

See Case 9628

MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210  
TELEPHONE (505) 748-1471

S. P. YATES  
CHAIRMAN OF THE BOARD  
JOHN A. YATES  
PRESIDENT  
PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

February 14, 1989

William J. Lemay, Director  
NMOCD  
P.O. BOX 2088  
Santa Fe, N.M. 87504-2088

*Application  
Carper Well  
Only!*

RE: Unorthodox Gas Well Location  
Unit A Sec. 33 - 17S-24E, Eddy Co.

Yates Petroleum hereby makes application for administrative approval for exception to the Standard Gas Well Location for re-entry of the Carper Drilling Company's Monsanto State No. 1, located 660 feet from North and East lines of Section 33 T17S R24E, Eddy County. Subject well was permitted for Max Wilson in February 1964 on 40-acre spacing and designated as State Marathon Well No. 1. The well was subsequently drilled as a Cisco-Canyon exploratory well to a depth of 7020 feet by Carper Drilling Company and plugged and abandoned in May 1964 not having encountered commercial oil pay.

Subject re-entry will be an extension of the Collins Ranch Wolfcamp gas field. Dedicated acreage would be the North half of Section 33 and Yates Petroleum is the operator of all offset acreage. ~~It is further noted that~~ undesignated Cisco Canyon gas was discovered in YPC - Richard Knob AEK State No. 1, located 1980 feet from the North & East lines of Section 34, T17S-24E. Also, there were shows in the Strawn and Atoka-Morrow formations.

Yates Petroleum has scheduled for drilling an offset to the Richard Knob AEK No.1. The re-entry and deepening of subject well will allow us to "look at" the potential of the Morrow and intermediate horizons and would greatly affect the location of the Richard Knob AEK State No. 2. This non-standard location will prevent waste and does not infringe on correlative rights of operator or mineral owner.

This request for Administrative Approval of an Unorthodox Gas well location is submitted as provided for under NMOCD Rule 104 F. Topographically, this location is closer to the gas transmission line than a standard location would be since Transwestern Pipeline is approximately 1/2 mile North, running 25-30 degrees West and North from the State DF No. 1 in Unit D of Section 35, T17S-R24E. Note that the State DF No. 1 was approved administratively by Order NSL-895 on November 1, 1977.

Sincerely,

*Eddie M. Mahfood*

Eddie M. Mahfood  
Senior Engineer

EMM/gb

cc: Randy Patterson, Ray Beck

*Wolfcamp Only  
as per requested  
by 2/23/89.*



# VELLE

## ACOUSTIC VELOCITY LOG

COMPANY Open Thru Inc RECEIVED

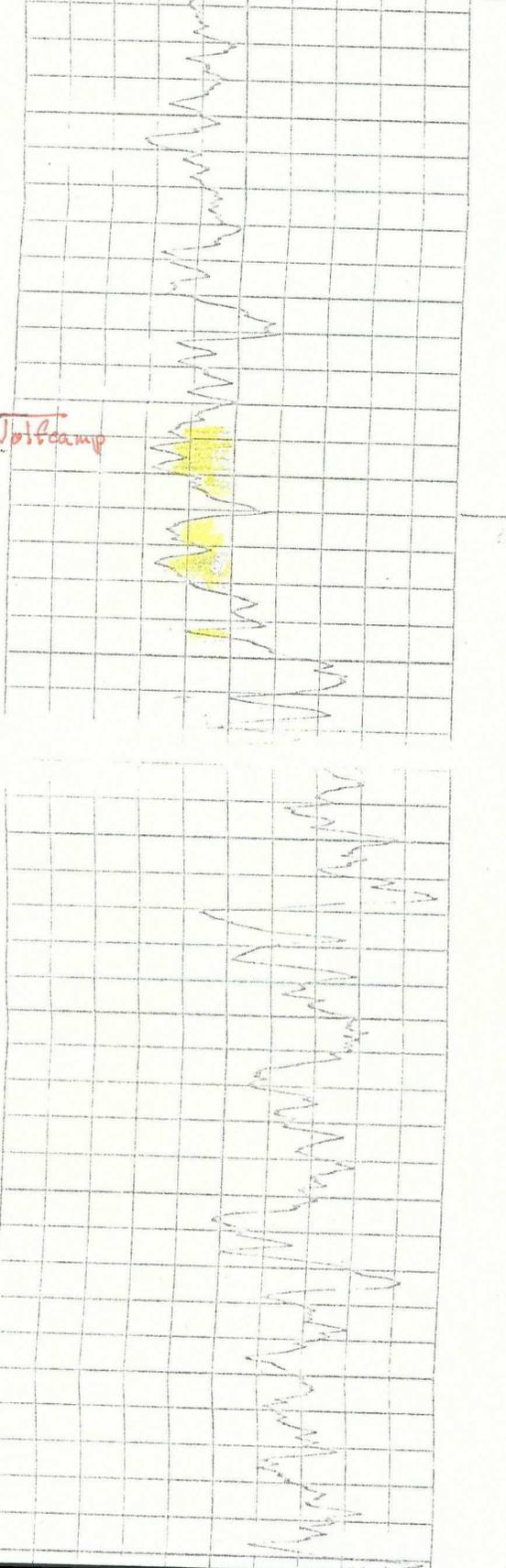
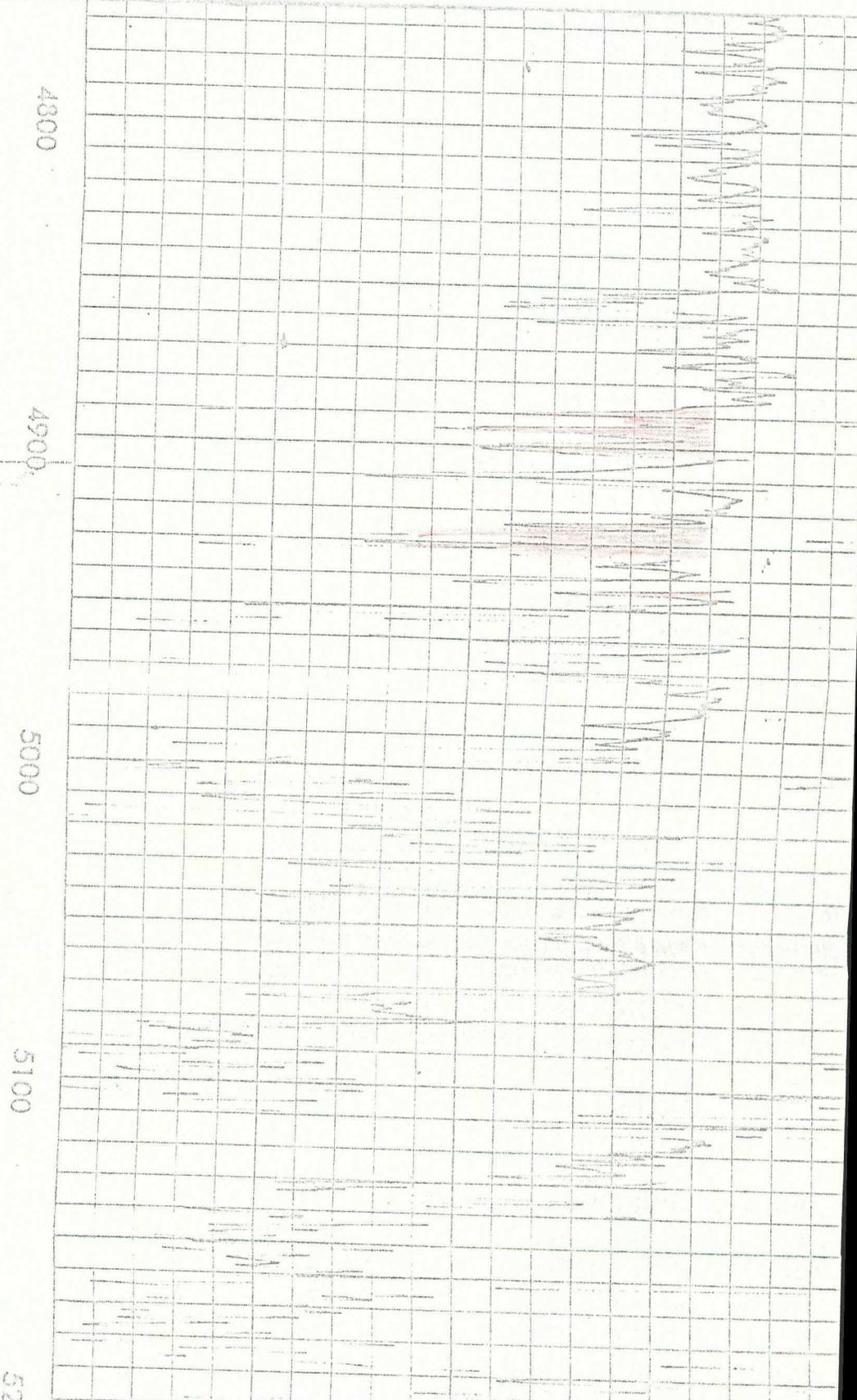
WELL Northon State MW20 USA

FIELD Midland STATE TEXAS  
INDIA COUNTY Edley STATE MEXICO

Location IND 05E Other Services: IND - Elec  
 Sec. 22 Twp. 17S Rge. 24E

Well Depth 5150 Elevation 3790'  
 Drilled From A.P. 11 Ft. Above Perm. Datum  
 Measured From A.P. Elevation 3801'  
DF 3800'  
GIS 770'

Driller	5-15			
Well	002			
Well	7000			
Well	7053			
Well	7077			
Well	7088			
Well	7099			
Well	7110			
Well	7121			
Well	7132			
Well	7143			
Well	7154			
Well	7165			
Well	7176			
Well	7187			
Well	7198			
Well	7209			
Well	7220			
Well	7231			
Well	7242			
Well	7253			
Well	7264			
Well	7275			
Well	7286			
Well	7297			
Well	7308			
Well	7319			
Well	7330			
Well	7341			
Well	7352			
Well	7363			
Well	7374			
Well	7385			
Well	7396			
Well	7407			
Well	7418			
Well	7429			
Well	7440			
Well	7451			
Well	7462			
Well	7473			
Well	7484			
Well	7495			
Well	7506			
Well	7517			
Well	7528			
Well	7539			
Well	7550			
Well	7561			
Well	7572			
Well	7583			
Well	7594			
Well	7605			
Well	7616			
Well	7627			
Well	7638			
Well	7649			
Well	7660			
Well	7671			
Well	7682			
Well	7693			
Well	7704			
Well	7715			
Well	7726			
Well	7737			
Well	7748			
Well	7759			
Well	7770			
Well	7781			
Well	7792			
Well	7803			
Well	7814			
Well	7825			
Well	7836			
Well	7847			
Well	7858			
Well	7869			
Well	7880			
Well	7891			
Well	7902			
Well	7913			
Well	7924			
Well	7935			
Well	7946			
Well	7957			
Well	7968			
Well	7979			
Well	7990			
Well	8001			
Well	8012			
Well	8023			
Well	8034			
Well	8045			
Well	8056			
Well	8067			
Well	8078			
Well	8089			
Well	8100			
Well	8111			
Well	8122			
Well	8133			
Well	8144			
Well	8155			
Well	8166			
Well	8177			
Well	8188			
Well	8199			
Well	8210			
Well	8221			
Well	8232			
Well	8243			
Well	8254			
Well	8265			
Well	8276			
Well	8287			
Well	8298			
Well	8309			
Well	8320			
Well	8331			
Well	8342			
Well	8353			
Well	8364			
Well	8375			
Well	8386			
Well	8397			
Well	8408			
Well	8419			
Well	8430			
Well	8441			
Well	8452			
Well	8463			
Well	8474			
Well	8485			
Well	8496			
Well	8507			
Well	8518			
Well	8529			
Well	8540			
Well	8551			
Well	8562			
Well	8573			
Well	8584			
Well	8595			
Well	8606			
Well	8617			
Well	8628			
Well	8639			
Well	8650			
Well	8661			
Well	8672			
Well	8683			
Well	8694			
Well	8705			
Well	8716			
Well	8727			
Well	8738			
Well	8749			
Well	8760			
Well	8771			
Well	8782			
Well	8793			
Well	8804			
Well	8815			
Well	8826			
Well	8837			
Well	8848			
Well	8859			
Well	8870			
Well	8881			
Well	8892			
Well	8903			
Well	8914			
Well	8925			
Well	8936			
Well	8947			
Well	8958			
Well	8969			
Well	8980			
Well	8991			
Well	9002			
Well	9013			
Well	9024			
Well	9035			
Well	9046			
Well	9057			
Well	9068			
Well	9079			
Well	9090			
Well	9101			
Well	9112			
Well	9123			
Well	9134			
Well	9145			
Well	9156			
Well	9167			
Well	9178			
Well	9189			
Well	9200			
Well	9211			
Well	9222			
Well	9233			
Well	9244			
Well	9255			
Well	9266			
Well	9277			
Well	9288			
Well	9299			
Well	9310			
Well	9321			
Well	9332			
Well	9343			
Well	9354			
Well	9365			
Well	9376			
Well	9387			
Well	9398			
Well	9409			
Well	9420			
Well	9431			
Well	9442			
Well	9453			
Well	9464			
Well	9475			
Well	9486			
Well	9497			
Well	9508			
Well	9519			
Well	9530			
Well	9541			
Well	9552			
Well	9563			
Well	9574			
Well	9585			
Well	9596			
Well	9607			
Well	9618			
Well	9629			
Well	9640			
Well	9651			
Well	9662			
Well	9673			
Well	9684			
Well	9695			
Well	9706			
Well	9717			
Well	9728			
Well	9739			
Well	9750			
Well	9761			
Well	9772			
Well	9783			
Well	9794			
Well	9805			
Well	9816			
Well	9827			
Well	9838			
Well	9849			
Well	9860			
Well	9871			
Well	9882			
Well	9893			
Well	9904			
Well	9915			
Well	9926			
Well	9937			
Well	9948			
Well	9959			
Well	9970			
Well	9981			
Well	9992			
Well	10003			



Wellhead No. 001

COMPENSATED NEUTRON/LITHO-DENSITY



COMPANY: YATES PETROLEUM CORPORATION

WELL: RICHARD KNOB "AEX" STATE NO. 1

FIELD: UNDES. RICHARD KNOB

COUNTY: EDDY

STATE: NEW MEXICO

LOCATION: 1980' FNL & 1980' FEL

SEC: 134 TWP: 17-S RGE: 24-E

PERMANENT DATUM: G.L. ELEVATIONS-

ELEV. OF PERM. DATUM: 3751.1 F K.B. 3764.6 F

LOG MEASURED FROM: K.B. DF: 3759.6 F

13.5 F ABOVE PERM. DATUM GLF: 3751.1 F

DRLG. MEASURED FROM: K.B.

DATE: 21 JAN 83

RUN NO: ONE

DEPTH-DRILLER: 8300.0 F

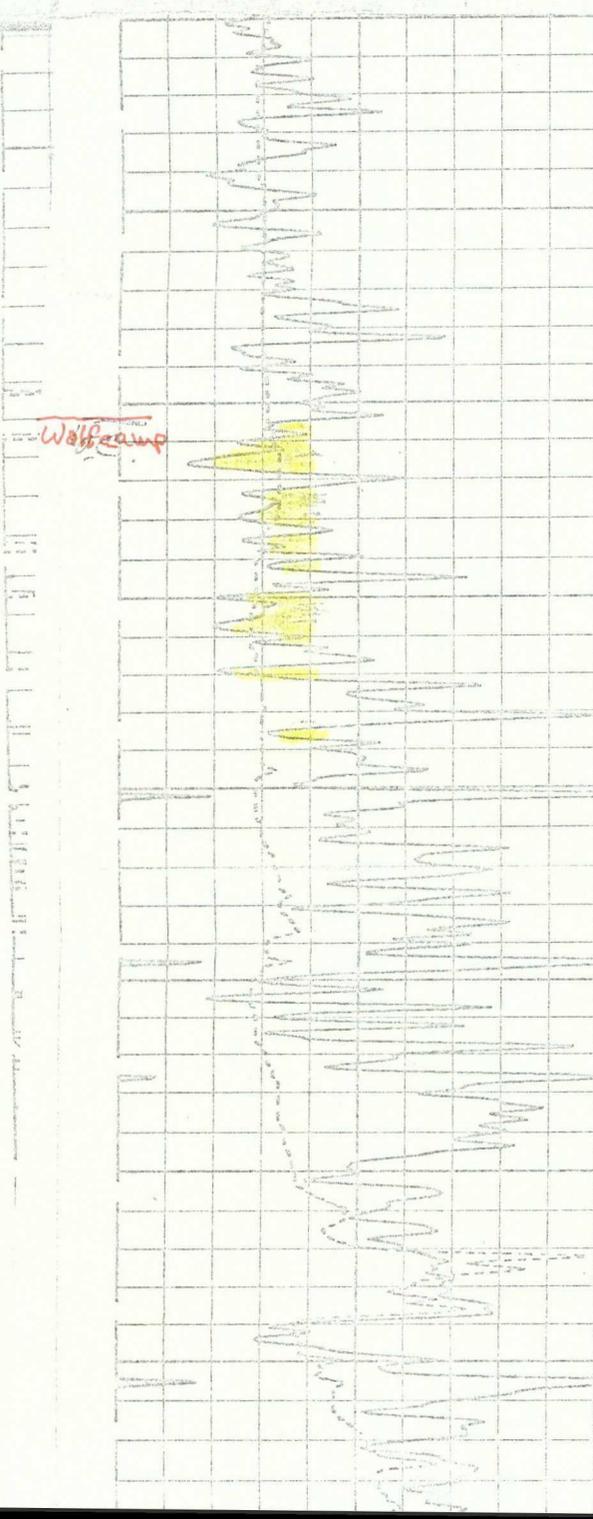
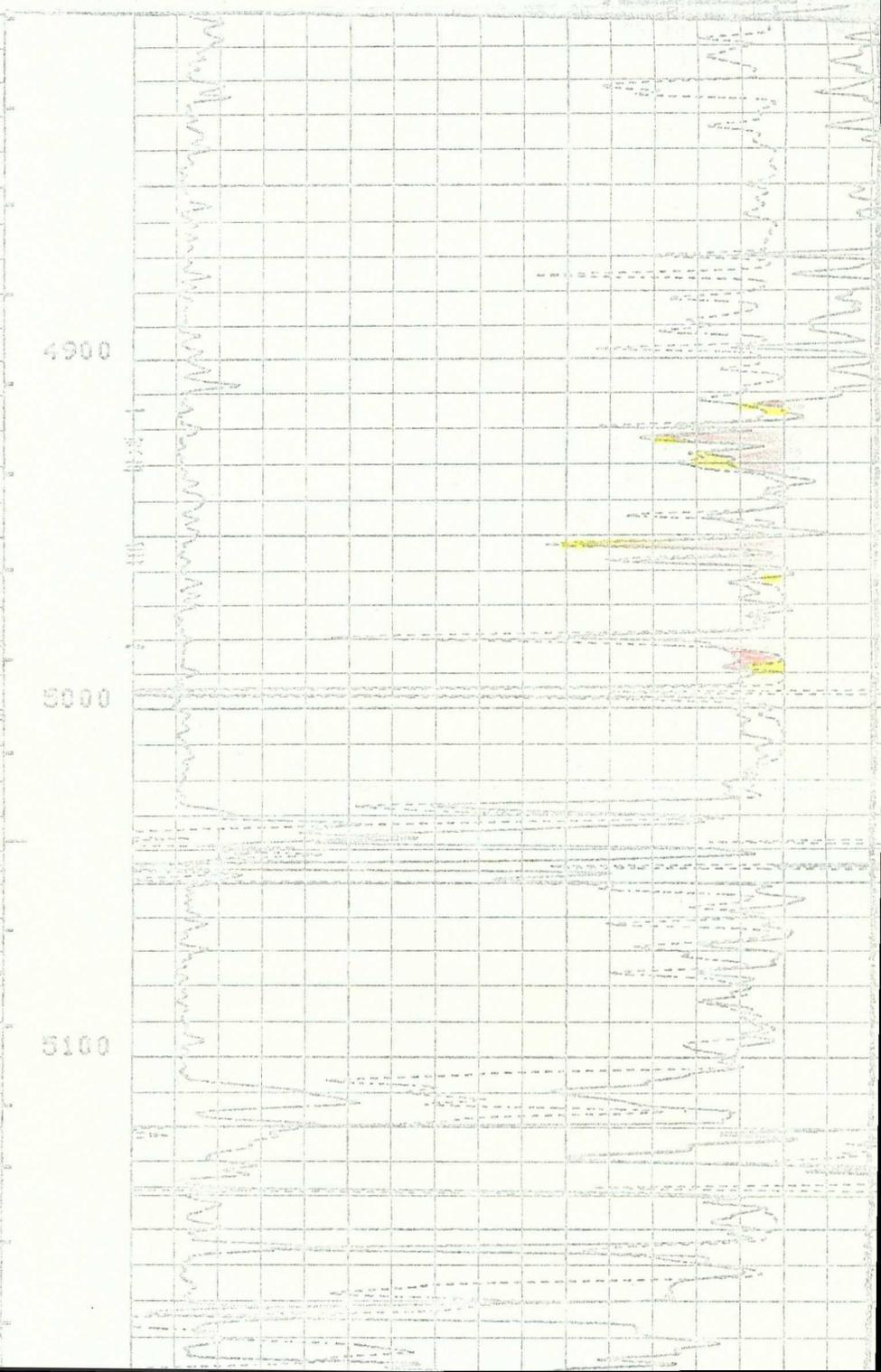
DEPTH-LOGGER: 8302.0 F

RTM, LOG INTERVAL: 8263.0 F

TOP LOG INTERVAL: 72.0 F

CASING-DRILLER: 1110.0 F

CASING-LOGGER: 1110.0 F



MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210  
TELEPHONE (505) 748-1471

S. P. YATES  
CHAIRMAN OF THE BOARD  
JOHN A. YATES  
PRESIDENT  
PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

*Case 9628*

February 14, 1989

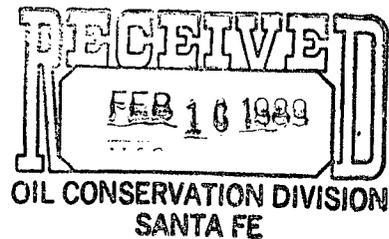
Attn: Mr. William J. Lemay

Early attention and approval would be greatly appreciated as we plan to drill the Richard Knob AEK St. #2 in March, 1989.

Thank you.

*Eddie M. Mahfood*  
Eddie M. Mahfood  
Senior Engineer

EEM/gb



MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210  
TELEPHONE (505) 748-1471

S. P. YATES  
CHAIRMAN OF THE BOARD  
JOHN A. YATES  
PRESIDENT  
PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

DATE 2-22-89

TO: Mike Stogner

FROM: Theresa Padilla

Number of pages including cover page: 3

If you do not receive all of these pages, please call 748-1471 ext \_\_\_\_\_.

MARTIN YATES, III  
1912 - 1989  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210  
TELEPHONE (505) 748-1471

S. P. YATES  
CHAIRMAN OF THE BOARD  
JOHN A. YATES  
PRESIDENT  
PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

February 23, 1989

New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504

ATTN: Mike Stogner

Dear Mr. Stogner:

With reference to our telephone conversation this afternoon, Yates Petroleum hereby makes application for administrative approval for re-entry of the Carper Drilling Company's Monsanto State No. 1, located 860 feet from North and East lines of Section 33 T17S R24E, Eddy County. Subject well was permitted for Max Wilson in February 1964 on 40-acre spacing and designated as State Marathon Well No. 1. The well was subsequently drilled as a Cisco-Canyon exploratory well to a depth of 7020 feet by Carper Drilling Company and plugged and abandoned in May 1964 not having encountered commercial oil pay.

The subject re-entry will be an extension of the Collins Ranch Wolfcamp gas field. Dedicated acreage would be the North half of Section 33 and Yates Petroleum is the operator of all offset acreage. As we discussed today, this application for administrative approval to produce from the shallow zones, (Wolfcamp), is considered a recompletion. The log on this well is attached with specific reference to the Wolfcamp.

This request for Administrative Approval of Unorthodox Gas well location is submitted as provided for under NMOCD Rule 104 F. This request for Administrative Approval to re-enter and produce from the shallow zones will be treated separately from our request of February 14, 1989, whereby we are requesting approval to deepen this well to the Morrow. The deepening will be treated separately at the March 15, 1989 scheduled hearing.

Should you have any questions, please do not hesitate to call. If you could telecopy the letter of administrative approval of our application tomorrow, we would greatly appreciate it.

Sincerely,

Theresa Padilla  
Petroleum Engineer

TP/cvg



# FIELD

## ACOUSTIC LOGGING

COMPANY *Open Well Lines, Inc.*  
WELL *Method State No. 2094*

FIELD *Midwest*

COUNTY *St. Louis* STATE *Missouri*

Location *St. Louis & E*

Sec. *22* Twp. *17 S* R. *9 E*

Oil Services  
*Ind. etc.*

Well \_\_\_\_\_ State \_\_\_\_\_  
FIELD \_\_\_\_\_  
County \_\_\_\_\_

Start Datum *Ground level* Elev. *790'*  
measured from *P.B.* 1/4 P. Above Perm. Carbon  
Measured from *P.B.* *5.15* *6.02*  
Well No. *7925*  
Log Int. *7077*  
Other *7283*

Scale *K5 380'*  
*05 3800'*  
*018 170'*

