



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

March 31, 1997

The Wiser Oil Company
c/o J. O. Easley, Inc.
P. O. Box 1796
Roswell, New Mexico 88202-1796
Attention: Michael R. Burch

Administrative Order DD-165

Dear Mr. Burch:

Under the provisions of **Rules 111.D and E** of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division"), revised by Division Order No. R-10388, issued by the Oil Conservation Commission in Case 11,274 on June 13, 1995, J. O. Easley, Inc., on behalf of the operator, The Wiser Oil Company ("Wiser"), made application to the New Mexico Oil Conservation Division on March 19, 1997 for authorization to directional drill the Skelly Unit Well No. 276 (API No. 30-015-29225), Eddy County, New Mexico.

The Division Director Finds That:

- (1) The proposed wellbore is to be drilled to a pre-determined bottom-hole location to the Grayburg-Jackson Pool within the Grayburg-Jackson Skelly Unit Waterflood Project Area, established by Division Order No. R-2900, as amended by Order Nos. R-3214 and R-4419;
- (2) The Skelly (Federal) Unit Area and corresponding Grayburg-Jackson Skelly Unit Waterflood Project Area comprises the following described 4,160-acre, more or less, area in Lea County, New Mexico:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM

Sections 14 and 15:All
Sections 21 through 23:All
Section 26:N/2 NW/4
Section 27:N/2
Section 28: N/2, SW/4, and N/2 SE/4;

- (3) The Grayburg-Jackson Pool within the Grayburg-Jackson Skelly Unit Waterflood Project Area is subject to the statewide rules and regulations for oil wells, as promulgated by **Rules 104.C(1) and F(1)**, which provides for 40-acre oil spacing and proration units, or drilling units, and requires that wells be located no closer than 330 feet to the outer boundary of the lease or unitized area (pressure maintenance/waterflood project area), nor closer than 10 feet to any quarter-quarter section line or subdivision inner boundary;
- (4) The surface area of the proposed well location dictates the necessity for deviating this well in a predetermined direction. The existence of a small playa lake requires the well to be located at a surface location 687 feet from the North line and 1183 feet from the West line (Unit D) of said Section 27;
- (5) The proposed bottom-hole location within the Grayburg-Jackson Pool, 1290 feet from the North line and 1226 feet from the West line (Unit D) of said Section 27, is necessary to complete an effective and efficient injection/production pattern for the current secondary recovery operations within the Grayburg-Jackson Skelly Unit Waterflood Project Area;
- (6) The "target or project area" for said directional drilling should be within a reasonable radius of the projected bottom-hole location of 1290 feet from the North line and 1226 feet from the West line of said Section 27; and,
- (7) It appearing the applicant has satisfied all of the appropriate requirements prescribed in said **Rules 111.D and E and 104.C(1) and F(1)**, the subject application should be approved and the well should be governed by the provisions contained within this order and all other applicable provisions of **Division General Rules 104 and 111**.

IT IS THEREFORE ORDERED THAT:

(1) The Wiser Oil Company ("Wiser") is hereby authorized to drill its Skelly Unit Well No. 276 (API No. 30-025-29225) from a surface location 687 feet from the North line and 1183 feet from the West line (Unit D) of Section 27, Township 17 South, Range 31 East, NMPM, Skelly (Federal) Unit Area and corresponding Grayburg-Jackson Skelly Unit Waterflood Project Area, Eddy County, New Mexico, kick-off to the south and directionally drill into the Grayburg-Jackson Pool as close as is reasonably possible to the targeted bottom-hole location of 1290 feet from the North line and 1226 feet from the West line (Unit D) of said Section 27.

PROVIDED HOWEVER THAT prior to commencing directional drilling operations in said wellbore, the operator shall establish the location of the kick-off point by means of a directional survey acceptable to the Division.

PROVIDED FURTHER THAT during or upon completion of said directional drilling operations, the operator shall conduct an accurate wellbore survey from the kick-off point to total depth in order that the subsurface bottom-hole location, as well as the wellbore's true depth and course, may be determined.

(2) The operator shall notify the supervisor of the Hobbs District office of the Division of the date and time said wellbore surveys are to be conducted so that they may be witnessed. The operator shall further provide a copy of said wellbore surveys to the Santa Fe and Hobbs offices of the Division upon completion.

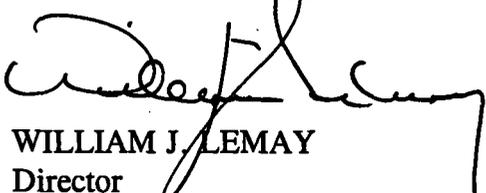
(3) The operator shall comply with all requirements and conditions set forth in **Division General Rule 111.E(2)** and any applicable requirements in **111.D and F** and **104.C(1) and 104.F(2)**.

(4) Form C-105 shall be filed in accordance with **Division Rule 1105** and the operator shall indicate thereon true vertical depth in addition to measured depths.

(5) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY
Director

SEAL

cc: New Mexico Oil Conservation Division - Hobbs
U. S. Bureau of Land Management - Santa Fe



DD-WF, 3

Rec: 3-19-97

Susp: WA

Released: 3-31-97

March 31, 1997

The Wiser Oil Company
c/o J. O. Easley, Inc.
P. O. Box 1796
Roswell, New Mexico 88202-1796

Attention: Michael R. Burch

Administrative Order DD-***¹⁶⁵

Dear Mr. Burch:

Under the provisions of **Rules 111.D and E** of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division"), revised by Division Order No. R-10388, issued by the Oil Conservation Commission in Case 11,274 on June 13, 1995, J. O. Easley, Inc., on behalf of the operator, The Wiser Oil Company ("Wiser"), made application to the New Mexico Oil Conservation Division on March 19, 1997 for authorization to directional drill the Skelly Unit Well No. 276 (API No. 30-015-29225), Eddy County, New Mexico.

The Division Director Finds That:

- (1) The proposed wellbore is to be drilled to a pre-determined bottom-hole location to the Grayburg-Jackson Pool within the Grayburg-Jackson Skelly Unit Waterflood Project Area, established by Division Order No. R-2900, as amended by Order Nos. R-3214 and R-4419;
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TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM

Sections 14 and 15: All
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Section 27: N/2

Section 28: N/2, SW/4, and N/2 SE/4;

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- (6) The "target or project area" for said directional drilling should be within a reasonable radius of the projected bottom-hole location of 1290 feet from the North line and 1226 feet from the West line of said Section 27; and,
- (7) It appearing the applicant has satisfied all of the appropriate requirements prescribed in said **Rules 111.D and E and 104.C(1) and F(1)**, the subject application should be approved and the well should be governed by the provisions contained within this order and all other applicable provisions of **Division General Rules 104 and 111**.

IT IS THEREFORE ORDERED THAT:

(1) The Wiser Oil Company ("Wiser") is hereby authorized to drill its Skelly Unit Well No. 276 (**API No. 30-025-29225**) from a surface location 687 feet from the North line and 1183 feet from the West line (Unit D) of Section 27, Township 17 South, Range 31 East, NMPM, Skelly (Federal) Unit Area and corresponding Grayburg-Jackson Skelly Unit Waterflood Project Area, Eddy County, New Mexico, kick-off to the south and directionally drill into the Grayburg-Jackson Pool as close as is reasonably possible to the targeted bottom-hole location of 1290 feet from the North line and 1226 feet from the West line (Unit D) of said Section 27.

PROVIDED HOWEVER THAT prior to commencing directional drilling operations in said wellbore, the operator shall establish the location of the kick-off point by means of a directional survey acceptable to the Division.

PROVIDED FURTHER THAT during or upon completion of said directional drilling operations, the operator shall conduct an accurate wellbore survey from the kick-off point to total depth in order that the subsurface bottom-hole location, as well as the wellbore's true depth and course, may be determined.

(2) The operator shall notify the supervisor of the Hobbs District office of the Division of the date and time said wellbore surveys are to be conducted so that they may be witnessed. The operator shall further provide a copy of said wellbore surveys to the Santa Fe and Hobbs offices of the Division upon completion.

(3) The operator shall comply with all requirements and conditions set forth in **Division General Rule 111.E(2)** and any applicable requirements in **111.D** and **F** and **104.C(1)** and **104.F(2)**.

(4) Form C-105 shall be filed in accordance with **Division Rule 1105** and the operator shall indicate thereon true vertical depth in addition to measured depths.

(5) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

WILLIAM J. LEMAY
Director

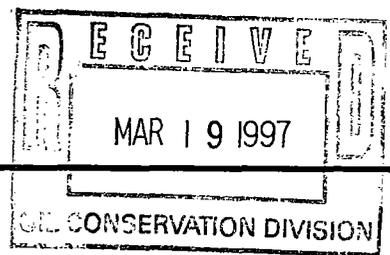
S E A L

cc: New Mexico Oil Conservation Division - Hobbs
U. S. Bureau of Land Management - Santa Fe

DD 4/8/97



J.O. EASLEY INC.
ESTABLISHED 1979
P.O. Box 245 88211-0245
119 South Roselawn, Suite 302
Artesia, New Mexico 88210



Telephone (505) 746-1070
Fax (505) 746-1073

March 17, 1997

Mr. William Lemay
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: Application for Administrative Approval to Drill a Directional Well
Skelly Unit #276
Eddy County, New Mexico

Dear Mr. Lemay:

The Wiser Oil Company hereby applies for administrative approval to drill a directional well at a surface location of 687' FNL, 1183' FWL, Unit D, with the bottom hole location at 1290' FNL, 1226' FWL, Unit D, of Section 27, Township 17 South, Range 31 East, N.M.P.M. It is necessary to directionally drill this well as the prime location for drilling a straight hole is in the middle of Playa Lake.

Attached to this application are the following:

1. Survey Plat, Form C-102.
2. Plat showing the section, township, and range in which the well is to be drilled; the project area; the proposed surface & bottom-hole locations; the producing area for the proposed well; all offsetting drilling units, with the appropriate Operator; and existing wells in said offsetting drilling units.
3. Schematic giving both Vertical & Horizontal Plan Views for the subject well.
4. Type log which is generally representative of the Skelly Unit. Wells have been drilled which have come in right on target as illustrated on this type log from the Caprock Maljamar Unit, but there is a tendency for Skelly Unit wells to come in anywhere from 200' shallower to an extreme of 1000' shallower than illustrated on these logs.

5. Affidavit of Mailing stating that The Wiser Oil Company is the only offset operator; no mailing, therefore, was necessary.

Concurrent with this application, we have submitted a Sundry Notice to directionally drill this well, which has already been permitted as a straight hole, to the Bureau of Land Management, Roswell District Office.

If you have any questions, or need additional information, please feel free to give me a call at 505-623-3758.

Sincerely,

J. O. EASLEY, INC.



Michael R. Burch, CPL
Agent for The Wiser Oil Company

/bj

Enclosures

cc/enclosure Mr. Tim Gum
New Mexico Oil Conservation Division
811 South 1st Street
Artesia, New Mexico 88210

Mr. Matt Eagleston
The Wiser Oil Company
8115 Preston Road, Suite 400
Dallas, Texas 75225

Mr. Mike Jones
The Wiser Oil Company
P. O. Box 2568
Hobbs, New Mexico 88241

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 28509	Pool Name Grayburg Jackson 7-Rivers QN GB SA
Property Code 017540	Property Name SKELLY UNIT "D"	Well Number 276
GRID No. 022922	Operator Name THE WISER OIL COMPANY	Elevation 3815'

Surface Location

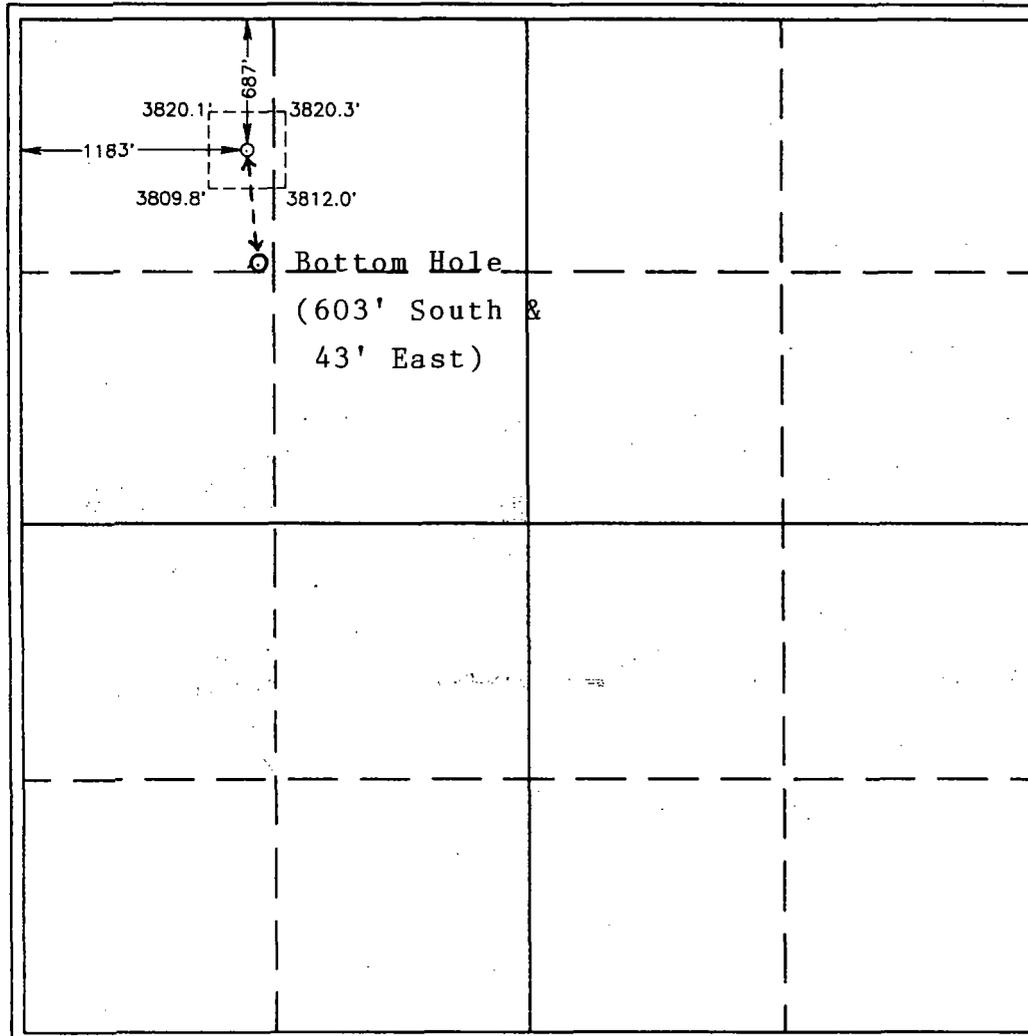
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	27	17 S	31 E		687	NORTH	1183	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	27	17S	31E		1290	North	1226	West	Eddy

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Michael R. Burch
Signature: Michael R. Burch, CPL

Printed Agent for The Wisser Oil Company
Title: 4-5-96

Date: _____

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 belief.

AUGUST 15, 1996

Date Surveyed: _____ CDG

Signature & Seal of Professional Surveyor
Ronald J. Eidson
Professional Surveyor
3239
96-11-0979

Certificate No. JOHN W. WEST 676
RONALD J. EIDSON 3239
STEVE EIDSON 12641

21

22

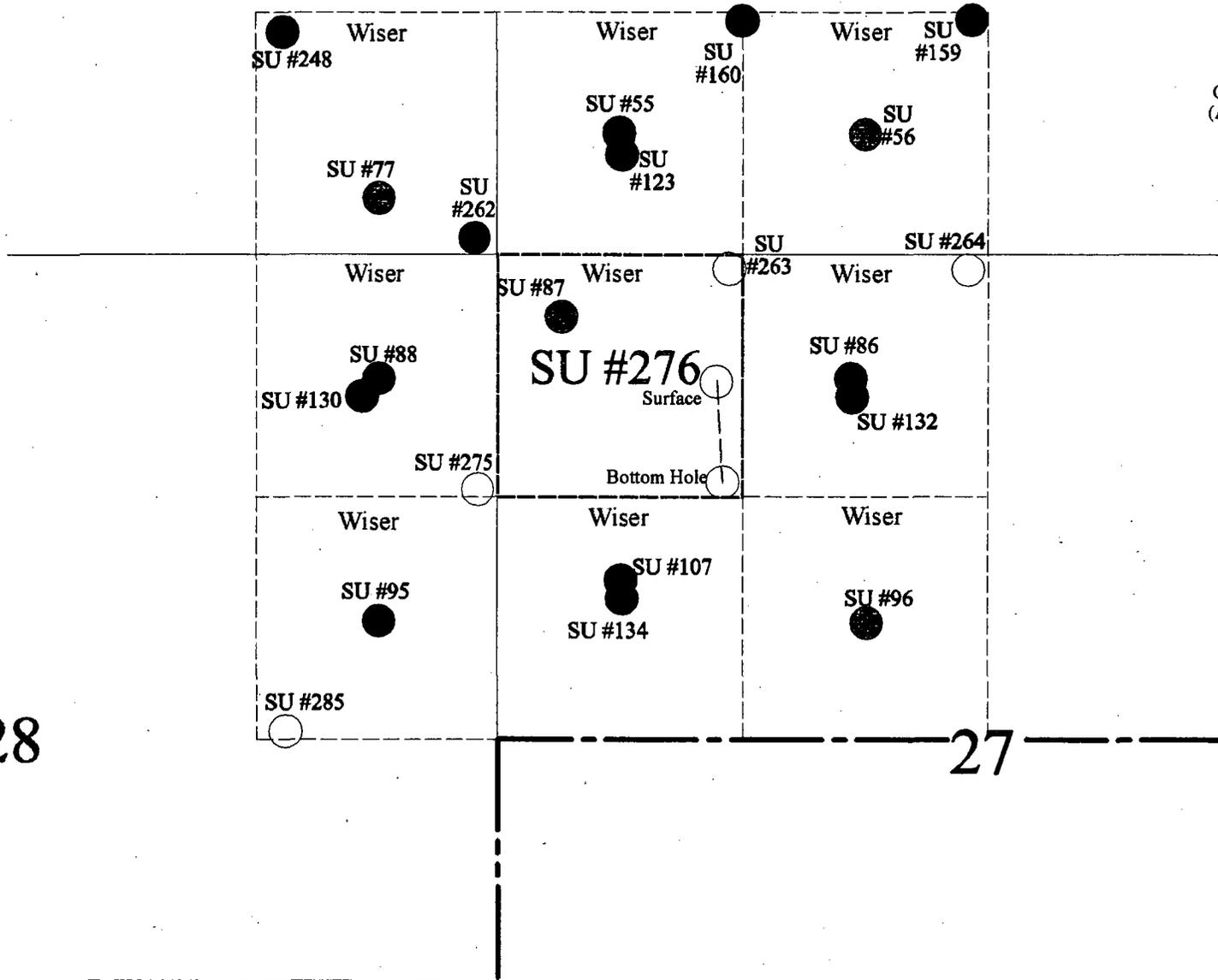
Skelly Unit #276 Directionally Drilled Well

The Wisler Oil Company

- • — Skelly Unit Outline
- - - - - Skelly #276 Producing Area
- - - - - Skelly #276 Offset Drilling Units

Offset Operators are shown in red
(All offset tracts have been drilled)

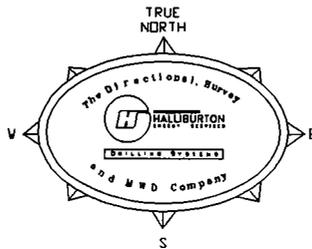
- New Water Injection Well
- Existing Water Injection Well
- Producing Oil Well
- ☼ Producing Gas Well
- ✱ Producing Oil & Gas Well
- Plugged and Abandoned Well
- Temporarily Abandoned Well



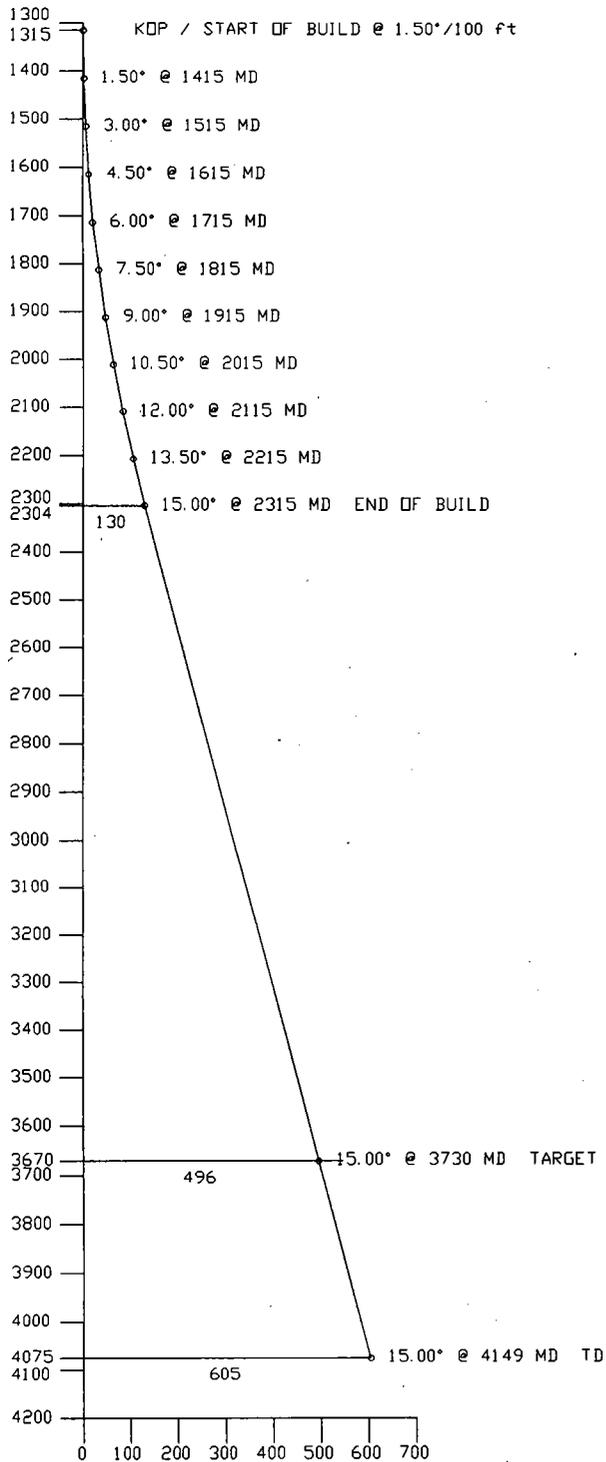
28

27

WISER OIL COMPANY
 SKELLY UNIT #276
 SEC. 27, T17S, R31E
 EDDY COUNTY, NEW MEXICO
 DIRECTIONAL PROPOSAL

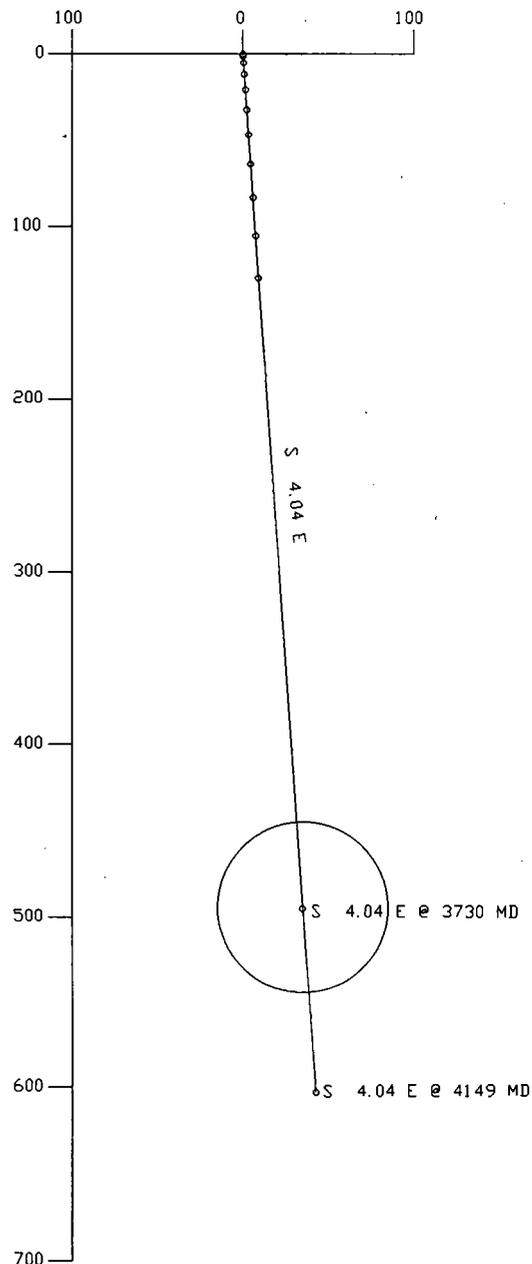


VERTICAL VIEW
 SCALE 100 ft. / DIVISION
 TVD REF: WELLHEAD
 VERTICAL SECTION REF: WELLHEAD



VERTICAL SECTION PLANE: S 4.00 E

HORIZONTAL VIEW
 SCALE 100 ft. / DIVISION
 SURVEY REF: WELLHEAD



CRITICAL POINT DATA

	MD	Inc	Azi.	TVD	N/S	E/W
KDP / START OF BUILD @ 1.50°/100 ft	0	0.00°	S 4 E	0	0 N	0 E
END OF BUILD	2315	15.00°	S 4 E	2304	130 S	9 E
TARGET	3730	15.00°	S 4 E	3670	495 S	35 E
TD	4149	15.00°	S 4 E	4075	603 S	43 E

HALLIBURTON DRILLING SYSTEMS

Proposal Report

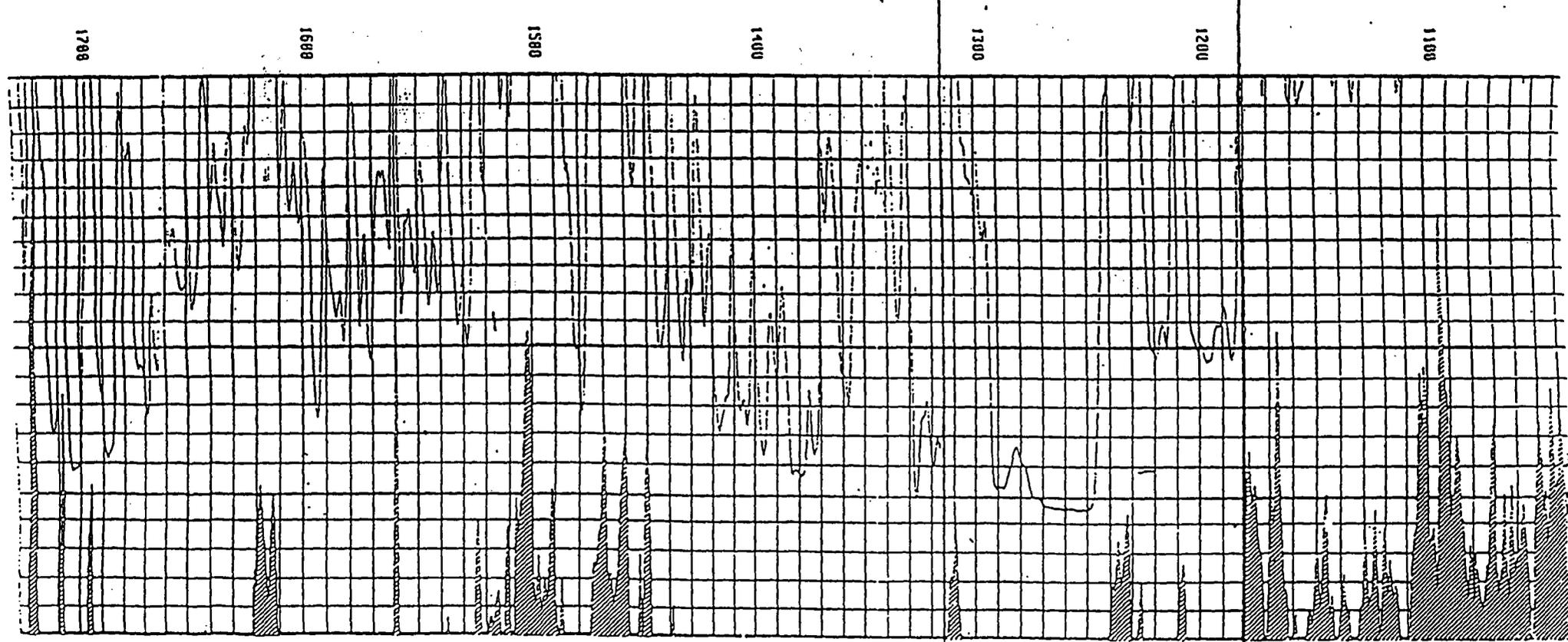
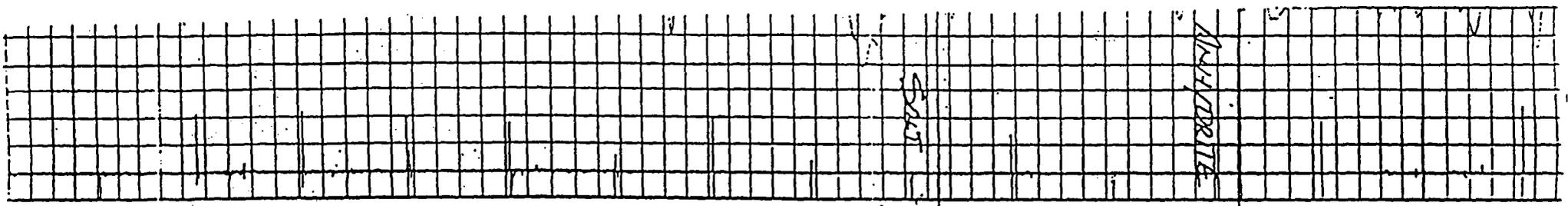
Date: 3/11/97
 Time: 1:06 pm
 Wellpath ID: DIRECTIONAL PROPOSAL
 Last Revision: 3/11/97

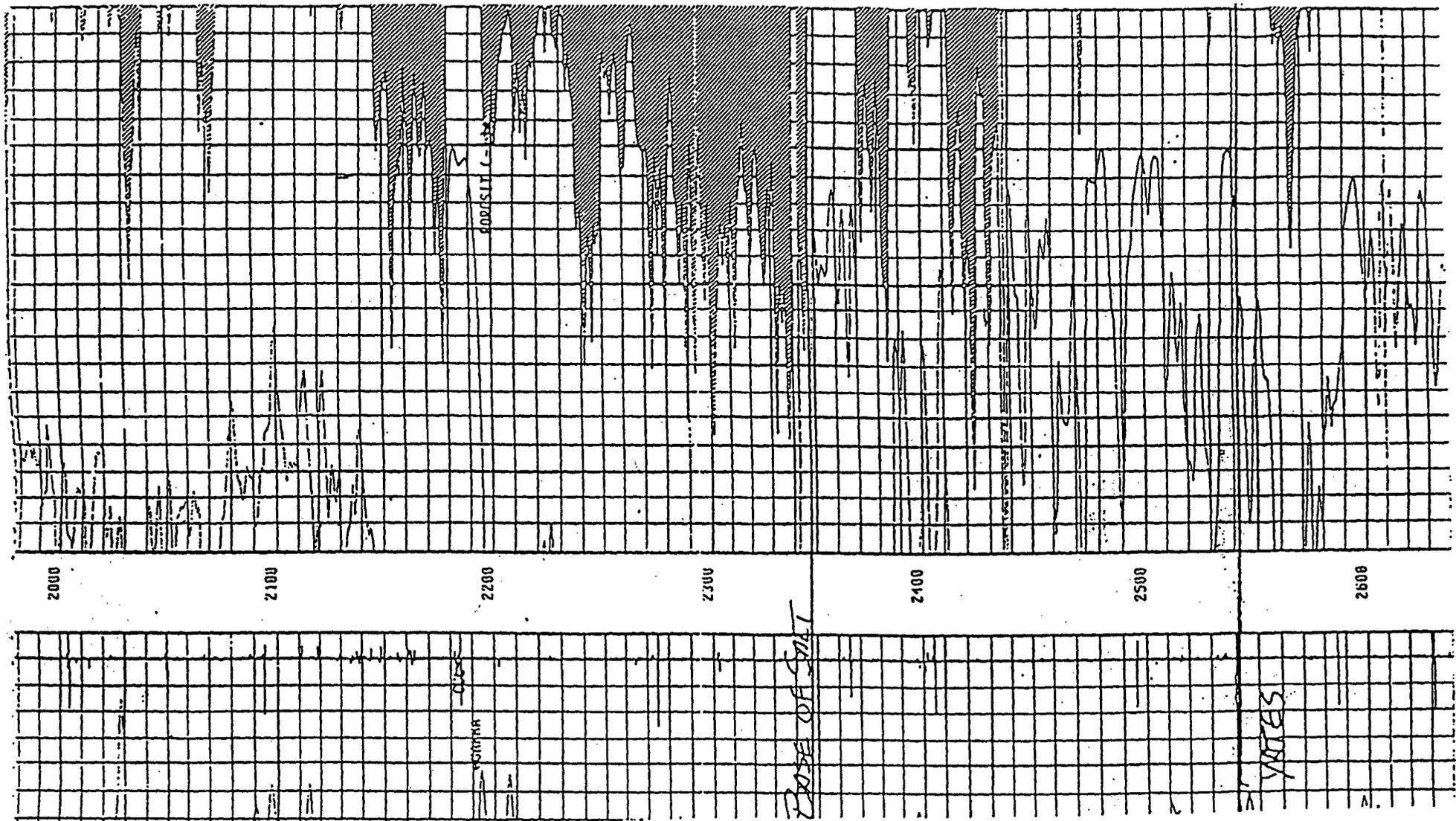
Calculated using the Minimum Curvature Method
Computed using WIN-CADDS REV2.2.2
 Vertical Section Plane: S 4.00 E

Survey Reference: WELLHEAD
 Vertical Section Reference: WELLHEAD
 Closure Reference: WELLHEAD
 TVD Reference: WELLHEAD

WISER OIL COMPANY
 SKELLY UNIT #276
 SEC. 27, T17S, R31E
 EDDY COUNTY, NEW MEXICO
 DIRECTIONAL PROPOSAL

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	TOTAL Rectangular Offsets (ft)		Vertical Section (ft)	DLS (dg/100ft)	
0.00	0.00	S 4.00 E	0.00	0.00	0.00 N	0.00 E	0.00	0.00	
KOP / START OF BUILD @ 1.50 deg/100 ft									
1315.00	0.00	S 4.00 E	1315.00	1315.00	0.00 N	0.00 E	0.00	0.00	
1415.00	1.50	S 4.04 E	100.00	1414.99	1.31 S	0.09 E	1.31	1.50	
1515.00	3.00	S 4.04 E	100.00	1514.91	5.22 S	0.37 E	5.23	1.50	
1615.00	4.50	S 4.04 E	100.00	1614.69	11.75 S	0.83 E	11.77	1.50	
1715.00	6.00	S 4.04 E	100.00	1714.27	20.87 S	1.48 E	20.92	1.50	
1815.00	7.50	S 4.04 E	100.00	1813.57	32.60 S	2.30 E	32.68	1.50	
1915.00	9.00	S 4.04 E	100.00	1912.54	46.91 S	3.32 E	47.03	1.50	
2015.00	10.50	S 4.04 E	100.00	2011.09	63.80 S	4.51 E	63.96	1.50	
2115.00	12.00	S 4.04 E	100.00	2109.16	83.26 S	5.89 E	83.47	1.50	
2215.00	13.50	S 4.04 E	100.00	2206.70	105.28 S	7.44 E	105.54	1.50	
END OF BUILD									
2314.90	15.00	S 4.04 E	99.90	2303.52	129.80 S	9.18 E	130.13	1.50	
TARGET									
3729.57	15.00	S 4.04 E	1414.68	3670.00	495.00 S	35.00 E	496.24	0.00	
TD									
4148.86	15.00	S 4.04 E	419.28	4075.00	603.24 S	42.65 E	604.74	0.00	





2000

2100

2200

2300

2400

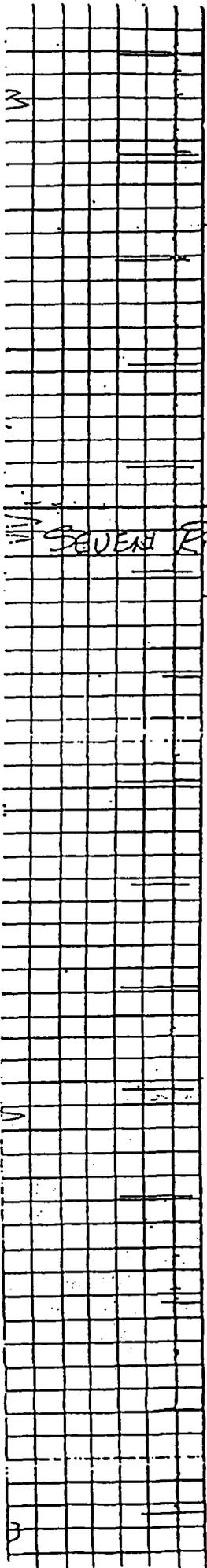
2500

2600

5000 SLT

BASE OF SALT

SALT



2700

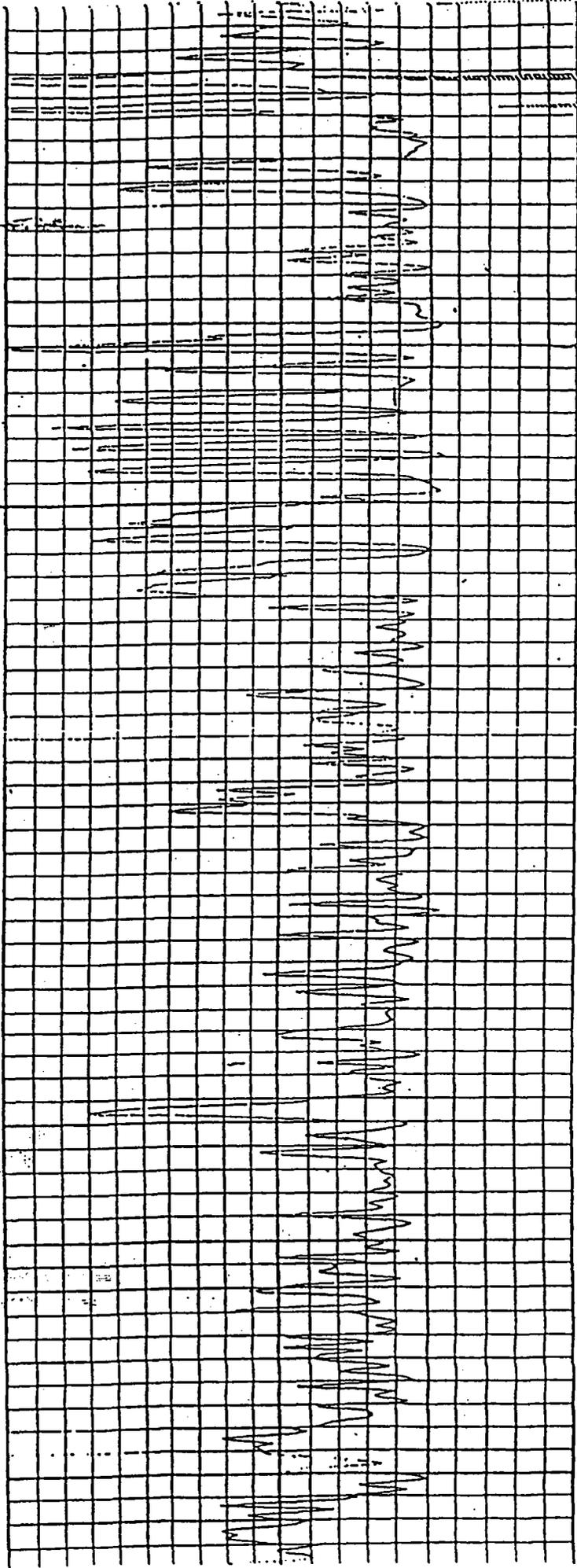
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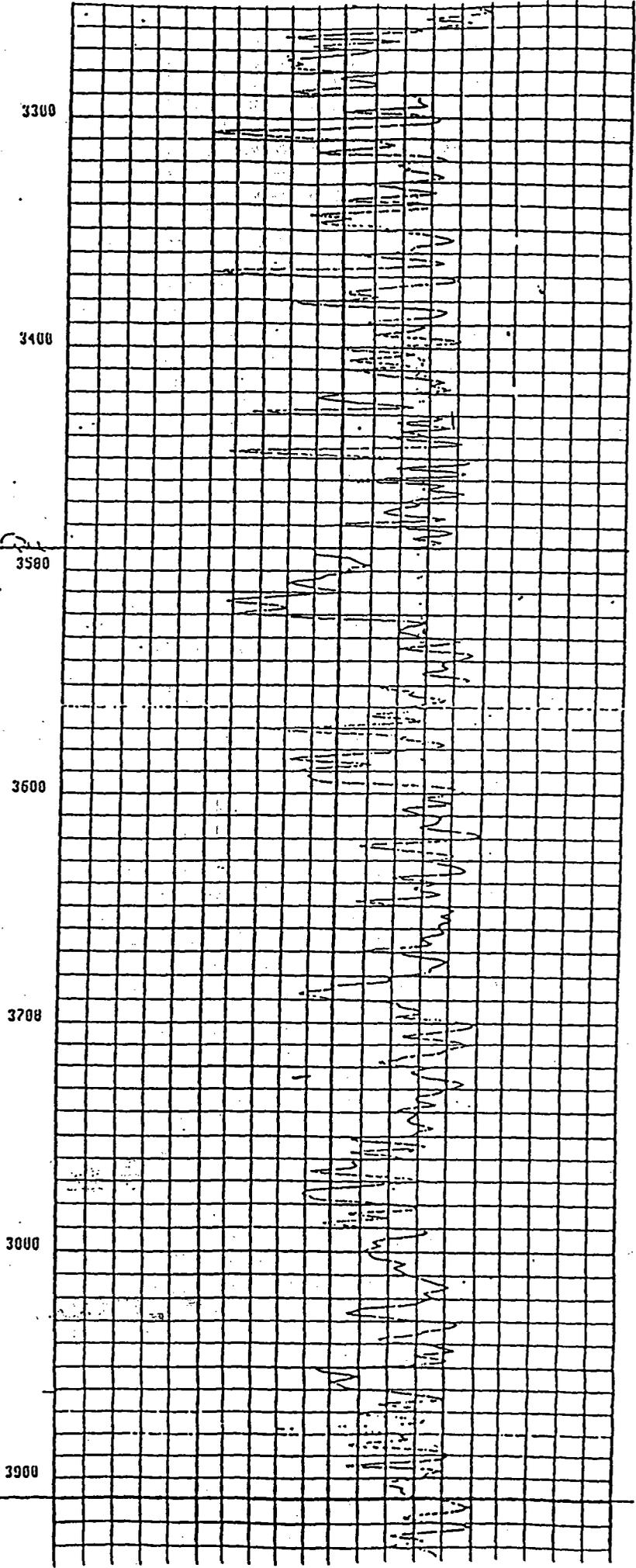
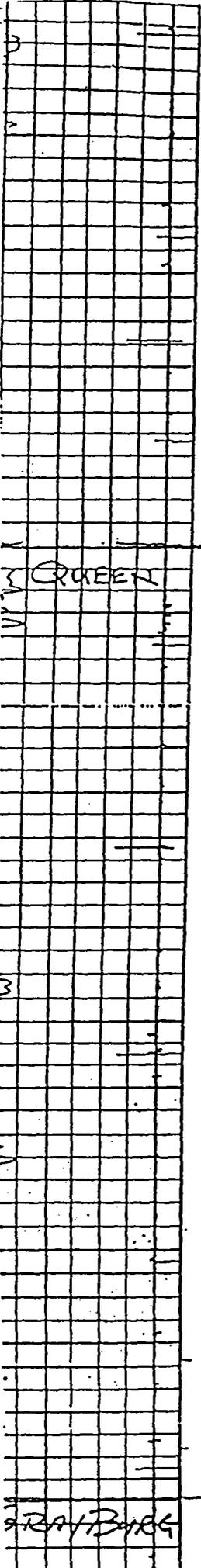
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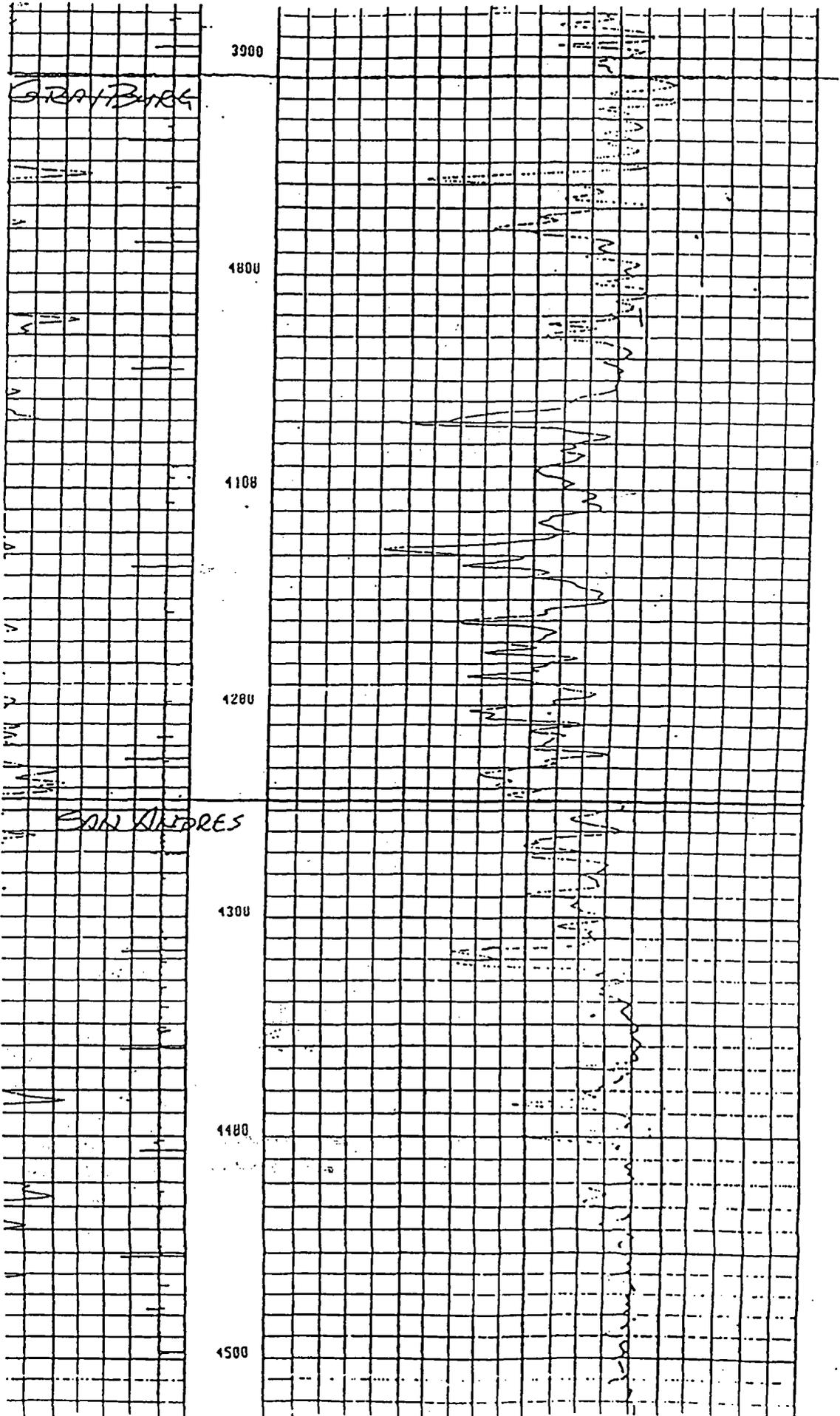
3000

3100

3200







GRANITE

SAN ANDRES

3900

4800

4108

4280

4300

4480

4500

Fault

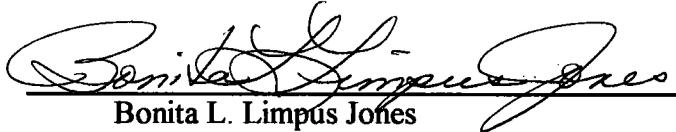
AFFIDAVIT OF MAILING

STATE OF NEW MEXICO

COUNTY OF CHAVES

SS.

I, Bonita L. Limpus Jones, do solemnly swear that The Wiser Oil Company is the only operator on tracts offsetting the Skelly #276 well. No mailing, therefore, was necessary.

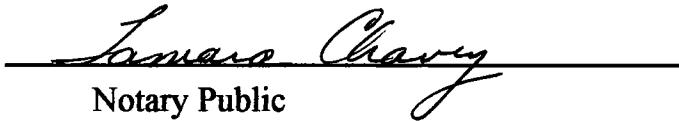


Bonita L. Limpus Jones
Consulting Landman with J. O. Easley, Inc.
on behalf of The Wiser Oil Company

SWORN AND SUBSCRIBED TO before me this 17th day of March, 1997.

My Commibision Expires:

December 18, 1999



Notary Public

CMD :
OG6C101

ONGARD
C101-APPLICATION FOR PERMIT TO DRILL

03/31/97 09:40:04
OGOMES -EME3

OGRID Idn : 22922 API Well No: 30 15 29225 APD Status(A/C/P): A
Opr Name, Addr: WISER OIL CO Aprvl/Cncl Date : 10-11-1996
8115 PRESTON RD
STE 400
DALLAS, TX 75225
Prop Idn: 17540 SKELLY UNIT Well No: 276

	U/L	Sec	Township	Range	Lot	Idn	North/South	East/West
Surface Locn	: D	27	17S	31E			FTG 687 F N	FTG 1183 F W
OCD U/L	: D		API County	: 15				

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): O Cable/Rotary (C/R) : R
Lease typ(F/S/P/N/J/U/I): F Ground Level Elevation : 3815

State Lease No: Multiple Comp (Y/N) : N
Prpsd Depth : 4800 Prpsd Frmtn : SAN ANDRES

E0009: Enter data to modify record

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12



J.O. EASLEY INC.

ESTABLISHED 1979
P.O. Box 245 88211-0245
119 South Roselawn, Suite 302
Artesia, New Mexico 88210

March 17, 1997

Telephone (505) 746-1070
Fax (505) 746-1073

Mr. William Lemay
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: Application for Administrative Approval to Drill a Directional Well
Skelly Unit #276
Eddy County, New Mexico

Dear Mr. Lemay:

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5. Affidavit of Mailing stating that The Wiser Oil Company is the only offset operator; no mailing, therefore, was necessary.

Concurrent with this application, we have submitted a Sundry Notice to directionally drill this well, which has already been permitted as a straight hole, to the Bureau of Land Management, Roswell District Office.

If you have any questions, or need additional information, please feel free to give me a call at 505-623-3758.

Sincerely,

J. O. EASLEY, INC.



Michael R. Burch, CPL
Agent for The Wiser Oil Company

/bj

Enclosures

cc/enclosure Mr. Tim Gum
New Mexico Oil Conservation Division
811 South 1st Street
Artesia, New Mexico 88210

Mr. Matt Eagleston
The Wiser Oil Company
8115 Preston Road, Suite 400
Dallas, Texas 75225

Mr. Mike Jones
The Wiser Oil Company
P. O. Box 2568
Hobbs, New Mexico 88241

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

OIL CONSERVATION DIVISION
P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 28509	Pool Name Grayburg Jackson 7-Rivers QN GB SA
Property Code 017540	Property Name SKELLY UNIT "D"	Well Number 276
OGRID No. 022922	Operator Name THE WISER OIL COMPANY	Elevation 3815'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	27	17 S	31 E		687	NORTH	1183	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	27	17S	31E		1290	North	1226	West	Eddy
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Michael R. Burch</i> Signature: Michael R. Burch, CPL</p> <p>Printed Agent for The Wisier Oil Company Title: 4-5-96</p> <p>Date</p>	
	<p>SURVEYOR CERTIFICATION</p> <p><i>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 belief.</i></p> <p>AUGUST 15, 1996</p> <p>Date Surveyed: _____ CDG</p> <p>Signature & Seal: <i>Ronald J. Eidson</i> Professional Surveyor NEW MEXICO 3239 96-11-0979 8-20-96</p> <p>Certificate No. JOHN W. WEST 676 RONALD J. EIDSON 3239 STEVE EIDSON 12641</p>	

21

22

Skelly Unit #276 Directionally Drilled Well

The Wiser Oil Company

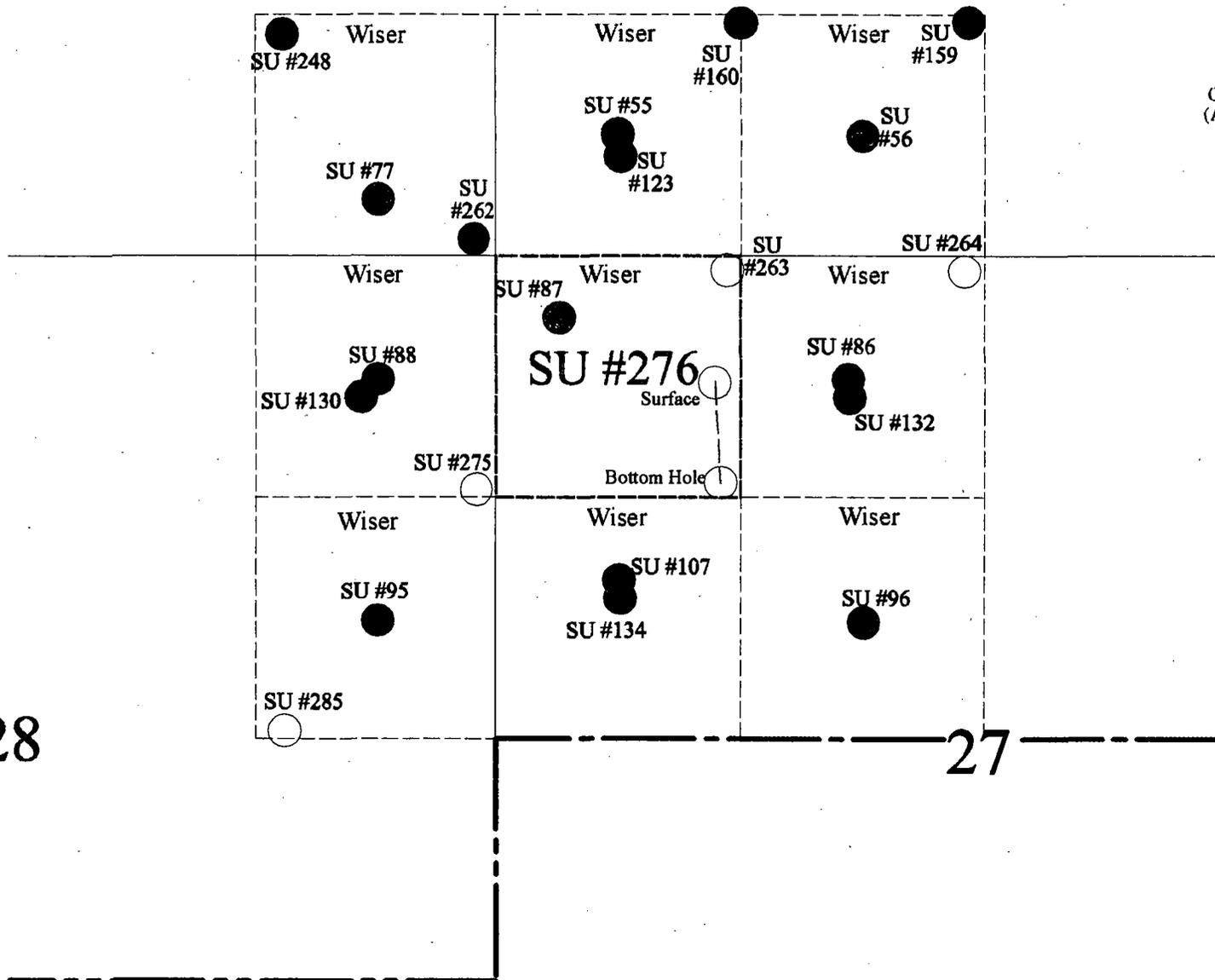
- • — Skelly Unit Outline
- Skelly #276 Producing Area
- Skelly #276 Offset Drilling Units

Offset Operators are shown in red
(All offset tracts have been drilled)

- New Water Injection Well
- Existing Water Injection Well
- Producing Oil Well
- ☀ Producing Gas Well
- ✱ Producing Oil & Gas Well
- Plugged and Abandoned Well
- Temporarily Abandoned Well

28

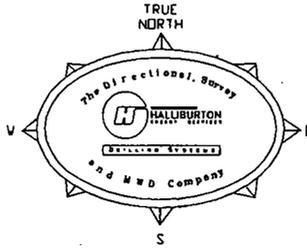
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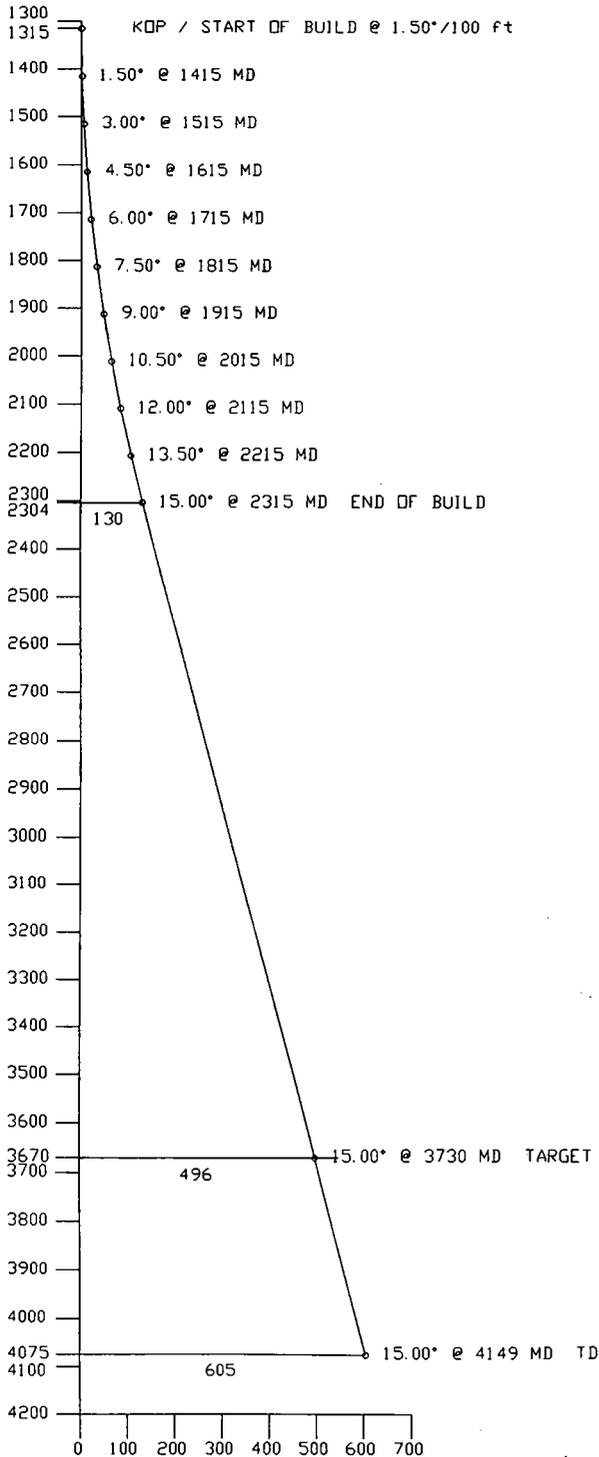
WISER OIL COMPANY
 SKELLY UNIT #276
 SEC. 27, T17S, R31E
 EDDY COUNTY, NEW MEXICO
 DIRECTIONAL PROPOSAL



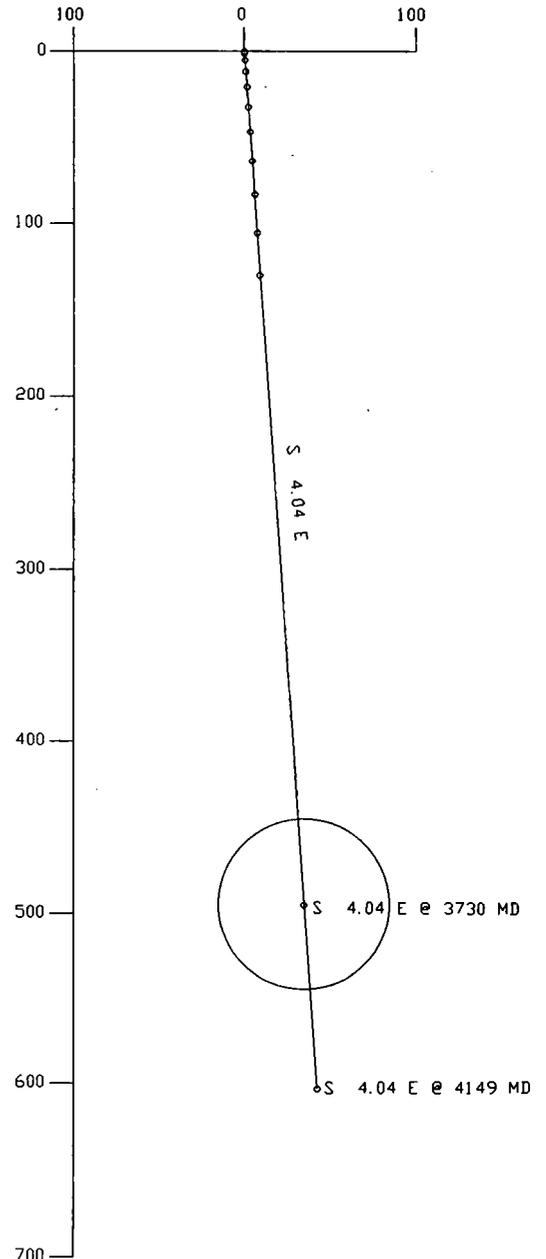
DRILLING SYSTEMS



VERTICAL VIEW
 SCALE 100 ft. / DIVISION
 TVD REF: WELLHEAD
 VERTICAL SECTION REF: WELLHEAD



HORIZONTAL VIEW
 SCALE 100 ft. / DIVISION
 SURVEY REF: WELLHEAD



CRITICAL POINT DATA						
	MD	Inc	Azi.	TVD	N/S	E/W
KOP / START OF BUILD @ 1.50°/100 ft	0	0.00°	S 4 E	0	0 N	0 E
END OF BUILD	2315	15.00°	S 4 E	2304	130 S	9 E
TARGET	3730	15.00°	S 4 E	3670	495 S	35 E
TD	4149	15.00°	S 4 E	4075	603 S	43 E

VERTICAL SECTION PLANE: S 4.00 E

HALLIBURTON DRILLING SYSTEMS

Proposal Report

Date: 3/11/97
 Time: 1:06 pm
 Wellpath ID: DIRECTIONAL PROPOSAL
 Last Revision: 3/11/97

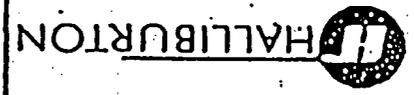
*Calculated using the Minimum Curvature Method
 Computed using WIN-CADDS REV2.2.2
 Vertical Section Plane: S 4.00 E*

Survey Reference: WELLHEAD
 Vertical Section Reference: WELLHEAD
 Closure Reference: WELLHEAD
 TVD Reference: WELLHEAD

WISER OIL COMPANY
 SKELLY UNIT #276
 SEC. 27, T17S, R31E
 EDDY COUNTY, NEW MEXICO
 DIRECTIONAL PROPOSAL

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	TOTAL Rectangular Offsets (ft)		Vertical Section (ft)	DLS (dg/100ft)
0.00	0.00	S 4.00 E	0.00	0.00	0.00 N	0.00 E	0.00	0.00
KOP / START OF BUILD @ 1.50 deg/100 ft								
1315.00	0.00	S 4.00 E	1315.00	1315.00	0.00 N	0.00 E	0.00	0.00
1415.00	1.50	S 4.04 E	100.00	1414.99	1.31 S	0.09 E	1.31	1.50
1515.00	3.00	S 4.04 E	100.00	1514.91	5.22 S	0.37 E	5.23	1.50
1615.00	4.50	S 4.04 E	100.00	1614.69	11.75 S	0.83 E	11.77	1.50
1715.00	6.00	S 4.04 E	100.00	1714.27	20.87 S	1.48 E	20.92	1.50
1815.00	7.50	S 4.04 E	100.00	1813.57	32.60 S	2.30 E	32.68	1.50
1915.00	9.00	S 4.04 E	100.00	1912.54	46.91 S	3.32 E	47.03	1.50
2015.00	10.50	S 4.04 E	100.00	2011.09	63.80 S	4.51 E	63.96	1.50
2115.00	12.00	S 4.04 E	100.00	2109.16	83.26 S	5.89 E	83.47	1.50
2215.00	13.50	S 4.04 E	100.00	2206.70	105.28 S	7.44 E	105.54	1.50
END OF BUILD								
2314.90	15.00	S 4.04 E	99.90	2303.52	129.80 S	9.18 E	130.13	1.50
TARGET								
3729.57	15.00	S 4.04 E	1414.68	3670.00	495.00 S	35.00 E	496.24	0.00
TD								
4148.86	15.00	S 4.04 E	419.28	4075.00	603.24 S	42.65 E	604.74	0.00

TYPE LOG



HALLIBURTON

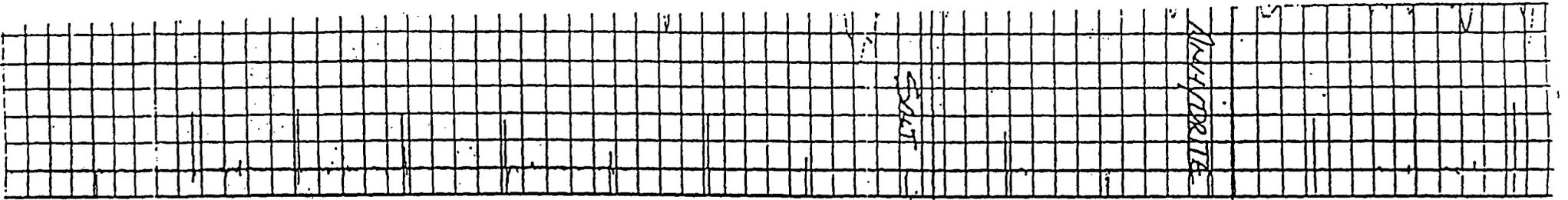
DSN

GAMMA COLLAR

COMPANY: WISER OIL COMPANY INC. CELL: CMU #160 FIELD: MALJANAR GRAYBURG COUNTY: LCA STATE: N.M.		COMPANY: WISER OIL COMPANY INC. CELL: CMU #160 FIELD: MALJANAR GRAYBURG COUNTY: LCA STATE: N.M.	
PERMANENT DATA ELEV. 4788 LOG MEASURED FROM: 2.0 FT. ABOVE PERM. DATA DATE & TIME LOGGED: 12/08/95		PERMANENT DATA ELEV. 4788 LOG MEASURED FROM: 2.0 FT. ABOVE PERM. DATA DATE & TIME LOGGED: 12/08/95	
DEPTH - ORIFICE: 4850 DEPTH - LOGGER: 4788 DEPTH - LOGGED INTERVAL: 4787 DEPTH - LOGGED INTERVAL: 4787		DEPTH - ORIFICE: 4850 DEPTH - LOGGER: 4788 DEPTH - LOGGED INTERVAL: 4787 DEPTH - LOGGED INTERVAL: 4787	
CEMENT TOP ESTABLISHED VIA EQUIPMENT & LOCATION: 7634 CEMENT TOP ESTABLISHED VIA EQUIPMENT & LOCATION: 7634		CEMENT TOP ESTABLISHED VIA EQUIPMENT & LOCATION: 7634 CEMENT TOP ESTABLISHED VIA EQUIPMENT & LOCATION: 7634	
TOP LOGGED INTERVAL: SURF TOP LOGGED INTERVAL: SURF MAX RECORD TEMP.: NA WITNESSED BY: M.J. G. A.E. CA		TOP LOGGED INTERVAL: SURF TOP LOGGED INTERVAL: SURF MAX RECORD TEMP.: NA WITNESSED BY: M.J. G. A.E. CA	
CEMENTING DATA: SURF STAINING, SAT. STAINING, SPOOD STAINING DATE/TIME CEMENTED:		CEMENTING DATA: SURF STAINING, SAT. STAINING, SPOOD STAINING DATE/TIME CEMENTED:	
COMPRESSIVE STA. EXPECTED & ACTUAL:		COMPRESSIVE STA. EXPECTED & ACTUAL:	
CEMENT VOLUME:		CEMENT VOLUME:	
CEMENT TYPE/WEIGHT:		CEMENT TYPE/WEIGHT:	
TUBO TYPE/TUBO WGT. FORMULATION:		TUBO TYPE/TUBO WGT. FORMULATION:	
RUN NO. BOREHOLE RECORD CASING AND TUBING RECORD		RUN NO. BOREHOLE RECORD CASING AND TUBING RECORD	
No. 811 SZ. FROM: 19 SIZE: WGT. FROM: 19	No. 811 SZ. FROM: 19 SIZE: WGT. FROM: 19	No. 811 SZ. FROM: 19 SIZE: WGT. FROM: 19	No. 811 SZ. FROM: 19 SIZE: WGT. FROM: 19
ONE 7.875 4850 5.5 17.0 8 1230	ONE 7.875 4850 5.5 17.0 8 1230	ONE 7.875 4850 5.5 17.0 8 1230	ONE 7.875 4850 5.5 17.0 8 1230

FORMAND TOPS

TYPE LOG FOR CMU SHOWING VIII-XH.6



1100

1200

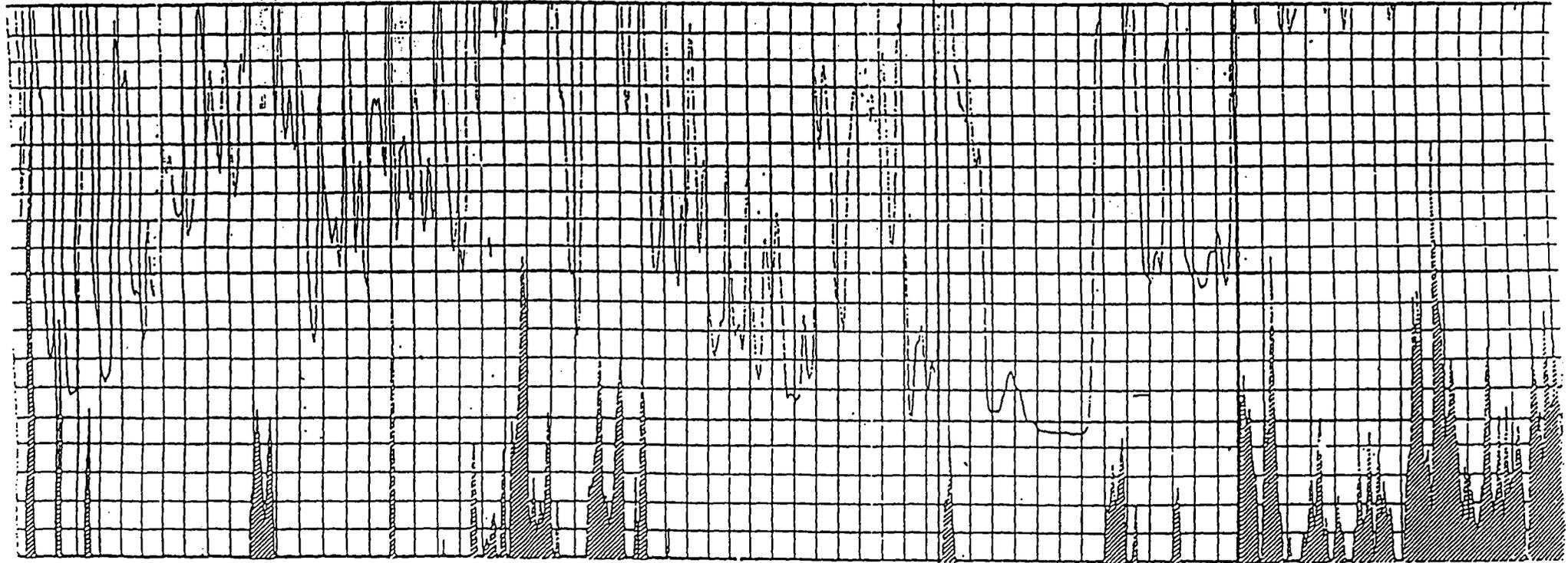
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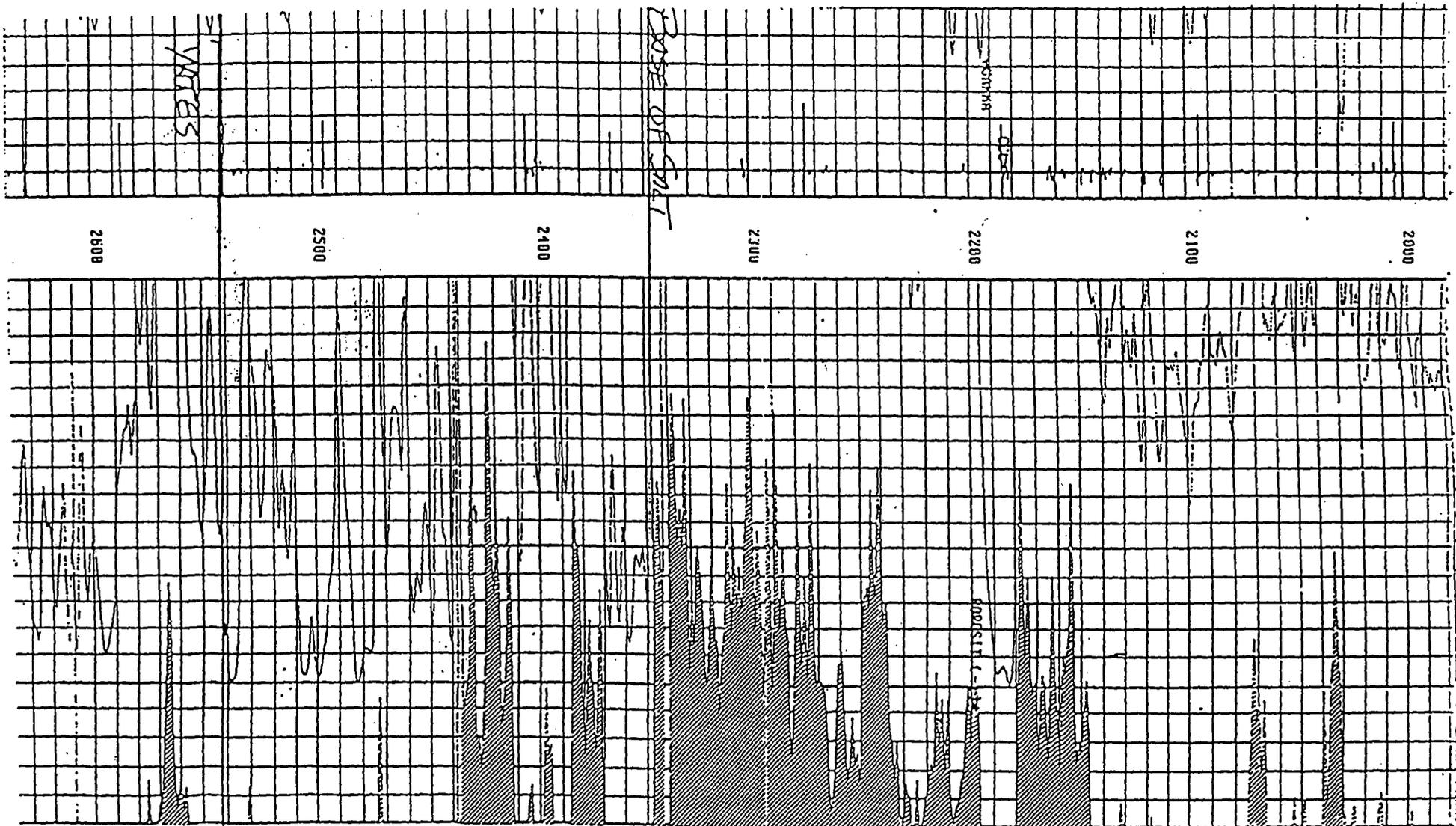
1400

1500

1600

1700





2000

2100

2200

2300

2400

2500

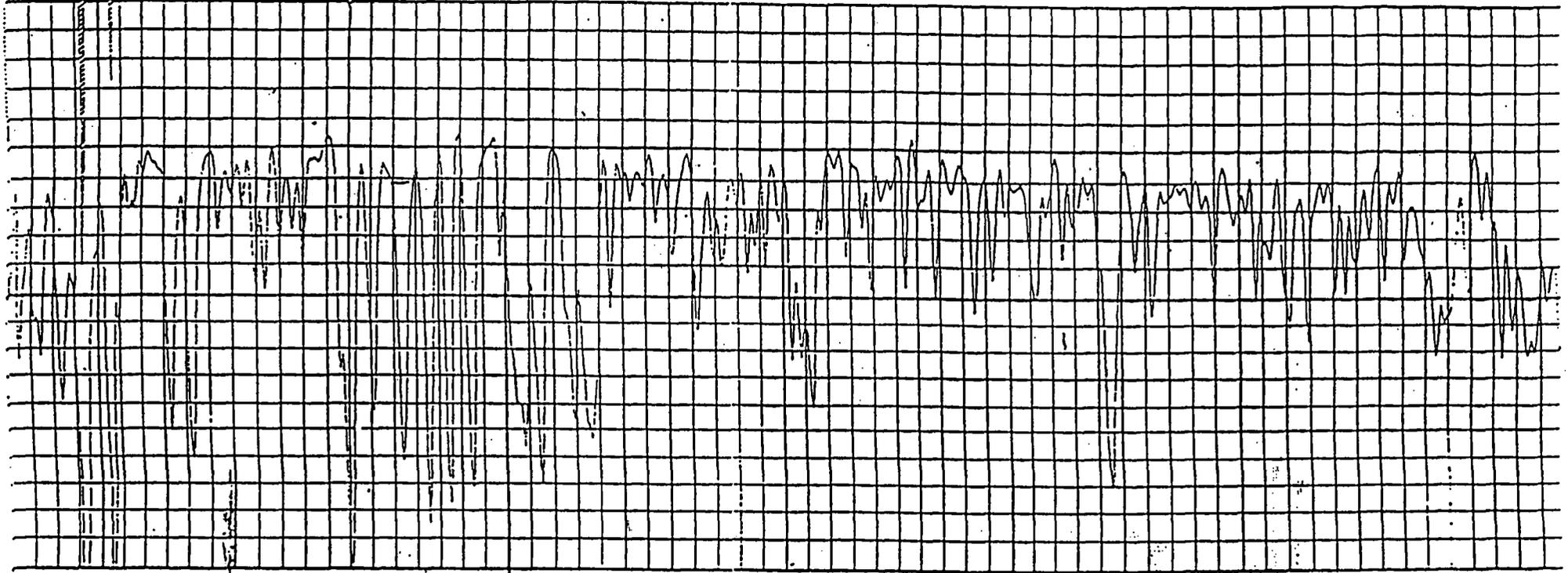
2600

WATER

BASE OF SOIL

ROAD CUT

ROAD CUT



2700

2000

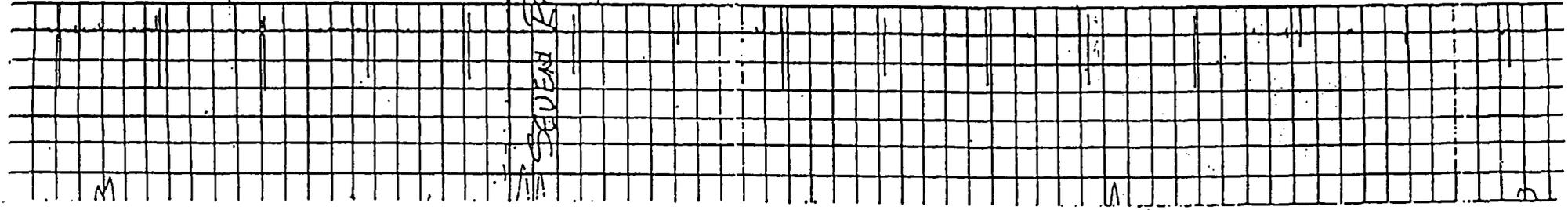
SEVEN RIVERS

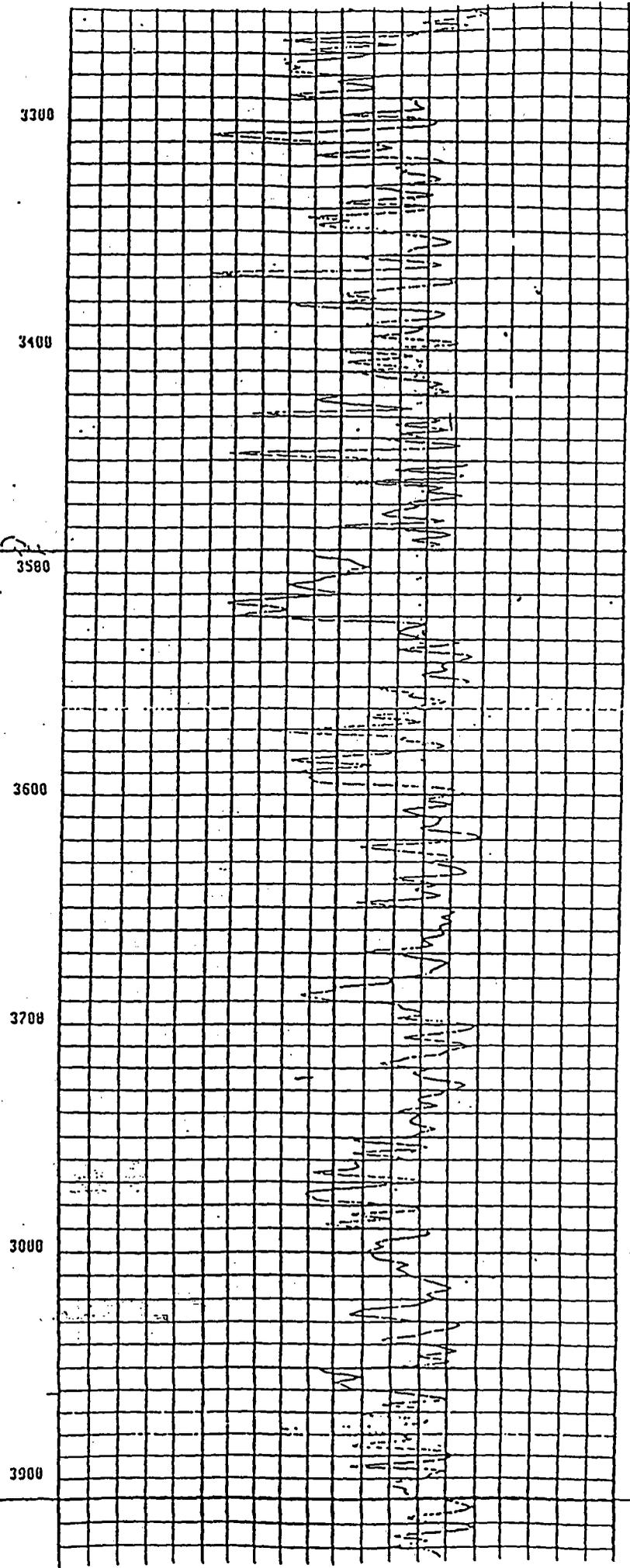
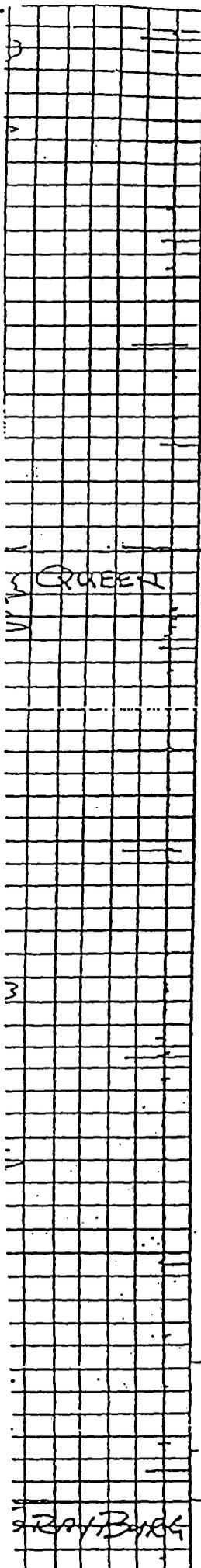
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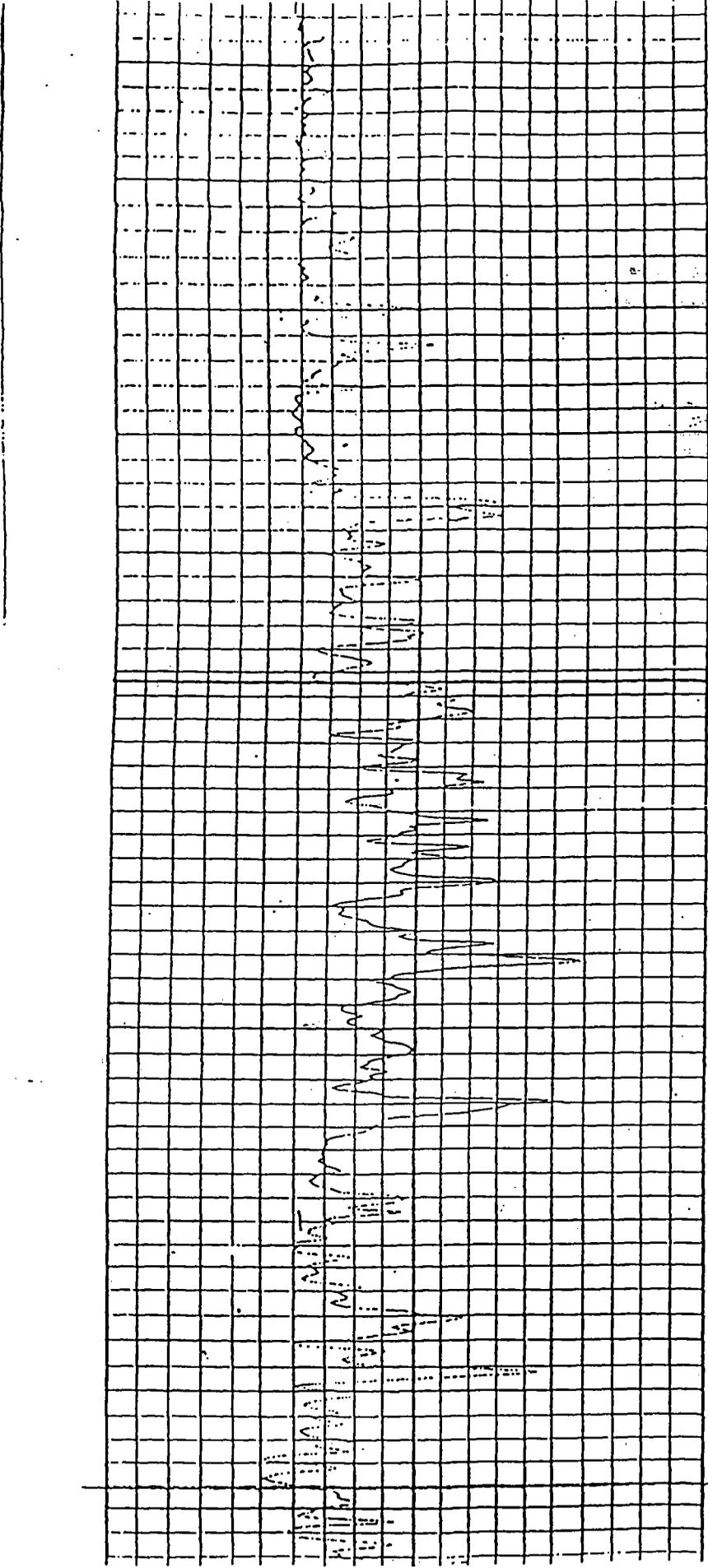
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3100

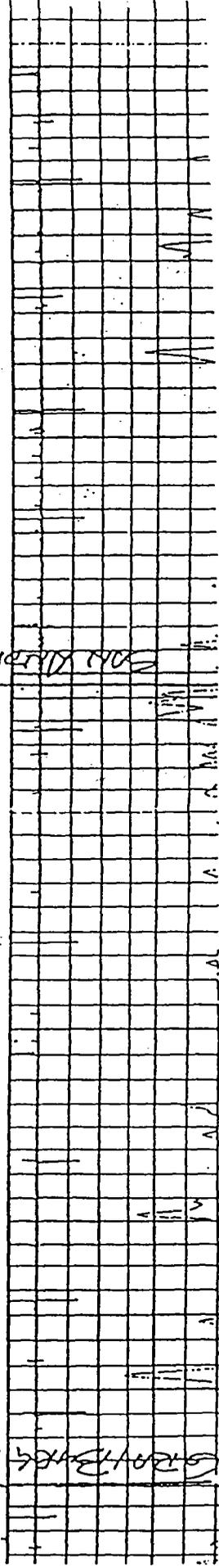
3280







4500
4400
4300
SOIL DEPTHS
4200
4100
4000
3900



SOIL DEPTHS
4000
3900

AFFIDAVIT OF MAILING

STATE OF NEW MEXICO

COUNTY OF CHAVES

SS.

I, Bonita L. Limpus Jones, do solemnly swear that The Wiser Oil Company is the only operator on tracts offsetting the Skelly #276 well. No mailing, therefore, was necessary.

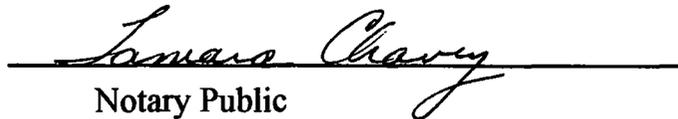


Bonita L. Limpus Jones
Consulting Landman with J. O. Easley, Inc.
on behalf of The Wiser Oil Company

SWORN AND SUBSCRIBED TO before me this 17th day of March, 1997.

My Commibision Expires:

December 18, 1999



Notary Public