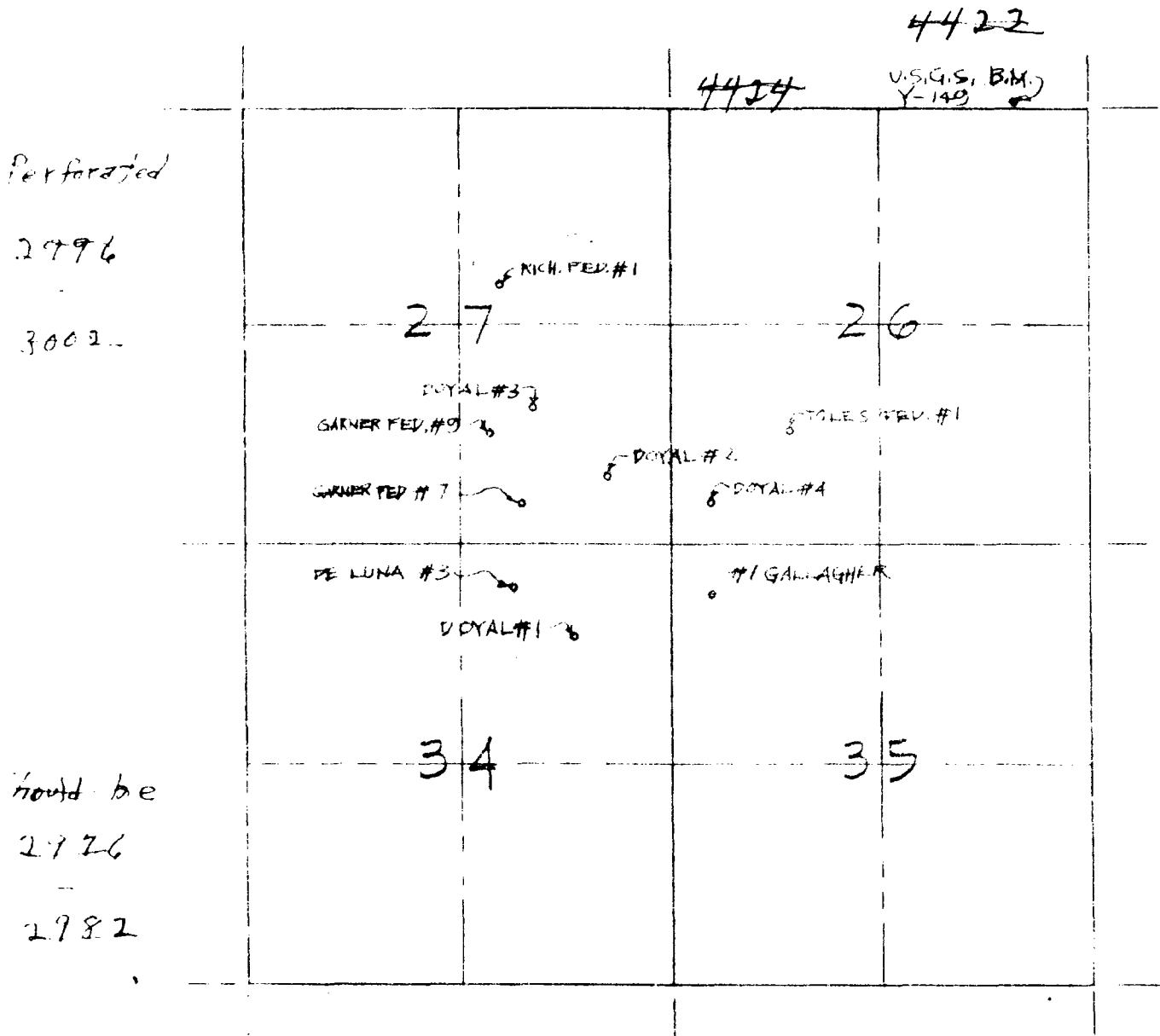


KEY MAP

CLIENT: Paul Doyal (Doyal Family)
DATE: October 10, 1985

Natural ground elevations at well heads

Sections 26, 27, 34 & 35 T. 12 S., R. 31 E.



Should be
2726
2782

26' below

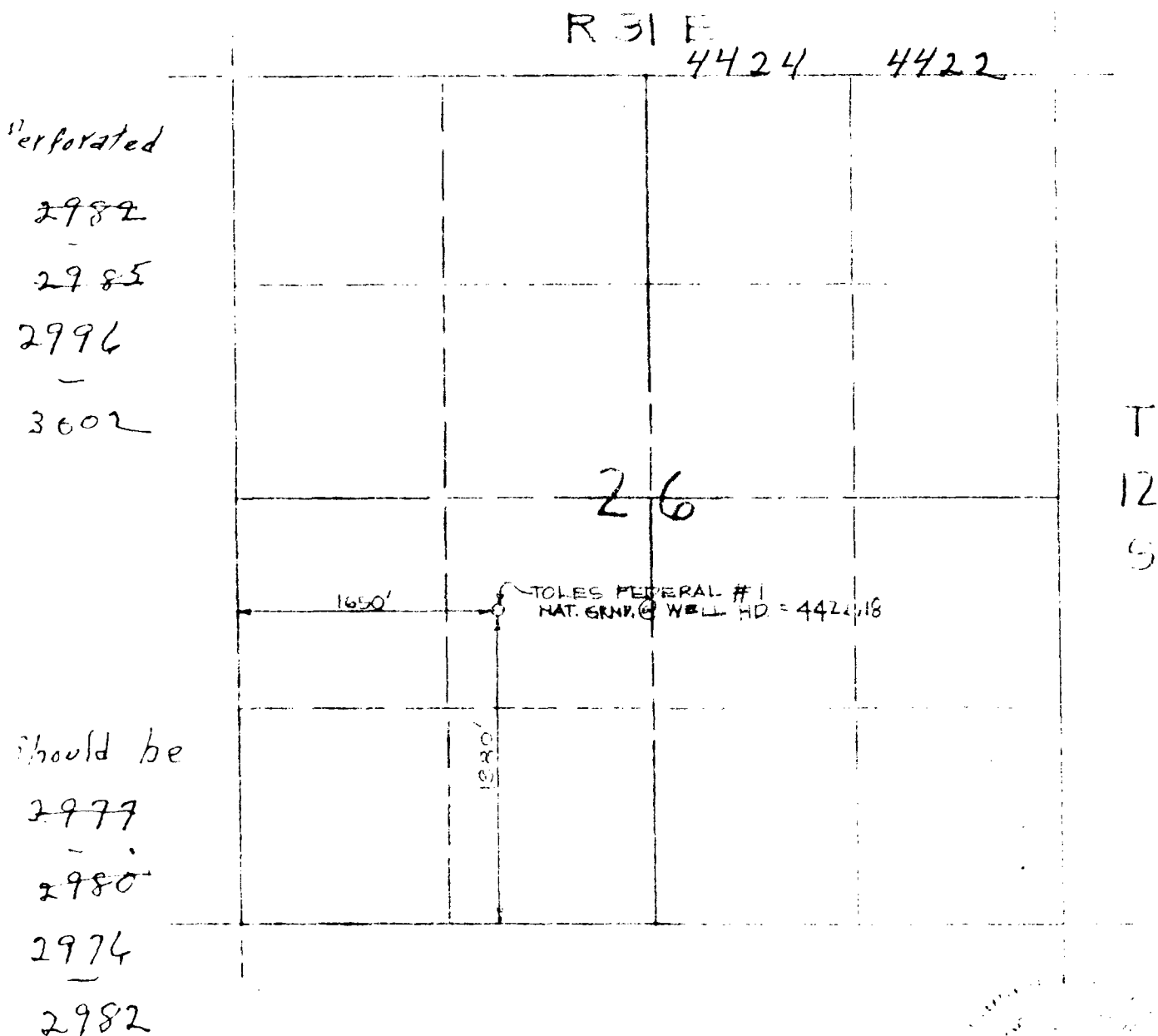


SURVEYOR'S CERTIFICATE
FOR ELEVATIONS ONLY AT WELL HEAD

2

CLEINT: Paul Doyal (Doyal Family)
DATE: October 10, 1985

TOLES FEDERAL NO. 1
1980' FSL
1650' FWL
Section 26, T. 12 S., R. 31 E.
Natural ground elevation at well head = 4422.18



CERTIFICATE

I hereby certify that I am a Registered Professional Land Surveyor in the State of New Mexico, that this plat has been prepared from notes of an actual survey made under my supervision, and that both are true and correct to the best of my knowledge and belief.

SURVEY NO. P-5309 DATE 10/10/85 Richard B. Wright CERT. NO. 7929
RICHARD B. WRIGHT

ELCK WRIGHT INC.
1712 S SUNSET

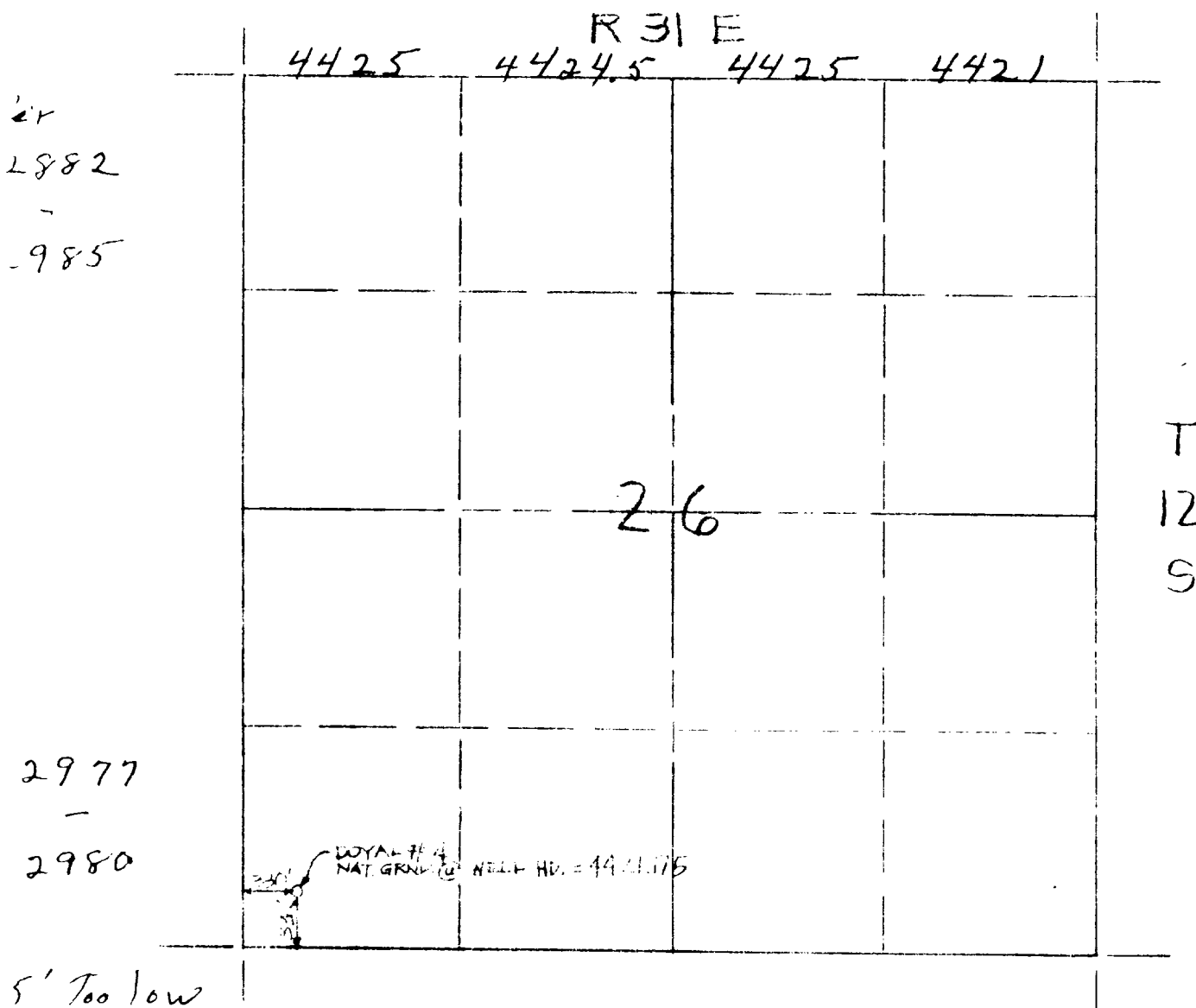
P.O. BOX 1501
ROSWELL, NEW MEX. 88201

(505) 623-4544

CLIENT: Paul Doyal (Doyal Family)
DATE: October 10, 1985

Spud 11-18-84
Comp 1-24-85

DOYAL NO. 4
330' FSL
330' FWL
Section 26, T. 12 S., R. 31 E.
Natural ground elevation at well head = 4421.175



CERTIFICATE

I hereby certify that I am a Registered Professional Land Surveyor in the State of New Mexico, that this plat has been prepared from notes of an actual survey made under my supervision, and that both are true and correct to the best of my knowledge and belief.

SURVEY NO. R-5309 DATE 10/10/85 Richard B. Wright CERT. NO. 7929
RICHARD B. WRIGHT

DICK WRIGHT INC.
1712 S. SUNSET

P.O. BOX 1501
ROSWELL, NEW MEX. 88201

(505) 623-4544

FOR ELEVATIONS ONLY AT WELL HEAD

CLIENT: Paul Doyal (Doyal Family)
 DATE: October 10, 1985

Spud 10-28-84
 Comp 11-9-84

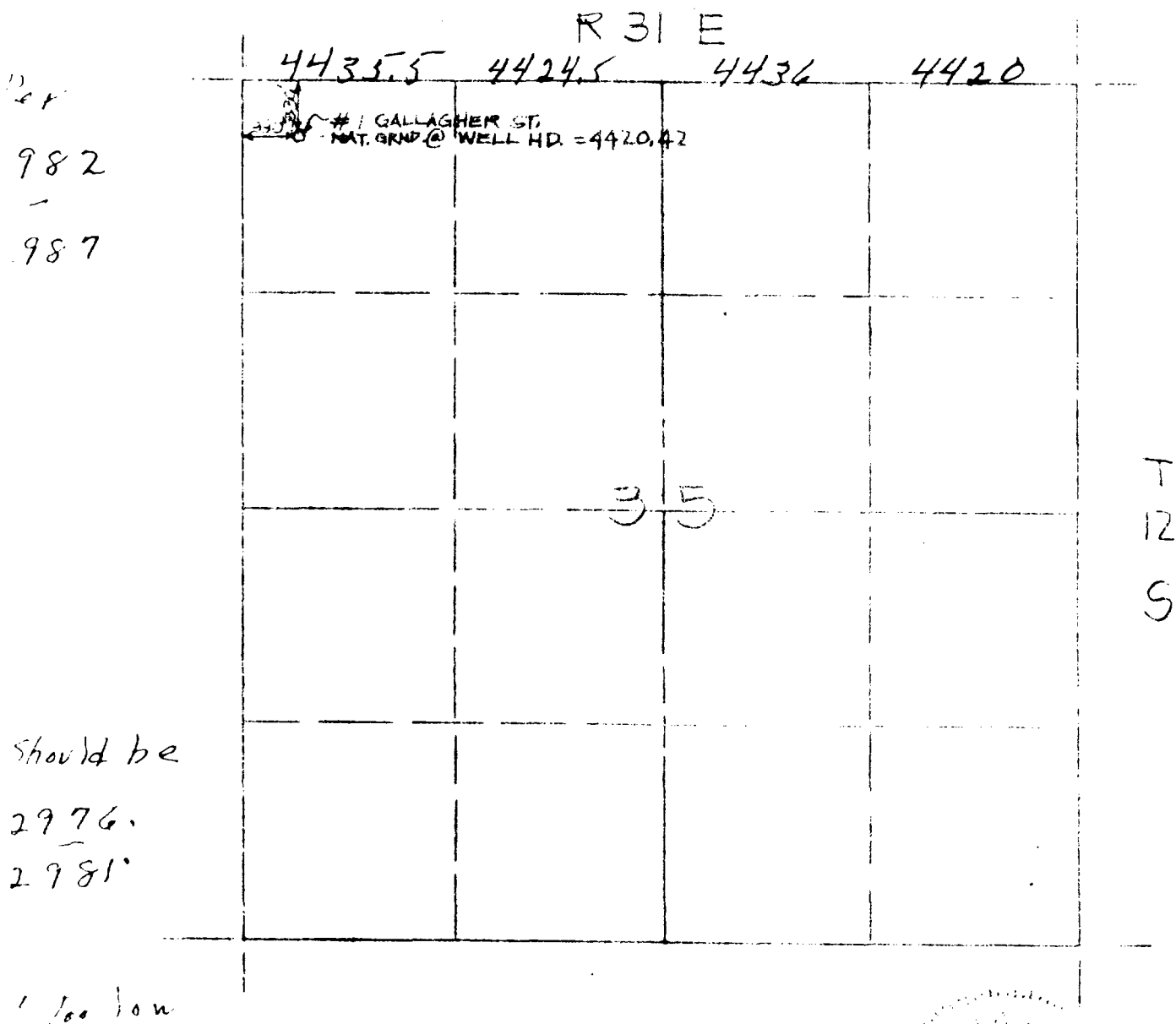
GALLAGHER ST. NO. 1

130' FNL

330' FWL

Section 35, T. 12 S., R. 31 E.

Natural ground elevation at well head = 4420.42



CERTIFICATE

I do hereby certify that I am a Registered Professional Land Surveyor in the State of New Mexico, that this plat has been prepared from notes of a land survey made under my supervision, and that both are true and correct to the best of my knowledge and belief.

SURVEY NO. R-5309 DATE 10/10/85 Richard B. Wright CERT. NO. 7929
 RICHARD B. WRIGHT

DICK WRIGHT INC.
 1712 S. SUNSET

P.O. BOX 1501
 ROSWELL, NEW MEX. 88201

(505) 623-4544

FOR ELEVATIONS ONLY AT WELL HEAD

CLIENT: Paul Doyal (Doyal Family)
 DATE: October 10, 1985

SP 7-31-84
 CP 8-25-84

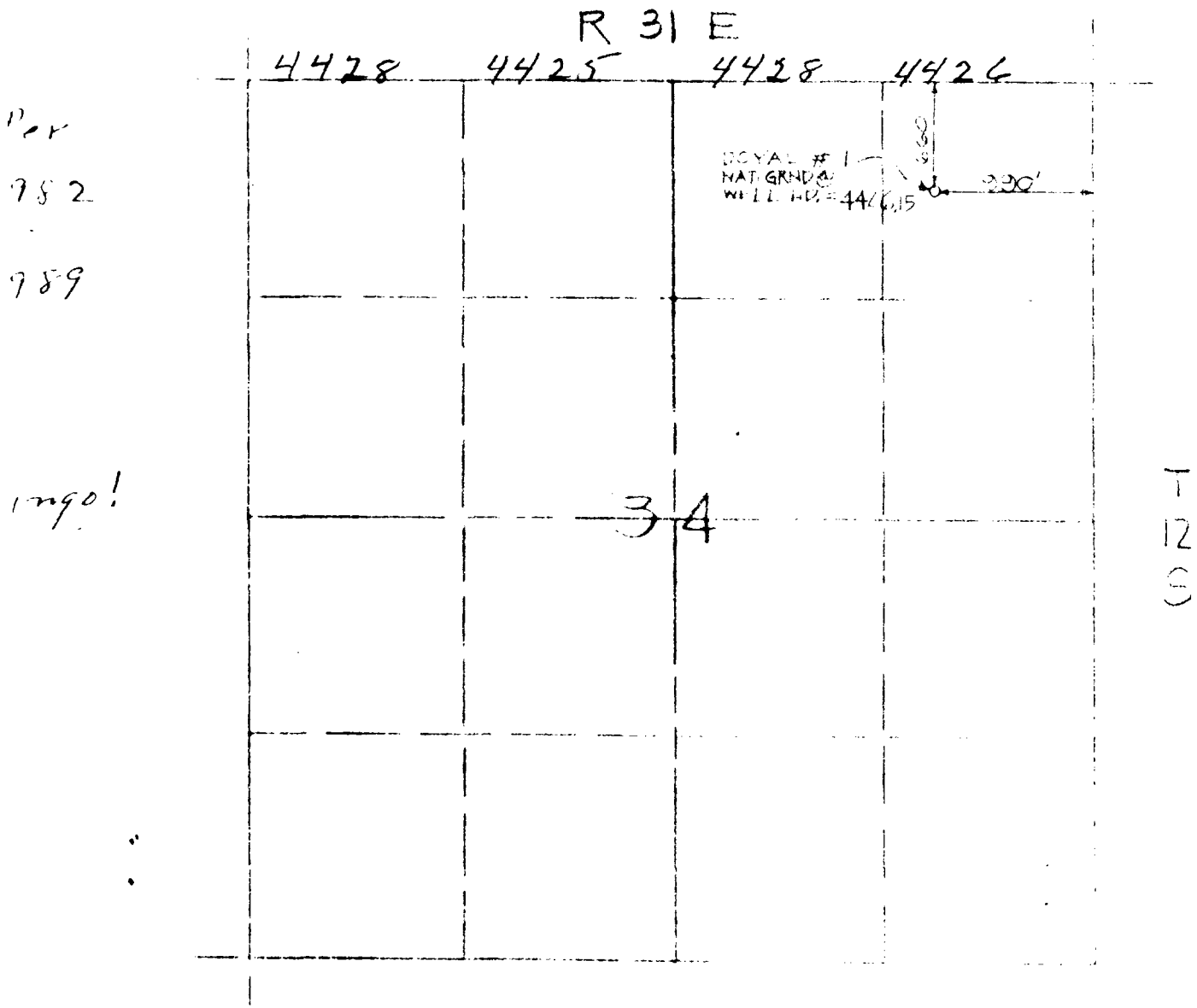
DOYAL NO. 1

660' FNL

990' FEL

Section 34, T. 12 S., R. 31 E.

Natural ground elevation at well head = 4426.15



CERTIFICATE

I hereby certify that I am a Registered Professional Land Surveyor in the State of New Mexico, that this plat has been prepared from notes of a duly made survey, made in the presence of witnesses, and that both are true and correct to the best of my knowledge and belief.

SURVEY NO. R-5309 DATE 10/10/85 Richard B. Wright CERT. NO. 7929
 RICHARD B. WRIGHT

DICK WRIGHT INC.
 1712 S. SUNSET

P.O. BOX 1501
 ROSWELL, NEW MEX 88201

(505) 623-4544

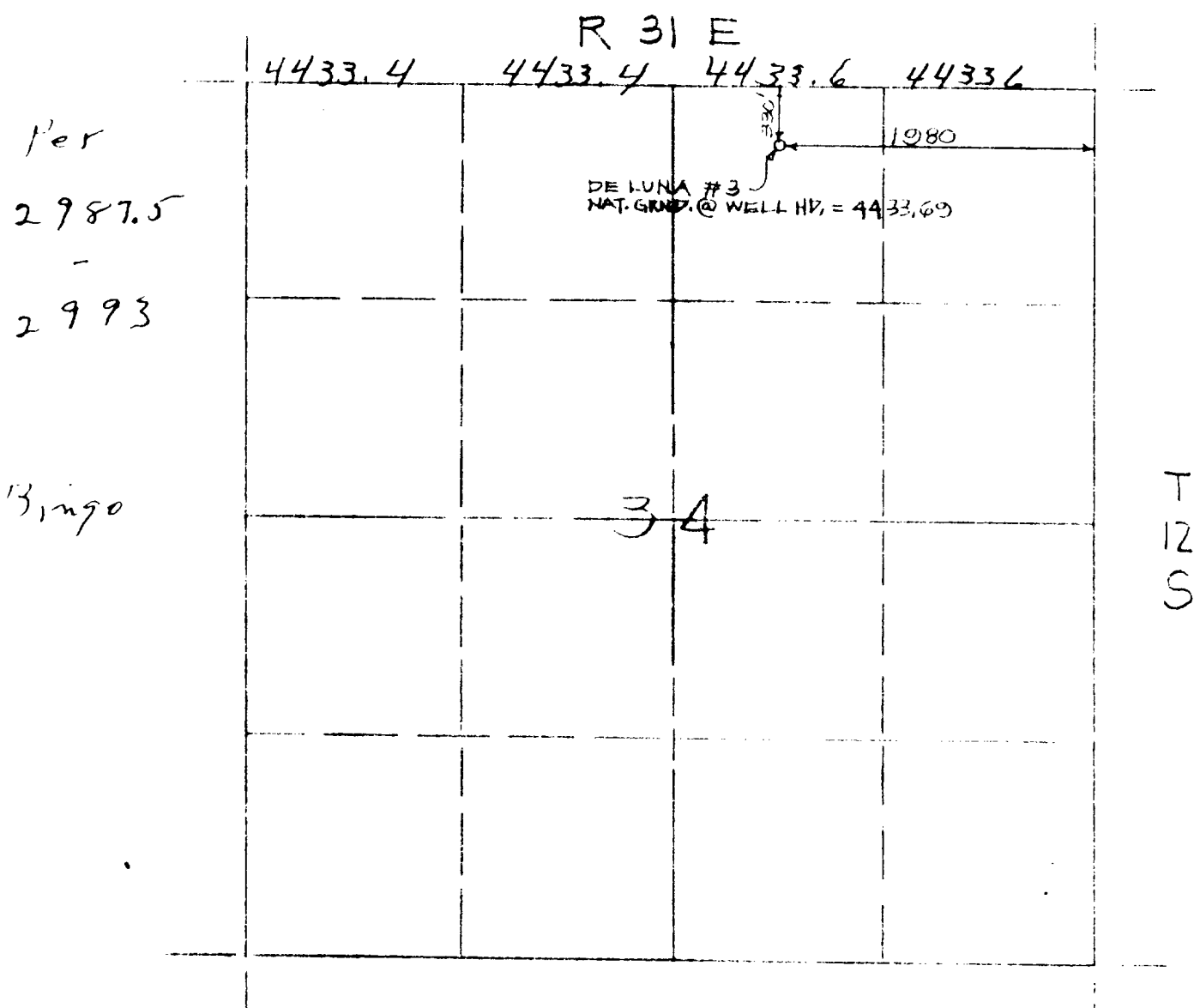
6

SURVEYOR'S CERTIFICATE
FOR ELEVATIONS ONLY AT WELL HEAD

CLIENT: Paul Doyal (Doyal Family)
DATE: October 10, 1985

Sp. 2-11-85

DELUNA NO. 3
330' FNL
1080' FEL
Section 34, T. 12 S., R. 31 E.
Natural ground elevation at well head = 4433.69



CERTIFICATE

I do hereby certify that I am a Registered Professional Land Surveyor in the State of New Mexico, that this plat has been prepared from notes of an actual survey, made under my personal supervision, and that both are true and correct to the best of my knowledge and belief.

SURVEY NO. R-5309 DATE 10/10/85 *Richard B. Wright* CERT. NO. 7929
RICHARD B. WRIGHT

DICK WRIGHT INC.
1712 S SUNSET

P.O. BOX 1501
ROSWELL, NEW MEX. 88201

(505) 623-4544

SURVEYOR'S CERTIFICATE

8

FOR ELEVATIONS ONLY AT WELL HEAD

CLIENT: Paul Doyal (Doyal Family)
DATE: October 10, 1985

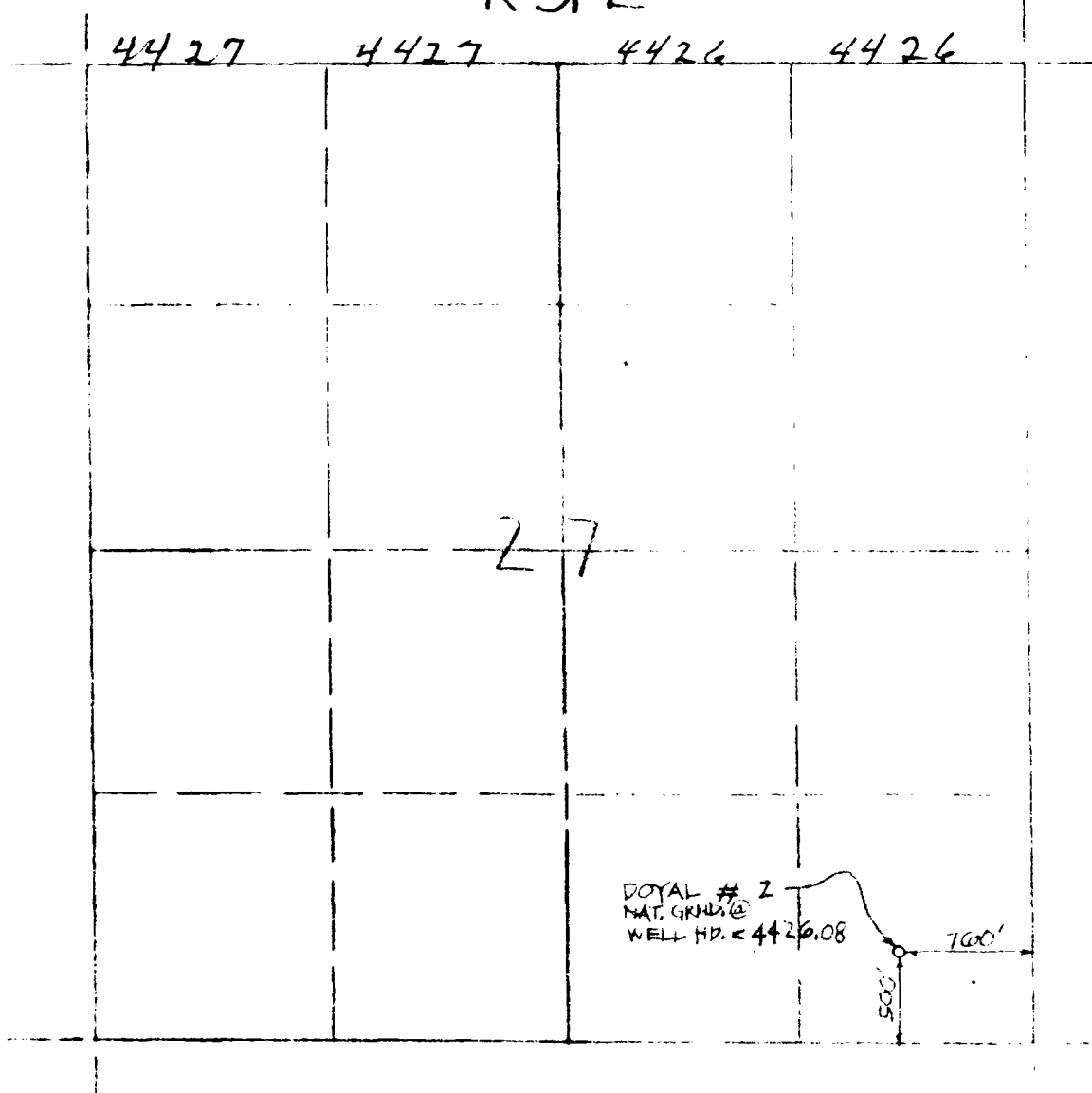
Sp 9-7-84

9-20-84

DOYAL NO. 2
500' FSL
760' FEL
Section 27, T. 12 S., R. 31 S.
Natural ground elevation at well head = 4426.08

R 31 E

Per
2981
-
.987



CERTIFICATE

I hereby certify that I am a Registered Professional Surveyor, and that this plat has been prepared by me or under my direct supervision, and that the same are true and correct to the best of my knowledge and belief.

SURVEY NO. R-5309 DATE 10/10/85 Richard B. Wright CERT. NO. 7929
RICHARD B. WRIGHT

DICK WRIGHT INC.
102 S SUNSET

P.O. BOX 1501
ROSWELL, NEW MEX. 88201

(505) 623-4544

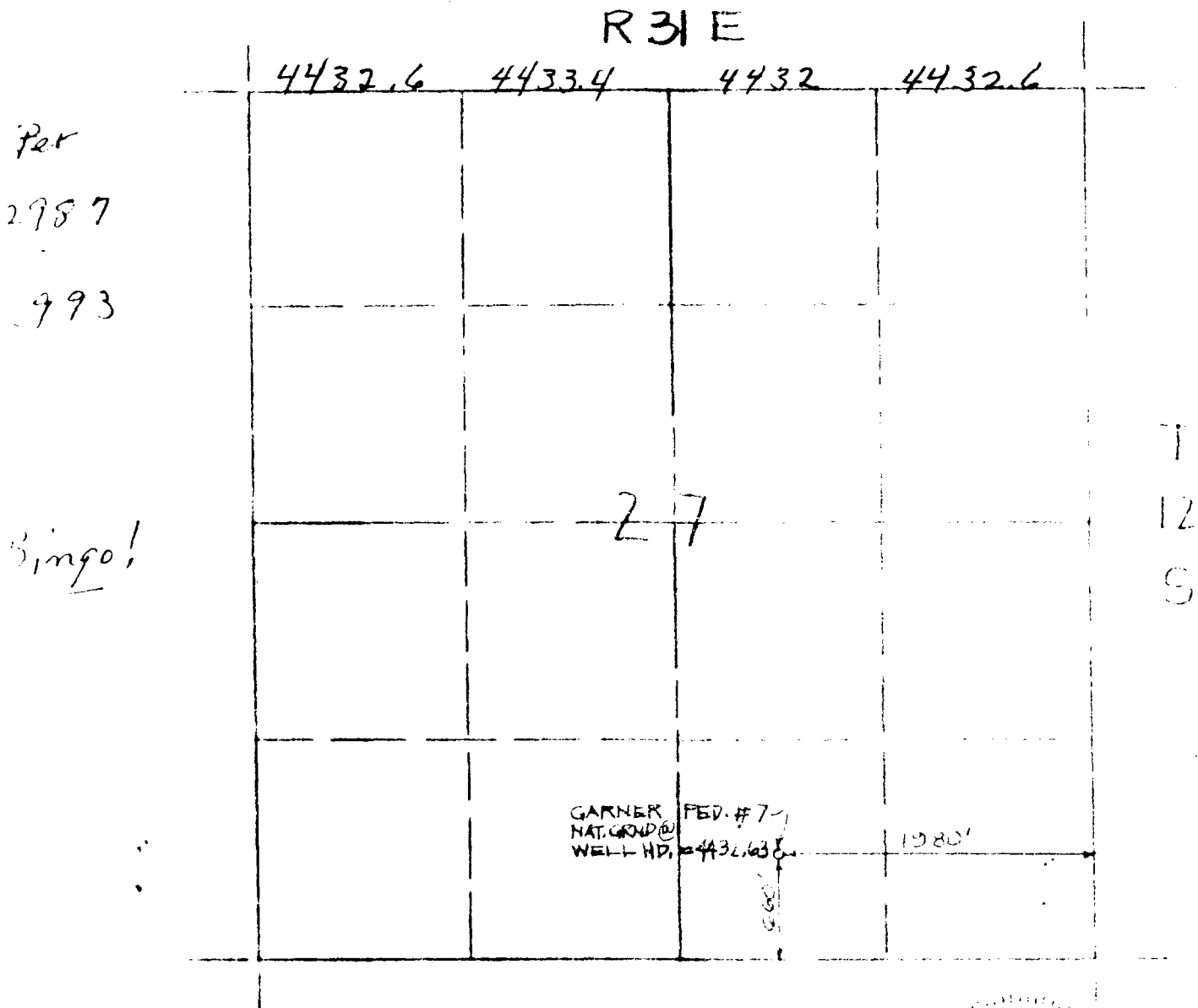
SURVEYOR'S CERTIFICATE
FOR ELEVATIONS ONLY AT WELL HEAD

9

CLIENT: Paul Doyal (Doyal Family)
DATE: October 10, 1985

Sp. 10 - 14 - 84
Comp 10 - 30 - 84

GARNER FEDERAL NO. 7
660' FSL
1980' FEL
Section 27, T. 12 S., R. 31 E.
Natural ground elevation at well head = 4432.63



CERTIFICATE

I hereby certify that I am a Registered Professional Surveyor, and that this plat has been prepared by me or under my direct supervision, and that the same are true and correct to the best of my knowledge and belief.

SURVEY NO R-5309 DATE 10/10/85 *[Signature]* CERT NO 7929
RICHARD B. WRIGHT

DICK WRIGHT INC.
1712 S SUNSET

P.O. BOX 1501
ROSWELL, NEW MEX. 88201

(505) 623-4544

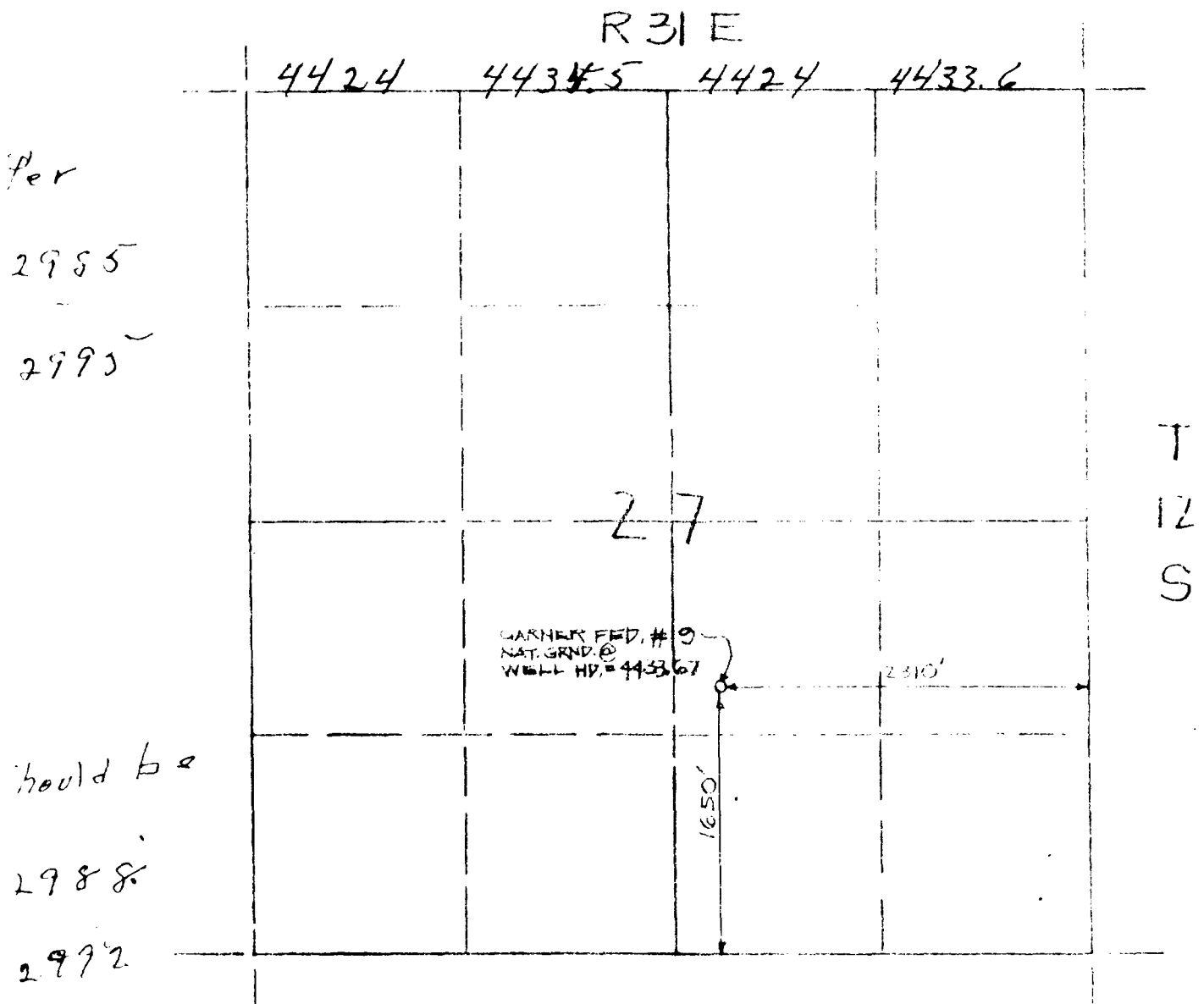
SURVEYOR'S CERTIFICATE
FOR ELEVATIONS ONLY AT WELL HEAD

10

CLIENT: Paul Doyal (Doyal Family)
DATE: October 10, 1985

Sp 11-11-84
CP 11-30-84

GARNER FEDERAL NO. 9
1650' FSL
2310' FEL
Section 27, T. 12 S., R. 31 E.
Natural ground elevation at well head = 4433.67



CERTIFICATE

I, the undersigned, a duly Licensed and Registered Professional Surveyor, do hereby certify that this plat has been prepared from a true and correct survey, and that both are true and correct to the best of my knowledge and belief.

SURVEY NO. R-5309 DATE 10/10/85 CERT. NO. 7529
RICHARD B. WRIGHT

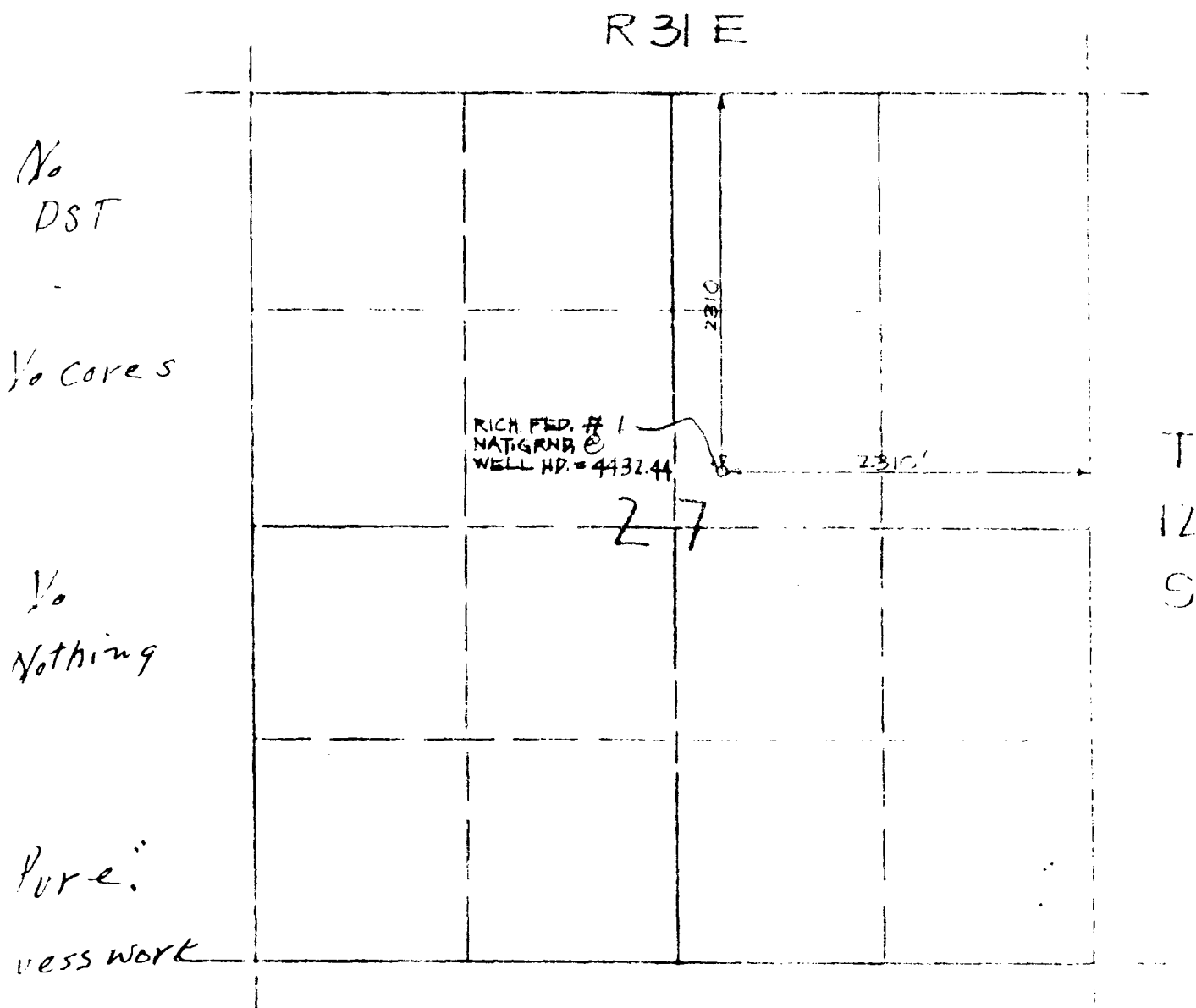
DICK WRIGHT INC.
1712 S. SUNSET

P.O. BOX 1501
ROSWELL, NEW MEX. 88201
(505) 623-4544

SURVEYOR'S CERTIFICATE
FOR ELEVATIONS ONLY AT WELL HEAD

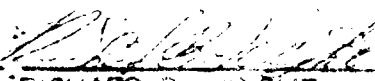
CLIENT: Paul Doyal (Doyal Family)
DATE: October 10, 1985

RICH FEDERAL NO. 1
2310' FNL
2310' FEL
Section 27, T. 12 S., R. 31 E.
Natural ground elevation at well head = 4432.44



CERTIFICATE

I hereby certify that I am a Registered Professional Surveyor, and that this plot has been prepared from notes of a survey made by me or under my supervision, and that the same are true and correct to the best of my knowledge and belief.

SURVEY NO. R-5309 DATE 10/10/85  CERT NO. 7929
RICHARD B. WRIGHT

DICK WRIGHT INC.
112 S SUNSET

(505) 623-4544

P.O. BOX 1501
ROSWELL, NEW MEX 88201