

H. L. BROWN, JR.  
300 WEST LOUISIANA  
POST OFFICE BOX 2237  
MIDLAND, TEXAS 79702  
915 683-5216

December 1, 1987

Oil Conservation Division  
New Mexico Energy and Minerals Department  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. David Catanach

Gentlemen:

H. L. Brown, Jr., P. O. Box 2237, Midland, Texas 79702, pursuant to Rule 104 of the Oil Conservation Division's Rules and Regulations, hereby makes application for an unorthodox oil well location in Roosevelt County, New Mexico.

H. L. Brown, Jr. respectfully requests approval for the unorthodox location of Well No. 1 Federal "28" Com to be drilled 330 feet from the East line and 1650 feet from the North line of Section 28, Township 7 South, Range 37 East, Undesignated North Bluit Siluro-Devonian Pool, the S/2 of the NW/4 of said Section 28 to be dedicated to the well.

Under wildcat 40 acre rules this location would not be unorthodox, however, we have made application for 80 acre field rules, (copy attached), so we are filing this as unorthodox in anticipation of those field rules being accepted.

In support of our application, attached is a geological structure map of the area. Seismic work across this structure, together with control from other wells in the area, defines this structure as being very small. If we moved our location west to be in compliance, we could miss our structure. Additionally, this zone is typically bottom water drive, and moving the location west could put this well below the oil-water contact by moving down structure as little as 30 feet.

Dedicated acreage and the proposed well location are indicated on the enclosed structuremap.

|                           |                      |
|---------------------------|----------------------|
| BEFORE EXAMINER STOGNER   |                      |
| OIL CONSERVATION DIVISION |                      |
| <u>H. L. Brown</u>        | EXHIBIT NO. <u>1</u> |
| CASE NO.                  | <u>9281</u>          |

Oil Conservation Division  
December 1, 1987  
Page Two

There is no offset production around this unit, but offset operators and mineral owners have been notified of our application.

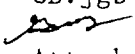
We respectfully request approval for this unorthodox location. If you need any further information, please feel free to call me at (915)683-5216. We anticipate spudding this well within the next three weeks so your earliest attention to this would be appreciated.

Sincerely,



Carl Bird  
Production Engineer

CB:jgb



Attachments

OPERATOR'S COPY

Form 9-311 C  
(May 1963)

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1425.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER       SINGLE ZONE       MULTIPLE ZONE

2. NAME OF OPERATOR  
 H. L. Brown, Jr.

3. ADDRESS OF OPERATOR  
 P. O. Box 2237, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 Unit H, 1650' FNL & 330' FEL of Sec 28, T-7S, R-37E  
 At proposed prod. zone  
 Unit H, 1650' FNL & 330' FEL of Sec 28, T-7S, R-37E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 10 miles East of Milnesan, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)      330'

16. NO. OF ACRES IN LEASE      800

17. NO. OF ACRES ASSIGNED TO THIS WELL      80

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      990'

19. PROPOSED DEPTH      9500'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4060.4 Ground Level

22. APPROX. DATE WORK WILL START\*  
 December

5. LEASE DESIGNATION AND SERIAL NO.  
 NM-54450

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Federal "28" Com

9. WELL NO.  
 1

10. FIELD AND POOL, OR WILDCAT  
 Undesignated  
 Siluro-Devonian

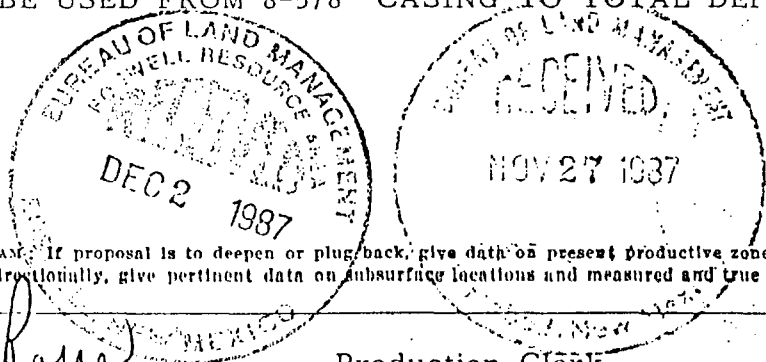
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec 28, T-7S, R-37E

12. COUNTY OR PARISH      13. STATE  
 Roosevelt      New Mexico

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 17-1/2"      | 13-3/8"        | 48#             | 500±          | Circ to Surface    |
| 12-1/4"      | 8 5/8"         | 24 & 32#        | 3800±         | Circ to Surface    |
| 7-7/8"       | 4 1/2"         | 10.5# 4 1/2"    | 9500'         | Est Top @ 5400'    |

PROPOSE TO DRILL TO DEVONIAN USING ROTARY TOOLS TO 9500±. CEMENT WILL BE CIRCULATED ON 13-3/8" & 8-5/8" CASING STRINGS. A COMPLETION WILL BE ATTEMPTED IN THE BLUITT (WOLFCAMP) GAS-CONDENSATE POOL @ 9500'. COMPLETION OR ABANDONMENT WILL BE PERFORMED IN ACCORDANCE WITH PRUDENT PRACTICES AND REGULATORY REQUIREMENTS. A DOUBLE RAM SERIES 900 BOP & CHOKE MANIFOLD WILL BE USED FROM 8-5/8" CASING TO TOTAL DEPTH.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED James C. Rosen TITLE Production Clerk DATE 11-23-87

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY Phil York TITLE Area Mgr. DATE 12/14/87  
 CONDITIONS OF APPROVAL, IF ANY:

APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH WOULD ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREON.

PLEASE BE ADVISED THAT THERE WILL BE NO EXCAVATION OF FEDERALLY OWNED MINERAL MATERIAL FOR CONSTRUCTION OF THE ACCESS ROAD OR PAD WITHOUT PAYMENT IN ADVANCE.

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

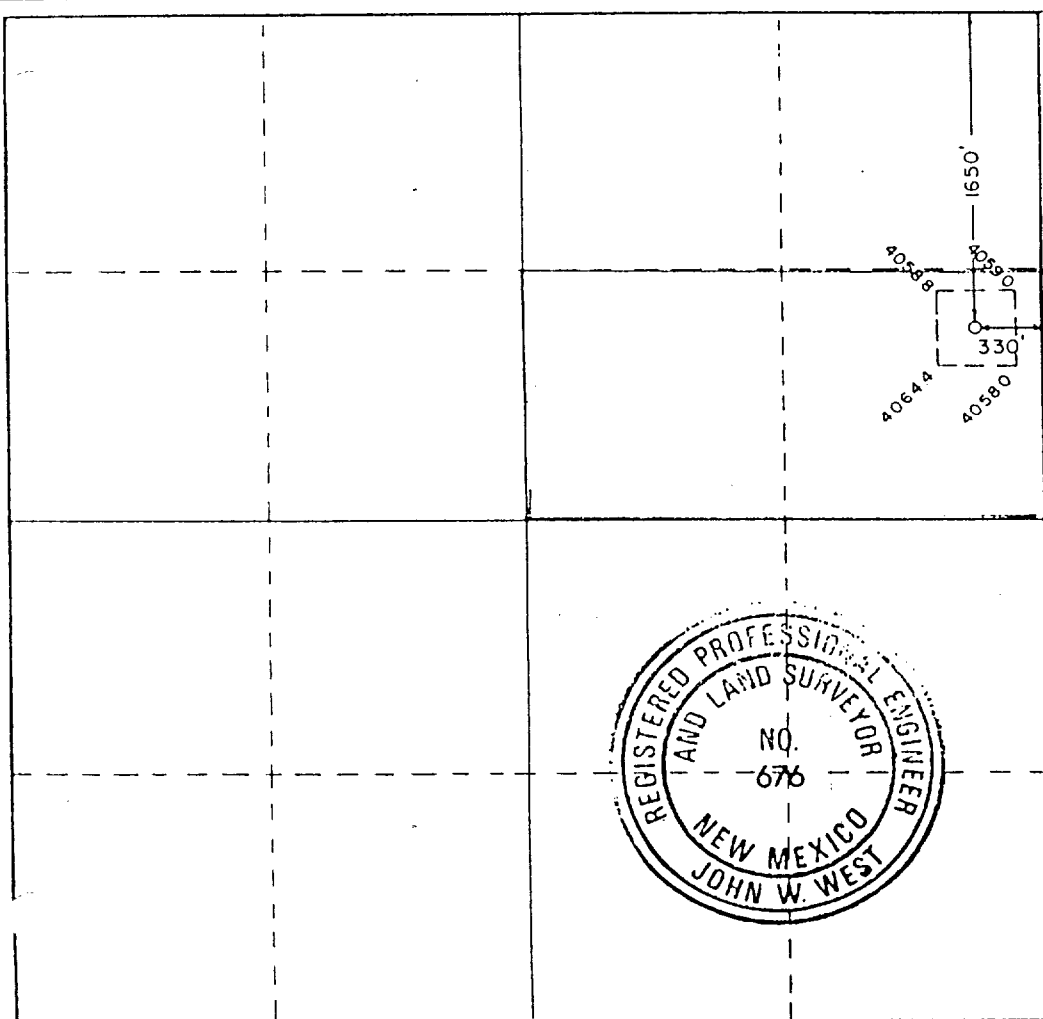
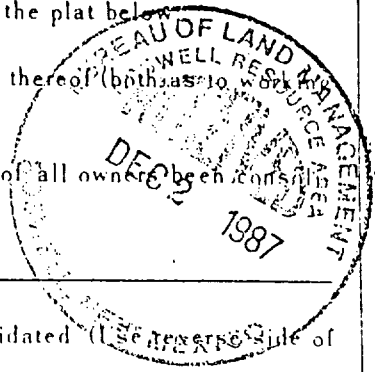
|   |  |                                  |                                |                     |  |
|---|--|----------------------------------|--------------------------------|---------------------|--|
| Owner<br>H. L. Brown, Jr.   |  | Lease<br>Federal 28 Com.         |                                | Well No.<br>1       |  |
| Tract Letter<br>H   | Section<br>28                          | Township<br>7 South              | Range<br>37 East               | County<br>Roosevelt |  |
| Actual Footage Location of Well:<br>1650 feet from the North line and 330 feet from the East line |  |                                  |                                |                     |  |
| Ground Level Elev.<br>4060.4  | Producing Formation<br>Siluro-Devonian | Pool<br>Undesig. Siluro-Devonian | Dedicated Acreage:<br>80 Acres |                     |  |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 ownership interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation communitization

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

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



CERTIFICATION

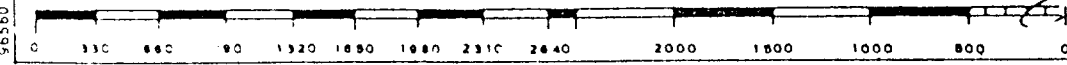
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

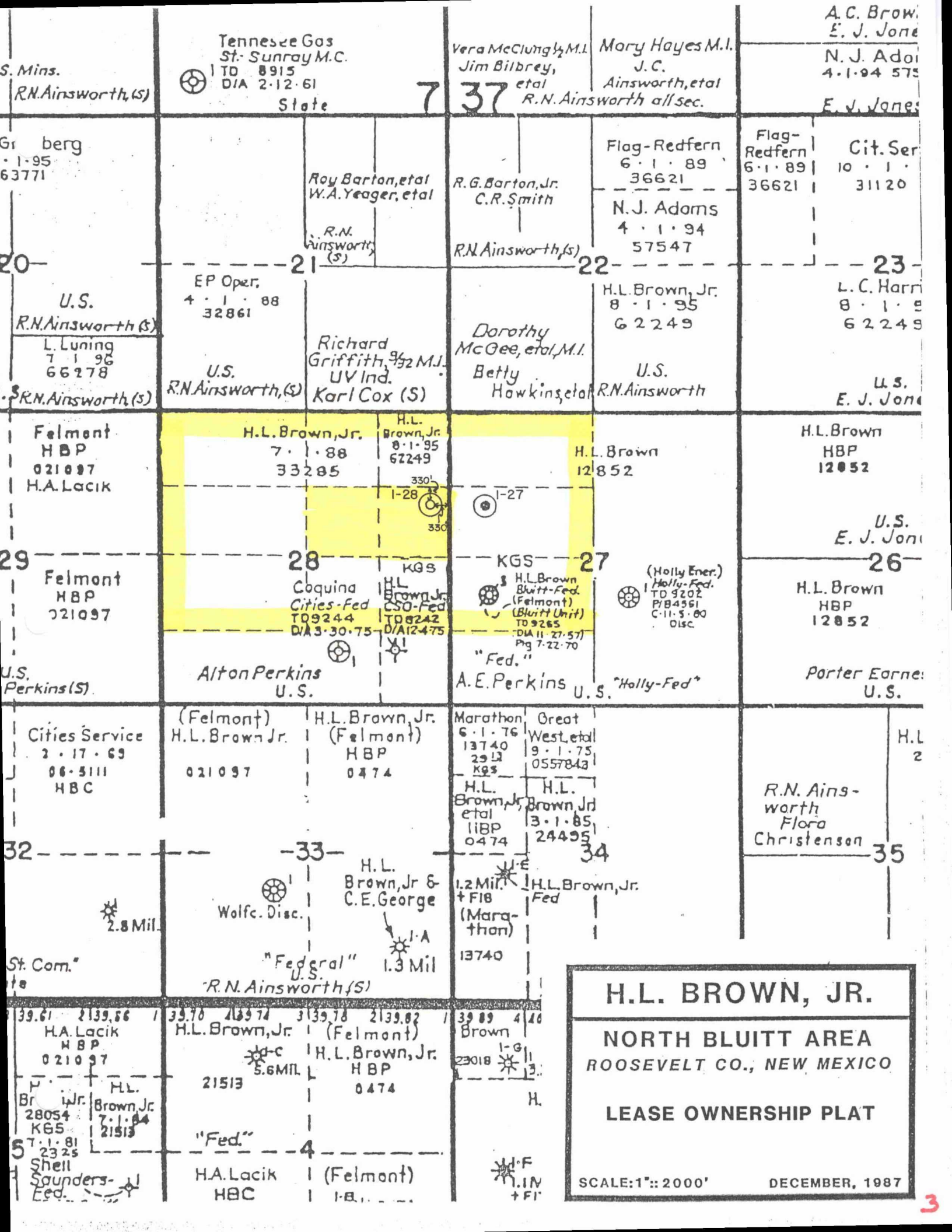
*Irene C. Rosas*

|          |                   |
|----------|-------------------|
| Name     | Irene C. Rosas    |
| Position | Production Clerk  |
| Company  | H. L. Brown, Jr.  |
| Date     | November 23, 1987 |

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   | November 6, 1987                            |
| Registered Professional Engineer and/or Land Surveyor | <i>John W. West</i>                         |
| Certificate No.                                       | JOHN W. WEST, 676<br>RONALD J. EIDSON, 3239 |





Tennessee Gas  
St. Sunray M.C.  
TD 8915  
DIA 2-12-61  
State

Vera McClung, M.I.  
Jim Bilbrey,  
etal  
R.N. Ainsworth all sec.

Mary Hayes M.I.  
J.C.  
Ainsworth, etal

A.C. Brown,  
E. J. Jones  
N. J. Adair  
4-1-94 575  
E. J. Jones

S. Mins.  
R.N. Ainsworth (S)

7 37

Gr berg  
1-95  
63771

Roy Barton, etal  
W.A. Yeager, etal

R.G. Barton, Jr.  
C.R. Smith

Flag-Redfern  
6-1-89  
36621

Flag-Redfern  
6-1-89  
36621

Cit. Ser  
10-1-  
31120

U.S.  
R.N. Ainsworth (S)

EP Oper,  
4-1-88  
32861

Richard Griffith, M.I.  
UV Ind.  
Karl Cox (S)

Dorothy McGee, etal, M.I.  
Betty Hawkins, etal

N.J. Adams  
4-1-94  
57547

H.L. Brown, Jr.  
8-1-95  
62249

L.C. Harris  
8-1-9  
62249

L. Luning  
7-1-96  
66278  
R.N. Ainsworth (S)

U.S.  
R.N. Ainsworth (S)

U.S.  
R.N. Ainsworth

U.S.  
E. J. Jones

Felmont  
HBP  
021097  
H.A. Lacik

H.L. Brown, Jr.  
7-1-88  
33285

H.L. Brown, Jr.  
8-1-95  
62249

H.L. Brown  
12852

H.L. Brown  
HBP  
12852

U.S.  
E. J. Jones

Felmont  
HBP  
021097  
U.S.  
Perkins (S)

Alton Perkins  
U.S.

Coquina  
Cities-Fed  
T09244  
D/A 3-30-75

H.L. Brown, Jr.  
CSO-Fed  
T08242  
D/A 12-4-75

KGS  
H.L. Brown  
Bluit-Fed  
(Felmont)  
(Bluit Unit)  
T09265  
DIA 11-27-57  
Pg 7-22-70  
"Fed."

A.E. Perkins  
U.S.

(Holly Ener.)  
Holly-Fed.  
TD 9202  
P/B 4561  
C-11-5-80  
Disc

"Holly-Fed"

H.L. Brown  
HBP  
12852

Porter Earne  
U.S.

Cities Service  
2-17-69  
06-5111  
HBC

(Felmont)  
H.L. Brown Jr.  
021097

H.L. Brown, Jr.  
(Felmont)  
HBP  
0474

Marathon  
6-1-76  
13740  
2513  
KGS

Great  
West, etal  
9-1-75  
0557843

H.L. Brown, Jr.  
etal  
11BP  
0474

H.L. Brown, Jr.  
3-1-85  
24495

R.N. Ainsworth  
Flora  
Christensen

St. Com.  
1-81

H.L. Brown, Jr &  
C.E. George  
Wolfc. Disc.

"Federal"  
U.S.  
R.N. Ainsworth (S)

1.2 Mil.  
+ FIB  
(Marathon)  
13740

H.L. Brown, Jr.  
Fed

39.61 2139.66  
H.A. Lacik  
HBP  
021097

39.70 2139.74  
H.L. Brown, Jr.  
21513  
S.6MIL

39.78 2139.82  
(Felmont)  
H.L. Brown, Jr.  
HBP  
0474

39.89 4140  
Brown  
23018  
1-G  
H.

H.L. Brown, Jr.  
7-1-84  
21513  
"Fed."

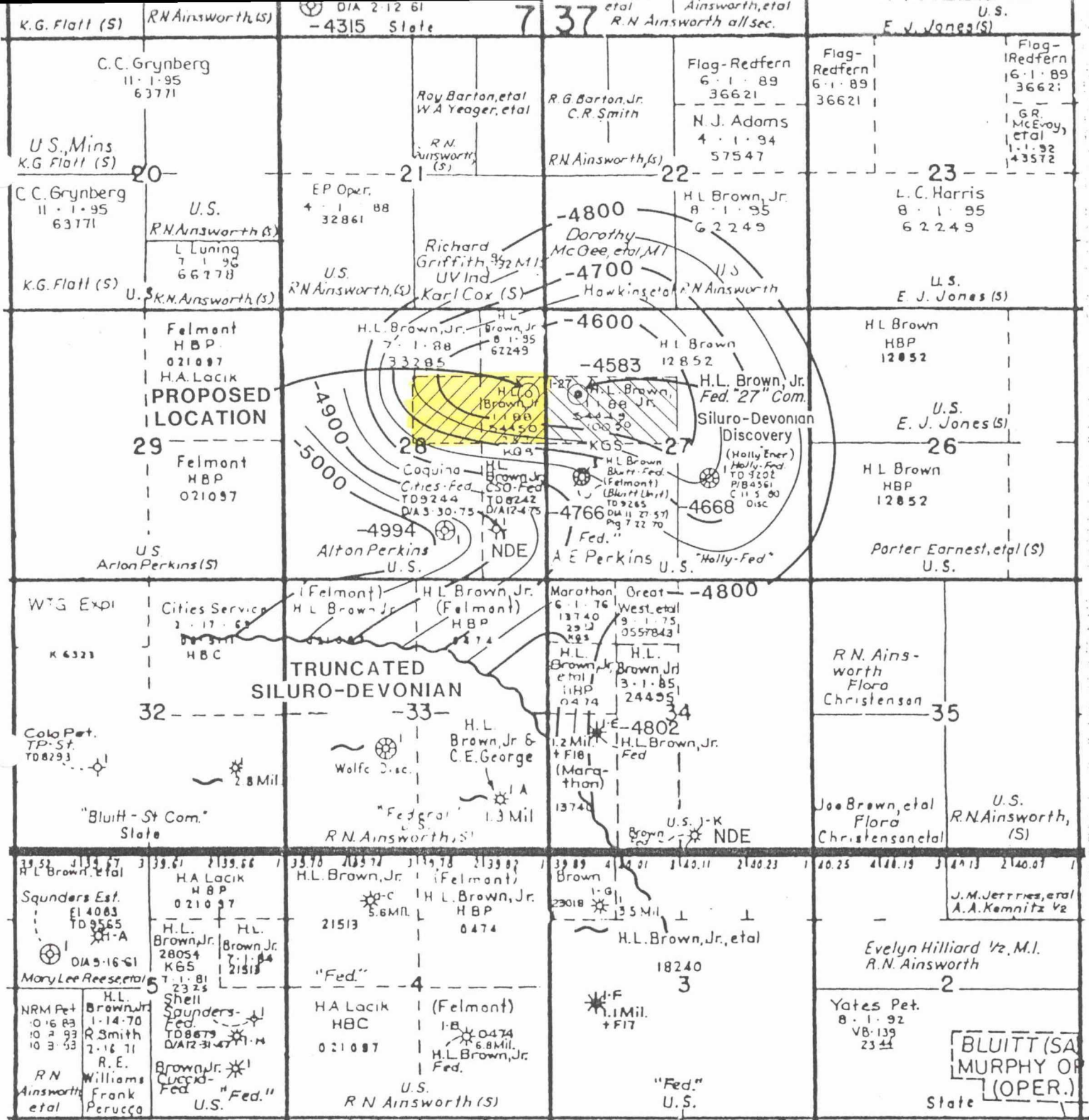
"Fed."

H.A. Lacik  
HBC

(Felmont)

1.1 Mil.  
+ FIB

**H.L. BROWN, JR.**  
**NORTH BLUITT AREA**  
**ROOSEVELT CO., NEW MEXICO**  
**LEASE OWNERSHIP PLAT**  
SCALE: 1" = 2000'  
DECEMBER, 1987



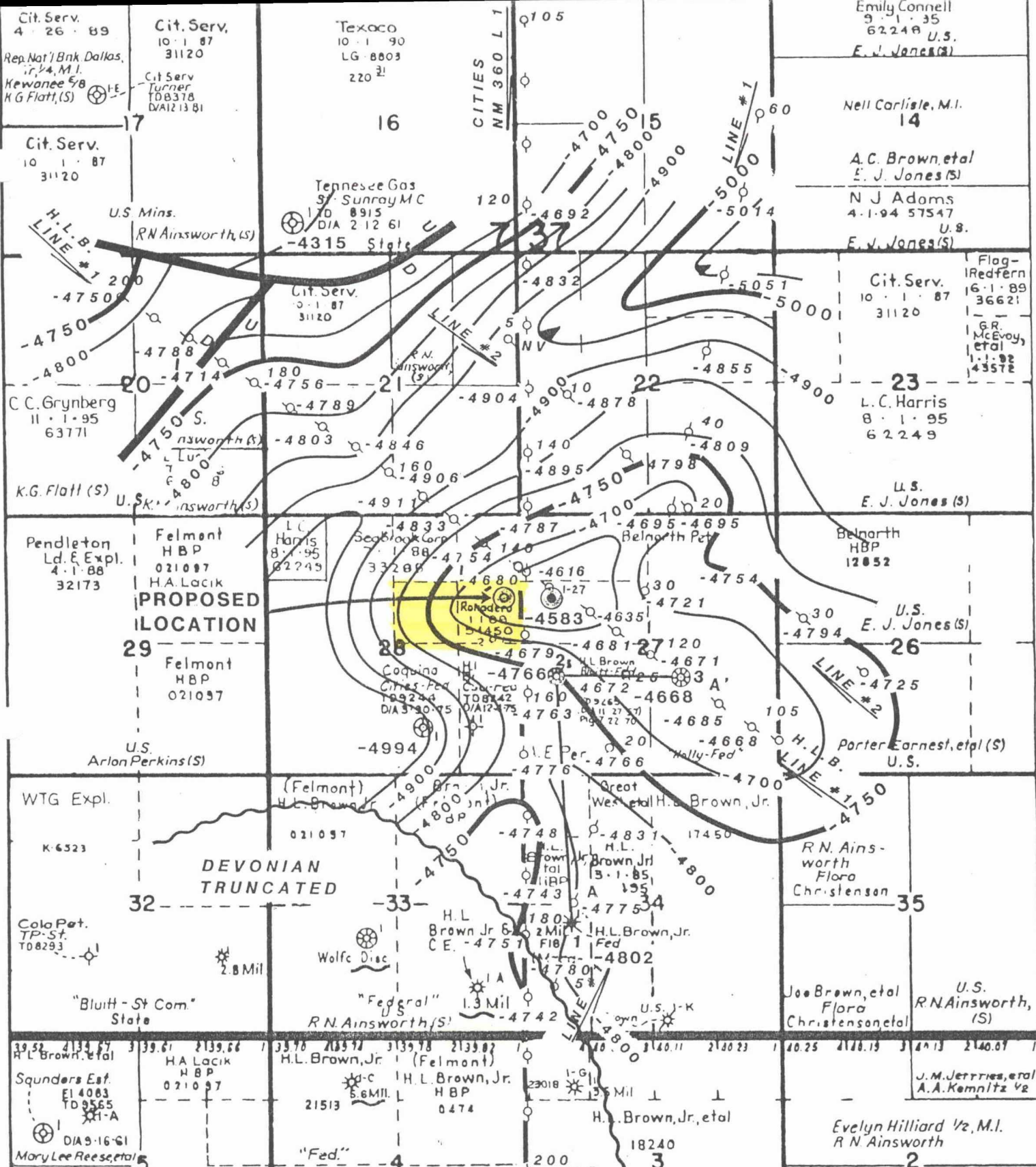
**H. L. BROWN, JR.**

**NORTH BLUITT (#448)**  
**ROOSEVELT CO., NEW MEXICO**

**STRUCTURE MAP**  
**TOP DEVONIAN**

C.I.: 100'  
 SCALE: 1"=2000'

J. WELLS  
 DECEMBER, 1987



**PROPOSED LOCATION**

**DEVONIAN TRUNCATED**

**H.L. BROWN, JR.**

**NORTH BLUITT # 448**

**ROOSEVELT CO.,**

**NEW MEXICO**

**T/DEVONIAN**

**BASED ON 4 SEISMIC LINES**

**5**

C.I. = 50'      C.D. HIBBITS  
SCALE: 1" = 2000'      DECEMBER, 1987