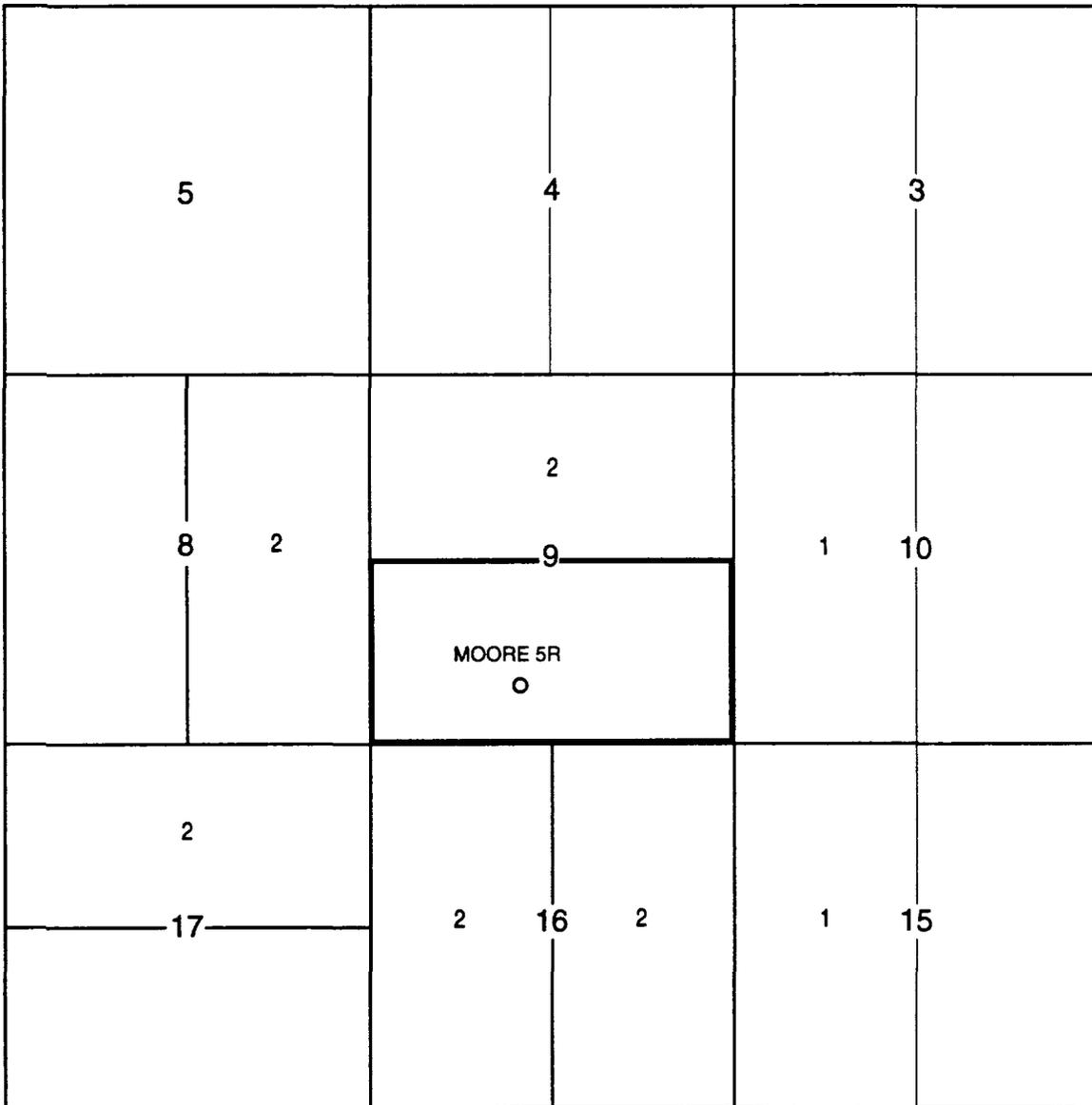
Offset Operator Plat

Moore 5R

T30N-R8W, Sec.

990 FSL & 1805 FWL

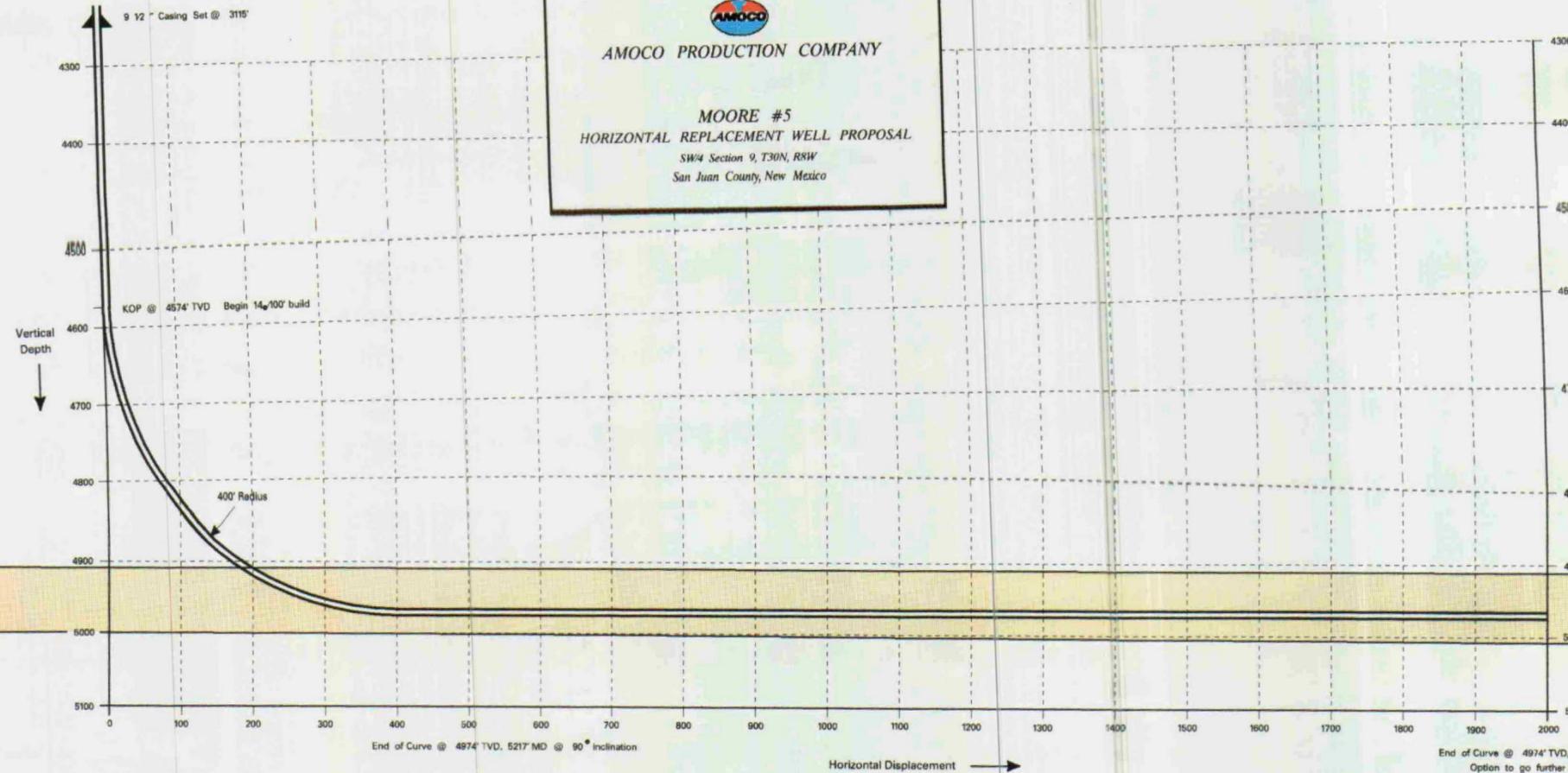
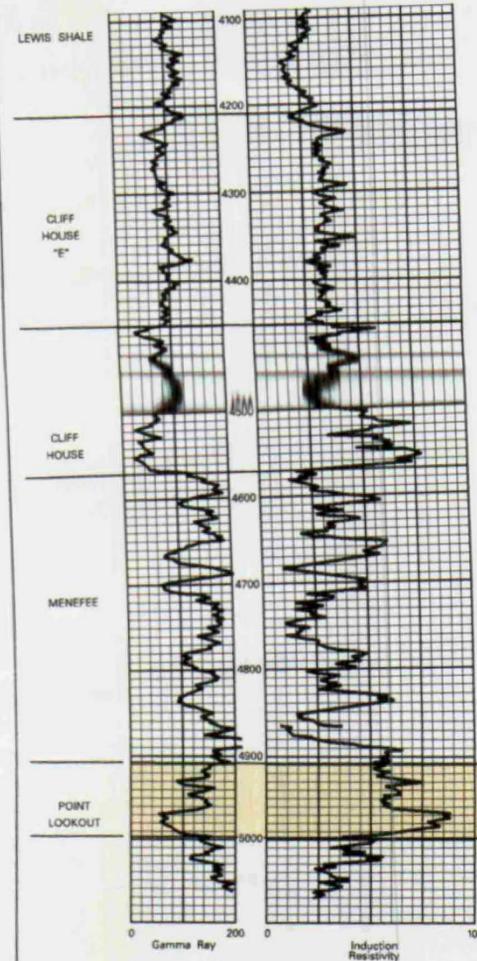
Blanco Mesaverde Formation



1 Amoco Production Company

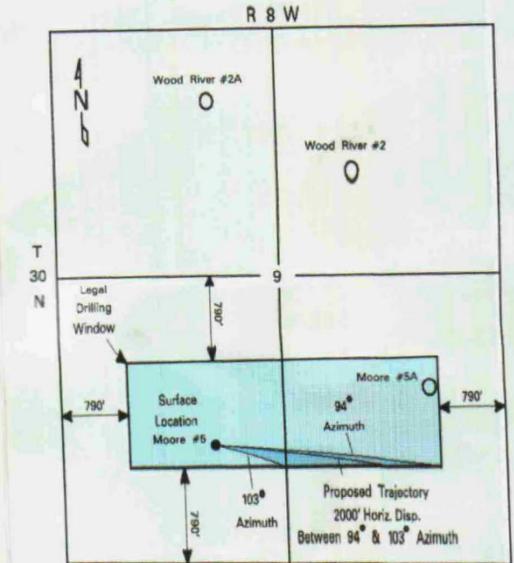
2 Meridian Oil, Inc.

Delhi-Taylor Corp.  
 Moore #5  
 (990 FSL, 1805 FWL) SW/4 Sec. 9, T30N, R8W  
 San Juan County, New Mexico  
 KB: 5889

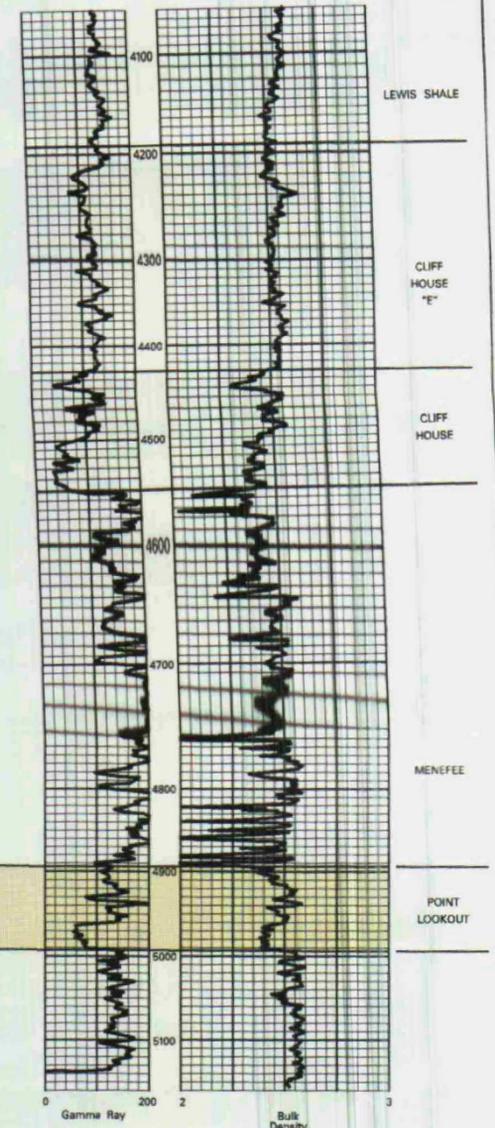


**AMOCO PRODUCTION COMPANY**

**MOORE #5**  
 HORIZONTAL REPLACEMENT WELL PROPOSAL  
 SW/4 Section 9, T30N, R8W  
 San Juan County, New Mexico



Tenneco  
 Moore #5-A  
 (890 FSL, 1515 FEL) SE/4 Sec. 9, T30N, R8W  
 San Juan County, New Mexico  
 KB: 5877

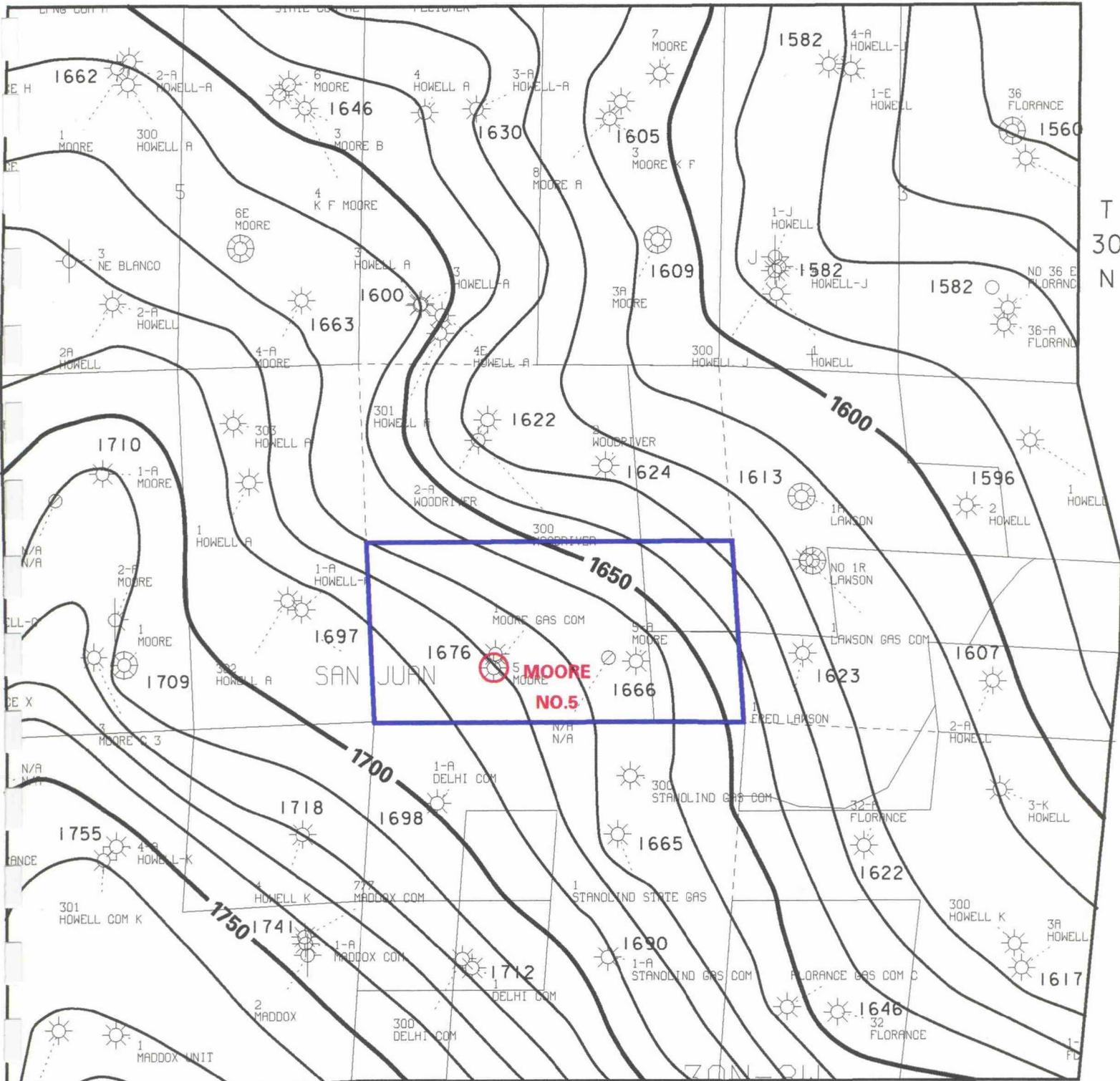


Amoco Production Company  
 NMOCD Case 11052  
 August 4, 1994  
 Exhibit #2

11052-112.dgn

R 8 W

T 30 N

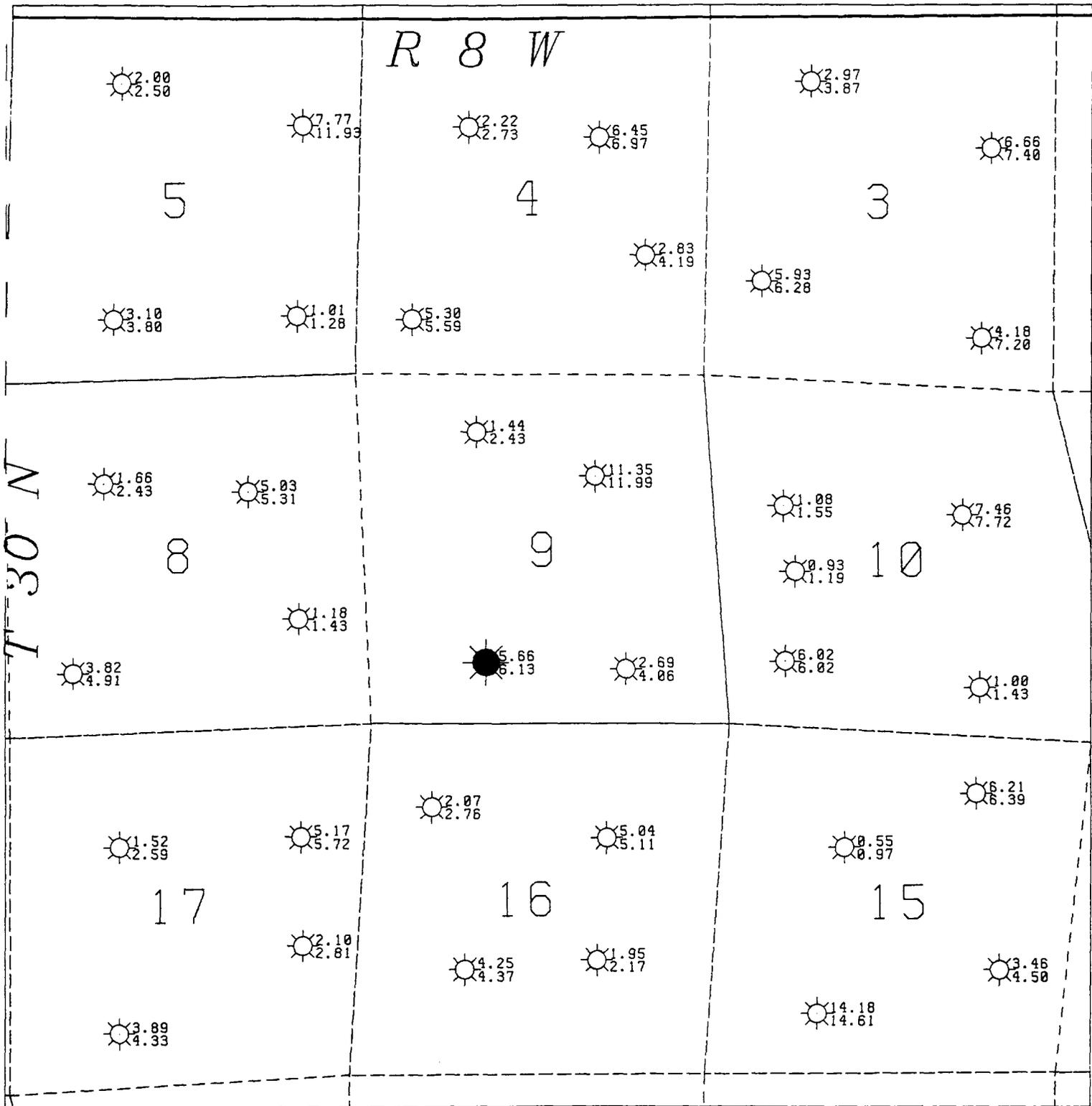


*Standard  
640-acre Section*



AMOCO PRODUCTION COMPANY  
NMOCD CASE 11052  
AUGUST 4, 1994  
EXHIBIT #3

MOORE NO. 5 AREA  
SAN JUAN COUNTY, NEW MEXICO  
CLIFF HOUSE "E" STRUCTURE  
C. I. = 10'



AMOCO PRODUCTION CO.  
SOUTHERN ROCKIES BUSINESS UNIT

NMOCD CASE 11052  
EXHIBIT # 4  
MOORE NO 5

T 30 N, R 8 W, SEC 9, SESW  
SAN JUAN COUNTY, NEW MEXICO

