

H. L. BROWN, JR.
POST OFFICE BOX 2237
MIDLAND, TEXAS 79702-2237

June 11, 1993

*Received
6/14/93*

Mike Stogner
State of New Mexico
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501-2088

Re: North Feather State Unit #1
1650' FNL and 990' FEL of
Sec 16, T-15S, R-32E, UL H
Lea County, New Mexico

Dear Mr. Stogner:

At this time H. L. Brown, Jr. would like to request approval for an unorthodox location on the above captioned North Feather State Unit #1 well.

Originally, this well was drilled as an oil well on a 40 acre proration unit. However, after completion, it was apparent the properties of the well were indicative of a gas well; API Gravity of 58.5°, GOR of 79,000, and an original reservoir pressure of 5826 psig indicating an undepleted reservoir. This evidence motivated H. L. Brown, Jr. to request a new gas pool designation from the NMOCD - Hobbs Division. When approved, a 320 acre proration unit will be established and the well will be on an unorthodox location.

Enclosed for your reference are copies of the original C-102, with a 40 acre dedication, and the revised C-102 with a 320 acre dedication. There is also a land plat enclosed indicating the proposed 320 acre proration unit.

Also enclosed, please find copies of the notification to offset operators regarding our request for approval of an unorthodox location. These notification letters were sent certified with return receipt requested.

Through our research and testing, we have come to the conclusion that this well is indeed a gas well and a 320 acre proration unit will insure this reservoir will not be depleted prematurely. We appreciate your consideration of our request and if you have any questions or need any additional information, please feel free to call me at (915) 683-5216.

Very truly yours,

John T. Gray

John T. Gray
Production Engineer

JTG:ds
enclosures
cc

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

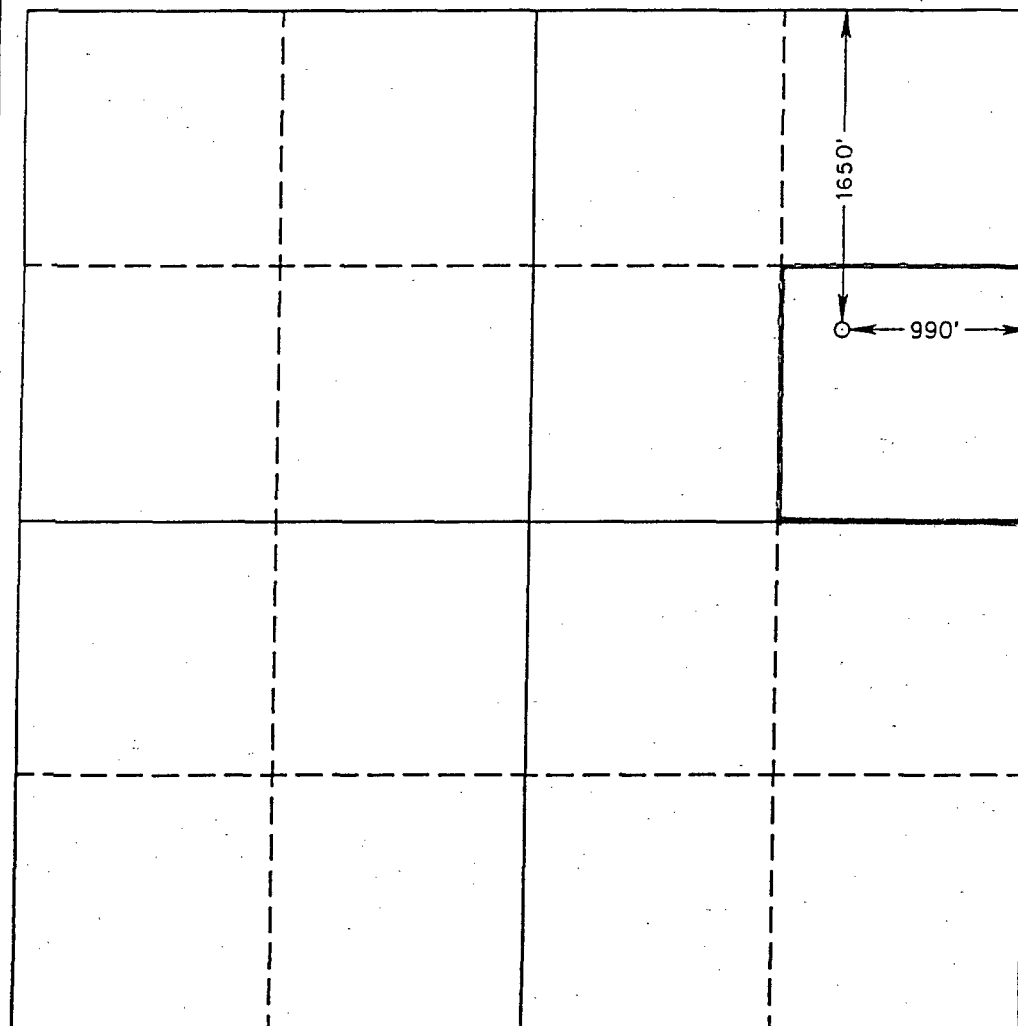
All Distances must be from the outer boundaries of the section

Operator H.L. BROWN, JR.		Lease STATE 16		Well No. 1
Unit Letter H	Section 16	Township 15 SOUTH	Range 32 EAST NMPM	County LEA
Actual Footage Location of Well: 1650 feet from the NORTH line and 990 feet from the EAST line				
Ground Level Elev. 4297.9'	Producing Formation Morrow	Pool Feather Morrow Oil	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature <i>Robert Wilson</i>
Printed Name Robert Wilson
Position Production Engineer
Company H. L. Brown, Jr.
Date January 5, 1993

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed DECEMBER 15, 1992
Signature & Seal of Professional Surveyor <i>Daryl Jones</i>
Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239 GARY L. JONES, 7977

92-11-1977

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

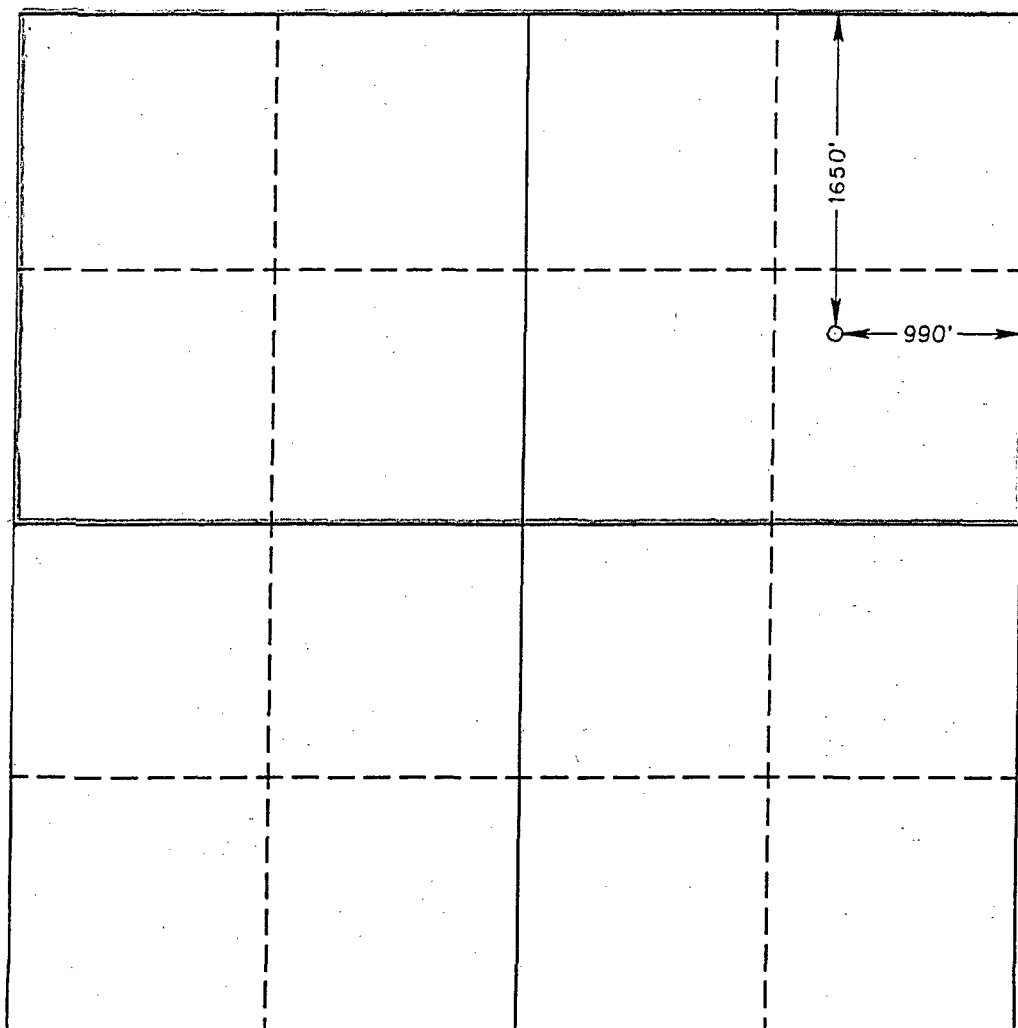
All Distances must be from the outer boundaries of the section

Operator H.L. BROWN, JR.			Lease North Feather State Unit		Well No. 1
Unit Letter H	Section 16	Township 15 SOUTH	Range 32 EAST NMPM	County LEA	
Actual Footage Location of Well: 1650 feet from the NORTH line and 990 feet from the EAST line					
Ground Level Elev. 4297.9'	Producing Formation Morrow	Pool Wildcat		Dedicated Acreage: 320 Acres	

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2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
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OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

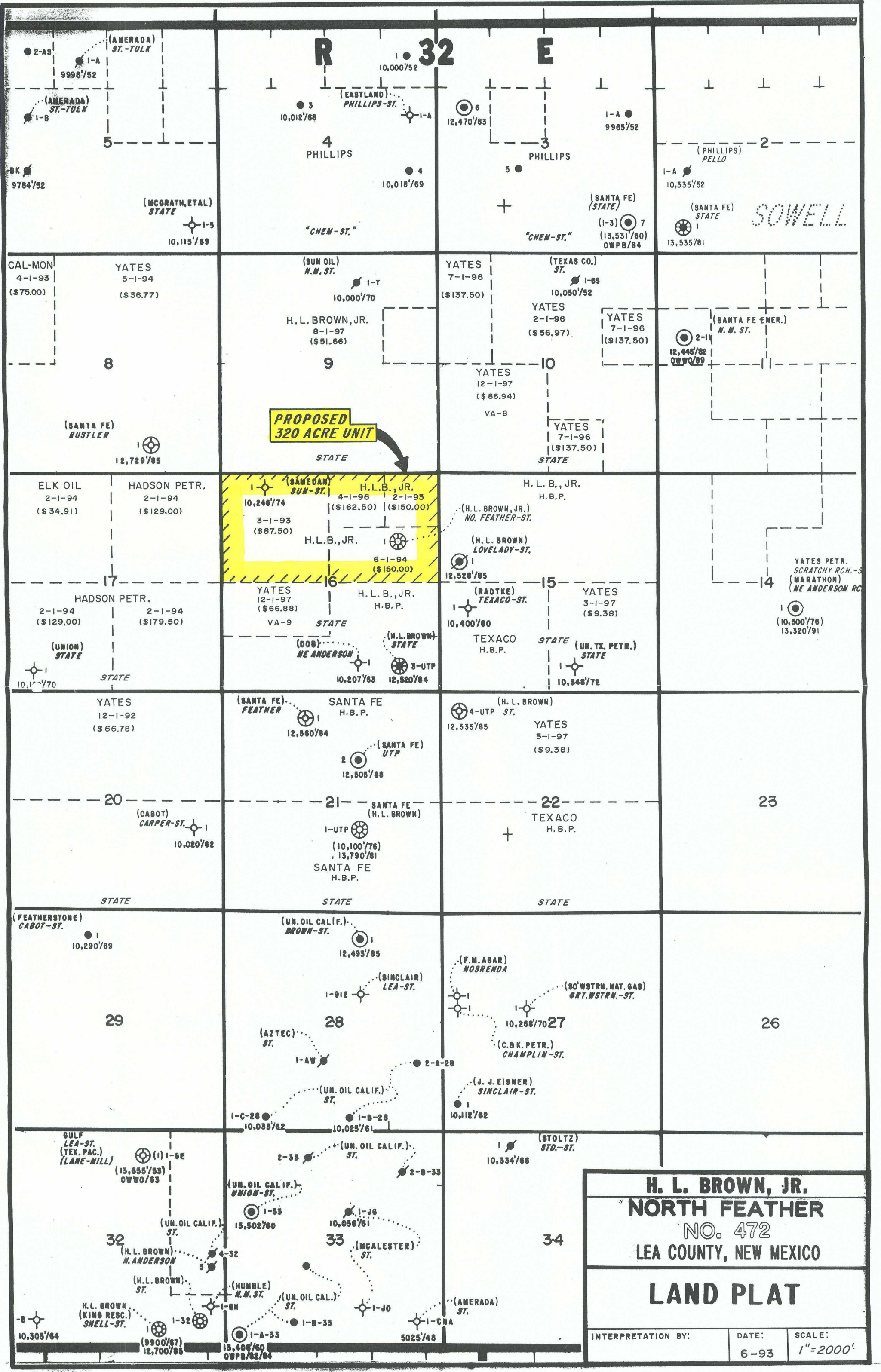
Signature
John I. Gray
Printed Name
John Gray
Position
Production Engineer
Company
H. L. Brown, Jr.
Date
June 7, 1993

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
DECEMBER 15, 1992
Signature & Seal of
Professional Surveyor

Daryl Jones
Certificate No. JOHN W. WEST, 878
RONALD J. EIDSON, 3239
GARY L. JONES, 7977



nm

H. L. BROWN, JR.
POST OFFICE BOX 2237
MIDLAND, TEXAS 79702-2237

June 11, 1993

Texaco Exploration & Production Inc.
Box 3109
Midland, Texas 79702

Re: H. L. Brown, Jr.
North Feather State Unit #1
1650' FNL and 990' FEL of
Sec 16, T-15S, R-32E
Lea County, New Mexico

Gentlemen:

H. L. Brown, Jr. has applied with the State of New Mexico Oil Conservation Division for an unorthodox location for the above captioned well. The well is located 1650' FNL and 990' FEL of Section 16, on a 320 acre proration unit, plat attached.

This letter is notification to you as an offset operator that this application has been submitted to the NMOCD.

Very truly yours,

H. L. BROWN, JR.



John T. Gray
Production Engineer

JTG:ds
attachment
cc: NMOCD

nm

H. L. BROWN, JR.
POST OFFICE BOX 2237
MIDLAND, TEXAS 79702-2237

June 11, 1993

Hadson Petroleum (USA), Inc.
101 Park Avenue
Suite 1400
Oklahoma City, Oklahoma 73102

Re: H. L. Brown, Jr.
North Feather State Unit #1
1650' FNL and 990' FEL of
Sec 16, T-15S, R-32E
Lea County, New Mexico

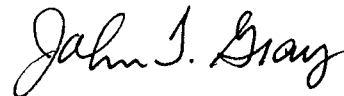
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John T. Gray
Production Engineer

JTG:ds
attachment
cc: NMOCD

nm

H. L. BROWN, JR.
POST OFFICE BOX 2237
MIDLAND, TEXAS 79702-2237

June 11, 1993

Yates Petroleum Corporation
105 South Fourth Street
Artesia, New Mexico 88210

Re: H. L. Brown, Jr.
North Feather State Unit #1
1650' FNL and 990' FEL of
Sec 16, T-15S, R-32E
Lea County, New Mexico

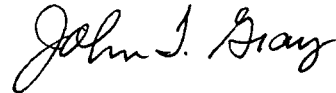
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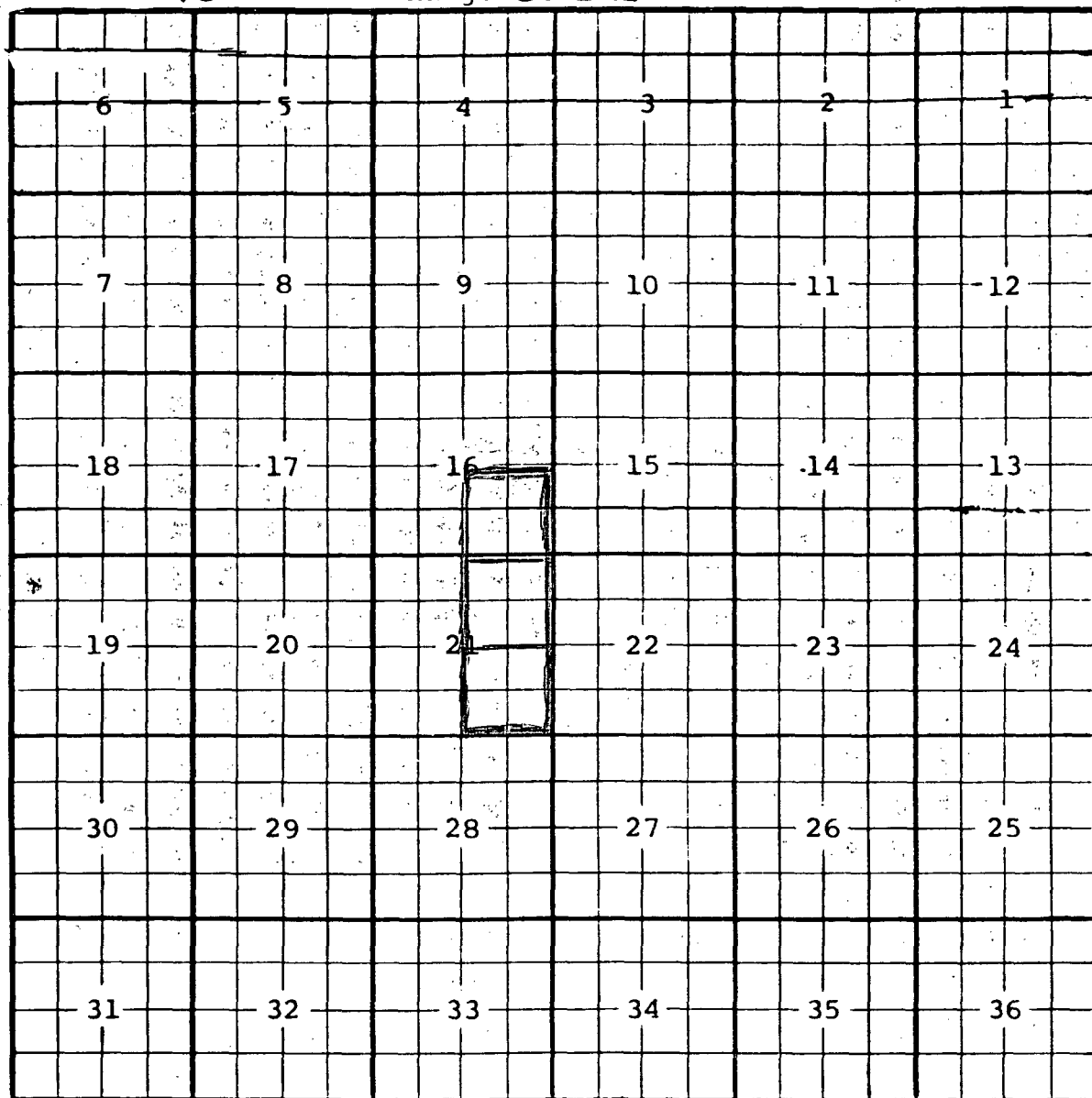


John T. Gray
Production Engineer

JTG:ds
attachment
cc: NMOCD

County Lea Pool Feather - Morrow

TOWNSHIP 15 South Range 32 East NMPM

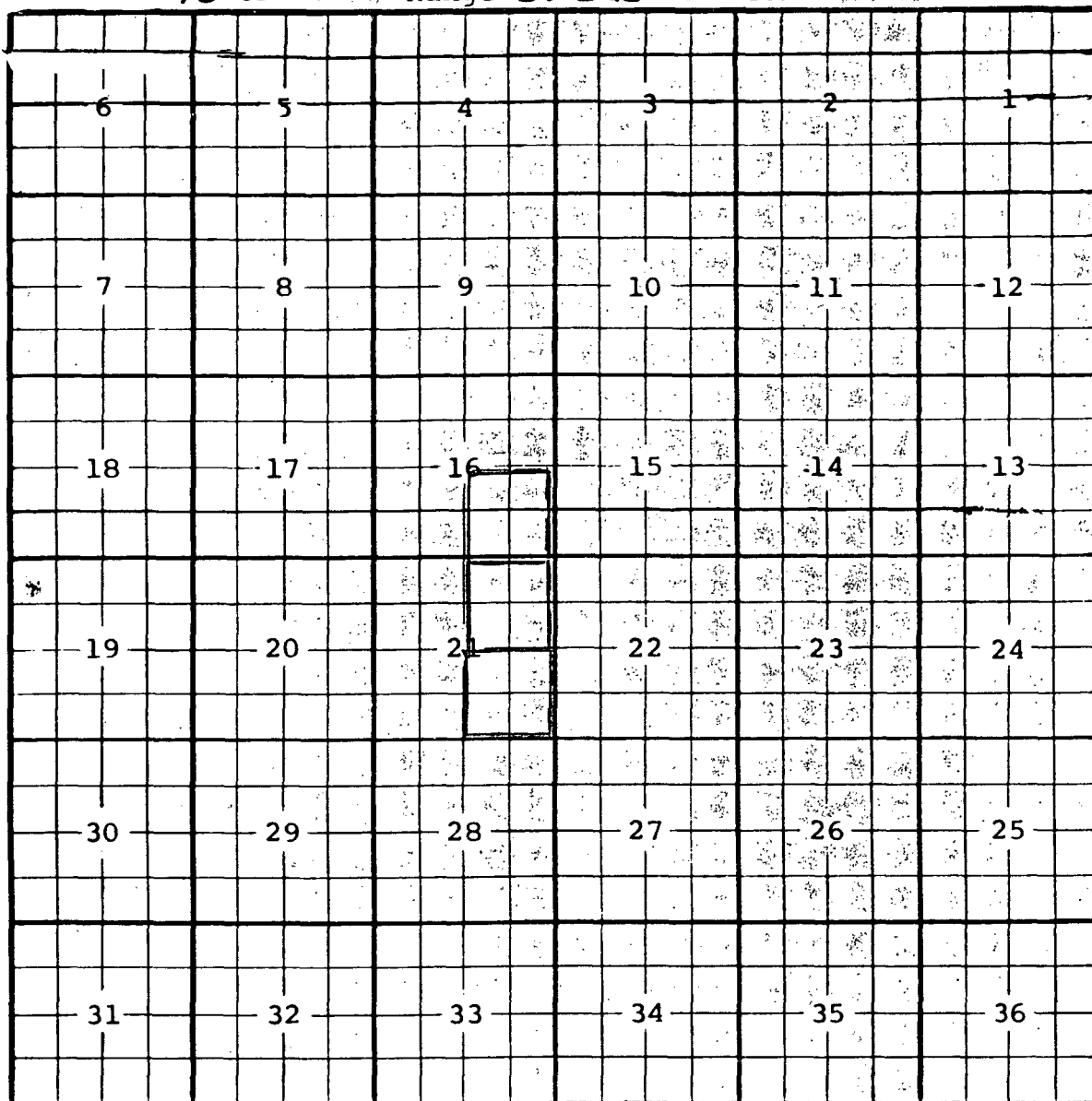


Desc: SE/4 sec 21 (R-6923, 3-9-82)

Ext: NE/4 Sec. 21 (R-7554, 6-14-84) Ext: SE/4 Sec. 16 (R-7763, 1-8-85)

County Lea Pool Feather - Morrow

TOWNSHIP 15 South Range 32 East NMPM



Desc: SE/4 sec 21 (R-6923, 3-9-82)

Ext: NE/4 sec 21 (R-7554, 6-14-84) Ext: SE/4 sec 16 (R-7763, 1-8-85)



OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

93 JUN 18 AM 8 58

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

BRUCE KING
GOVERNOR

June 16, 1993

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

MEMO TO: Mike Stogner

FROM: Jerry Sexton *JS*

SUBJECT: H.L. BROWN JR,
North Feather State Unit #1
Unit K, Sec. 16, T15S, R32E

After looking at the wells in the Feather Morrow oil pool I really see no problem with creating a new gas pool for the above-mentioned well. Following is the data from the well file:

GOR -- 41,000
Gravity of Condensate -- 58.5°
Reservoir Pressure -- 5862

cc: Larry Van Ryan
Bill LeMay
File



Altered Copy: M. S. 6/30/93