

NSL 12/14/98

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

File No. (505) 748-4572

NOV 24 1998

November 19, 1998

Certified/Return Receipt

New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Attention: Mr. Michael E Stogner

Re: Administrative Application of Yates Petroleum Corporation for
Approval of an Unorthodox Gas Well Location, Eddy County New
Mexico

Dear Mr. Stogner:

Yates Petroleum Corporation in accordance with Division General Rule 104.F applies to the New Mexico Oil Conservation Division for approval of an unorthodox gas well location for any and all oil or gas production below the base of the San Andres formation for its proposed Dosequis "ASQ" Fed. Com. #1 to be drilled at an unorthodox gas well location of 660 feet from the South line and 660 feet from the East line (Unit O) of Section 30, Township 17 South, Range 27 East, NMPM, Eddy County, New Mexico and to be dedicated to a 320 acre spacing unit consisting of the S/2 of Section 30, and in support states:

- 1) Yates Petroleum Corporation (Yates) is the operator of subject well and is a working interest owner in the S/2 of Section 30. (See Exhibit # 1, Land Plat)
- 2) Yates proposes to drill its Dosequis "ASQ" Fed Com #1 at an unorthodox gas well location of 660 feet from the South line and 660 feet from the East line (Unit O) of Section 30, Township 17 South, Range 27 East, NMPM, Eddy County, New Mexico. (See Exhibit # 2, Acreage Dedication Plat)
- 3) The subject well is to be drilled at an unorthodox location in an attempt to penetrate the reservoir at the highest structural position possible based geological interpretation. (See Exhibit # 3, Geological Explanation)

- 4) Yates' geologic conclusion is that a well drilled at the closest standard location would not be at the optimum structural position to encounter the main thick in the area. (See Exhibit # 3, Geological Explanation)
- 5) The offset operator whose lease is being encroached on has waived objection to the drilling of the well at this location, a copy of this letter is enclosed. (See Exhibit # 4, Waiver from Nearburg Production Company)
- 6) Yates is an offset operator also being encroached on in adjoining and diagonal spacing units to this proposed well. (See Exhibit #1 and #5, Affected Parties)
- 7) Yates certifies that it has mailed by US Mail, certified, return receipt requested, a complete copy of this application, including the plat, to the affected parties in accordance Rule 1207A(5).

Wherefore, Yates Petroleum Corporation requests that this matter be approved administratively by the Division.

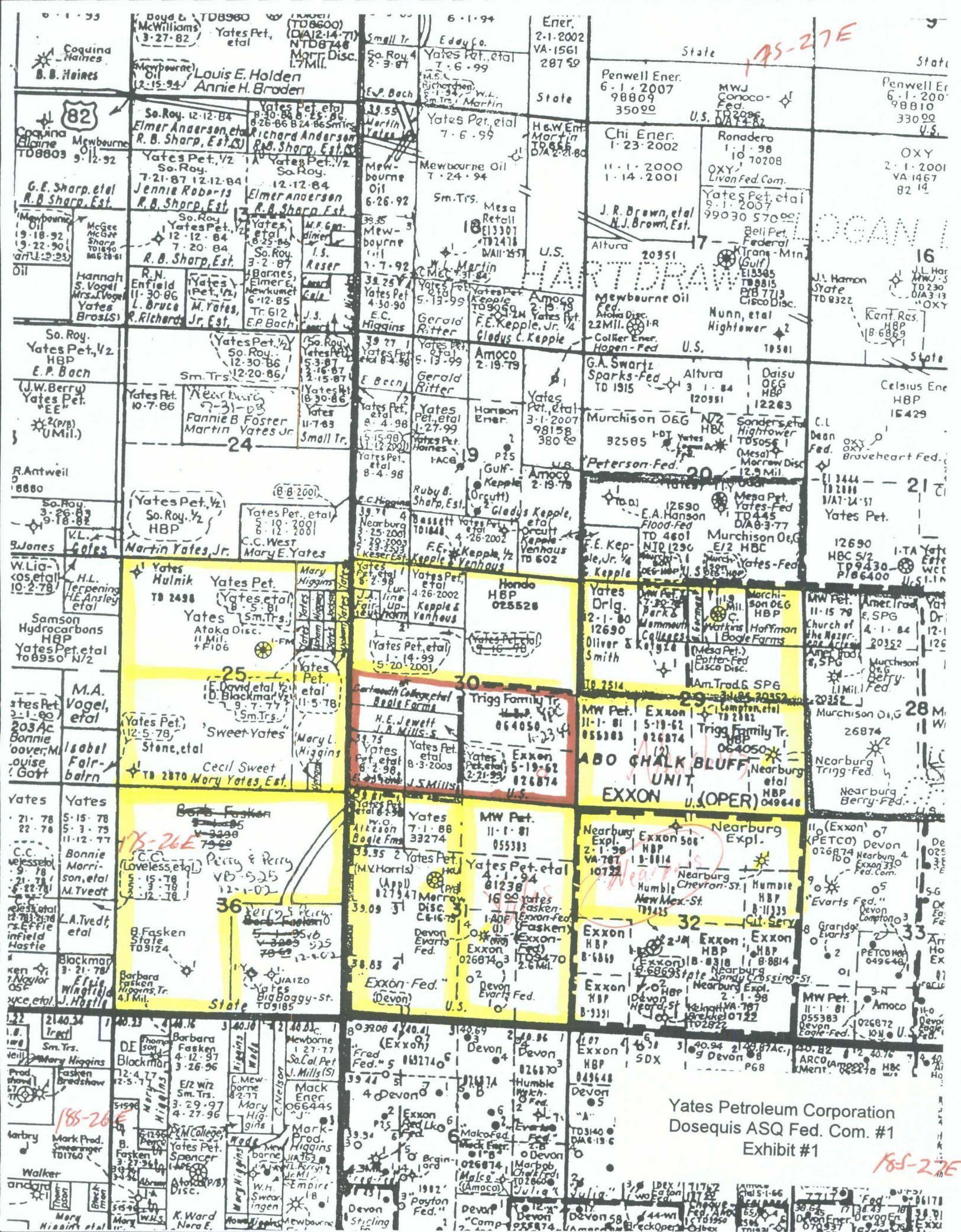
Respectfully submitted,

YATES PETROLEUM CORPORATION

A handwritten signature in cursive script, appearing to read "Chuck Moran", written in dark ink.

Chuck Moran
Landman

Enclosed: Exhibits #1 through #5



District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name Wildcat Morrow
Property Code	Property Name DOSEQUIS ASQ FEDERAL COM		Well Number 1
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION		Elevation 3422.

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	30	17-S	27-E		660	SOUTH	660	EAST	EDDY

¹¹ 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

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

16			

¹⁷ OPERATOR CERTIFICATION

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

Ken Bearlemphl
Signature
Ken Bearlemphl
Printed Name
Landman
Title
September 21, 1998
Date

¹⁸ 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 31, 1998
Date of Survey
Signature and Seal of Registered Surveyor
NEW MEXICO
5412

Yates Petroleum Corporation
Dosequis ASQ Fed. Com. #1
Exhibit #2

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

NECESSITY FOR UNORTHODOX LOCATION OF
YATES DOSEQUIS "ASQ" FEDERAL #1
S/2 Section 30-T17S-R27E
660' FS & E lines of Section

The necessity for this non-standard location is based on geologic conditions prevailing in the primary objective Lower Morrow Clastics interval.

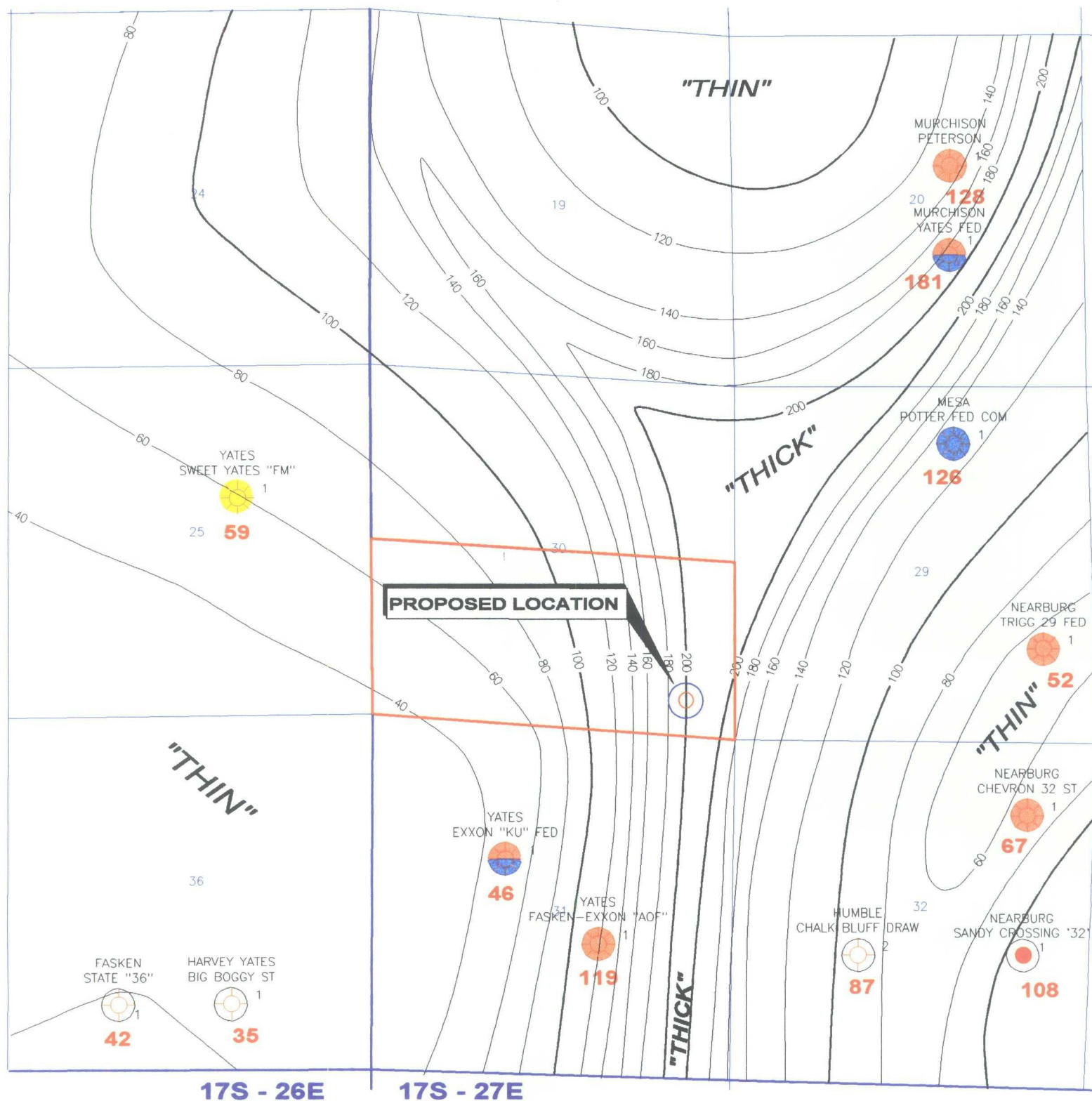
The map exhibit is an isopach map of the Lower Morrow Clastics. Double circled spots are Morrow penetrations. The contour interval is 20 feet. The spacing unit is outlined in red and the proposed location is pointed out.

The isopach map depicts the varying thickness of the Lower Morrow to Mississippian unconformity interval in the environs of the subject proration unit. Contouring of the available well control shows that the proposed location is near the axis of the main "thick" in the area. Experience in this area has shown that wells in or near "thicks" have a much better chance of encountering Lower Morrow alluvial channel sand reservoirs capable of producing very good economic volumes of gas.

An exhibit showing a table of production is included.

The proposed location should encounter approximately 200 feet of Lower Morrow interval which is more than adequate to accommodate an alluvial sand channel capable of producing economic volumes of gas.

OPERATOR	WELL NAME	LOCATION	FORMATION OR ZONE	CUM PUBLISHED 10/98			DATE LAST		LAST DAILY PROD.		
				OIL	GAS	WATER	PROD.		OIL	GAS	WATER
Yates Petroleum	Sweet Yates FM #1	25G-17S-26E	Kennedy Farms - Atoka	5296	1,639,689	678	Aug-98		0	124	0
Murchison Oil & Gas	Peterson Federal Com #1	20G-17S-27E	Logan Draw - Morrow	13,806	5,696,374	9,670	Apr-98		0	21	4
Murchison Oil & Gas	Yates Federal #1	20J-17S-27E	Logan Draw - Cisco-Canyon	1,476	519,492	339	Apr-98		1	214	1
			Logan Draw - Morrow	374	180,205	246	Feb-94		**	**	**
Murchison Oil & Gas	Potter Fed Com #1	29B-17S-27E	Logan Draw - Cisco-Canyon	16,469	892,599	859	Jul-98		0	11	0
Nearburg Producing	Trigg 29 Fed Com #1	29I-17S-27E	Logan Draw - Morrow	2,373	281,656	1,159	Jul-98		2	305	1
Yates Petroleum	Exxon KU Fed #1	31F-17S-27E	Logan Draw - Cisco-Canyon	1,092	183,415	123	Sep-98		0	27	0
			Red Lake - Penn	121	37,800	0			**	**	**
Yates Petroleum	Fasken Exxon AOF Fed #1	31J-17S-27E	Logan Draw - Morrow	316	146,761	331	Sep-98		0	75	1
Nearburg Producing	Chevron 32 St Com #1	32A-17S-27E	Logan Draw - Morrow	1,030	225,832	127	Jun-98		3	759	1



LEGEND

⊙ Morrow Penetration

119 Thickness of L. Morrow to Mississippian
Unconformity Interval

● Morrow Gas Well

● Atoka Gas Well

● Cisco Canyon Gas Well

⊙ Morrow Penetration

Plugged back to San Andres

Isopach Contours

20 foot Contour Interval

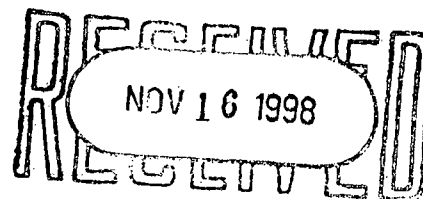
SCALE: 1" = 2000'

Yates Petroleum Corporation
Dosequis ASQ Fed Com #1
Exhibit #3
Page 3 of 3

Nearburg Producing Company

Exploration and Production
3300 North "A" Street
Building 2, Suite 120
Midland, Texas 79705
915/686-8235
Fax 915/686-7806

November 11, 1998



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

ATTN: Mr. Chuck Moran

Re: Yates Dosequis "ASQ" Federal Com. #1 Well
T-17-S, R-27-E, Section 30: E/2
660' FSL and 660' FEL
Eddy County, New Mexico
Logan Draw Prospect

Gentlemen:

This letter shall serve as Nearburg Producing Company's waiver of objection to Yates proposed unorthodox location for the captioned well. If you have any questions, please call me.

Very truly yours,


Michael M. Gray
Senior Landman

MMG/dw
encl.

Yates Petroleum Corporation
Dosequis ASQ Fed. Com. #1
Exhibit #4

LIST OF AFFECTED PARTIES
Dosequis ASQ Fed. Com #1
Township 17 South, Range 27 East N.M.P.M.
Section 30: S/2

Township 17 South, Range 27 East, N.M.P.M.

Section 29: S/2

Well:	Trigg Fed. Com. #2 (NESE)
Operator:	Nearburg Producing Company 3300 North "A" Street Midland, Texas 79705

Section 32: N/2

Well:	Chevron St. #1 (NENE)
Operator:	Nearburg Producing Company (Same as above)

Section 31: E/2

Well:	Fasken Exxon AOF Fed. Com. #1 (NWSE)
Operator:	Yates Petroleum Corporation

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

B. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

2. NAME OF OPERATOR

YATES PETROLEUM CORPORATION

3. ADDRESS AND TELEPHONE NO.

105 South Fourth Street, Artesia, New Mexico 88208

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

660' FSL and 660' FEL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

Approximately 8.5 miles southeast of Artesia, New Mexico

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

80

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

9400'

20. ROTARY OR CABLE TOOLS

Rotary

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

3422' GR

22. APPROX. DATE WORK WILL START

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	1400'	500 sx Circulate
8 5/8"	4 1/2"	11.6#	9400'	300 sx Circulate to tie back to TOC approx. 7800'

Yates Petroleum Corporation proposes to drill and test the Morrow and intermediate formations. Approximately 1400' of surface casing will be set and cement circulated. Approximately 9400' of production casing will be run and cemented back to the top of the cement at approximately 7800'. If commercial production casing will be perforated and stimulated as needed for production.

NSL-

MUD PROGRAM: FW 0-1400'; 1400'-4700' FW Gel; 4700'-8300' Cut Brine; 8300'-TD Salt Gel/Starch/Polymer/Drispac/2% KCL

BOPE PROGRAM: BOPE will be installed on the 8 5/8" casing and tested daily for operational.

ROSWELL CONTROLLED WATER BASIN

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

24.

SIGNED

Ken Beardsley

TITLE Landman

DATE September 21, 1998

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval 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.

CONDITIONS OF APPROVAL, IF ANY:

Acting

Assistant Field Office Manager,
Lands and Minerals

(ORIG. SGD.) ARMANDO A. LOPEZ

OCT 26 1998

APPROVED BY

TITLE

DATE

*See Instructions On Reverse Side

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name Wildcat Morrow
Property Code	Property Name DOSEQUIS ASQ FEDERAL COM		Well Number 1
GRID No. 025575	Operator Name YATES PETROLEUM CORPORATION		Elevation 3422.

10 Surface Location

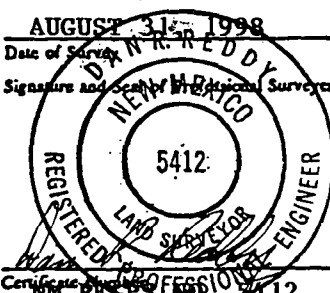
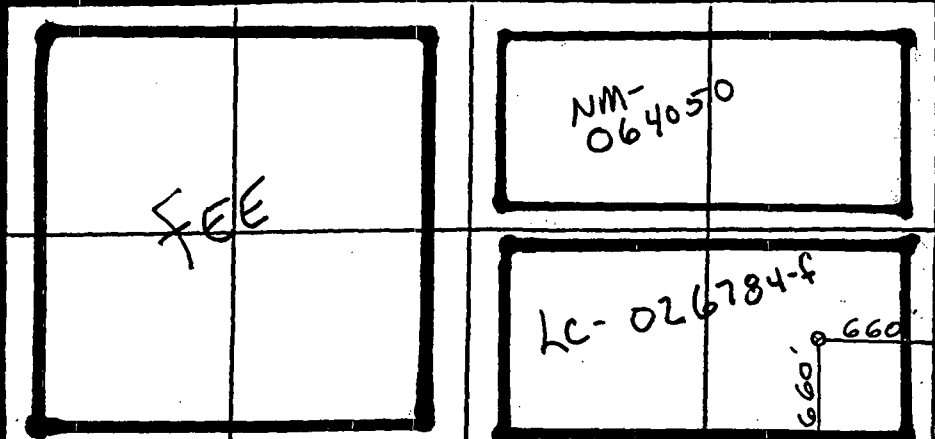
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
P	30	17-S	27-E		660	SOUTH	660	EAST	EDDY

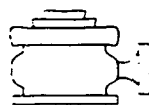
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 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

16				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Ken Beardeemphl Printed Name Landman Title September 21, 1998 Date			
				18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was placed 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 31, 1998 Date of Survey Signature and Seal of Professional Surveyor: 			
							



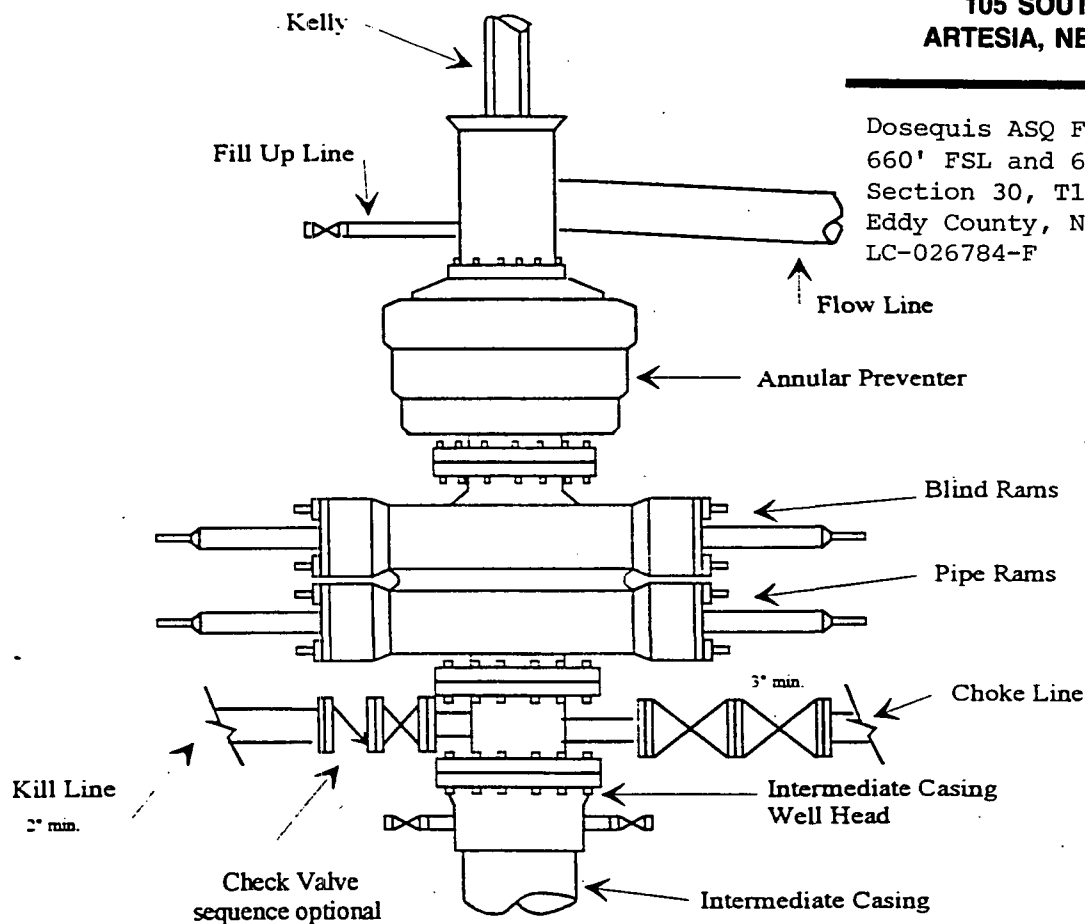
Yates Petroleum Corporation

BOP-3

Typical 3,000 psi Pressure System
Schematic
Annular with Double Ram Preventer St

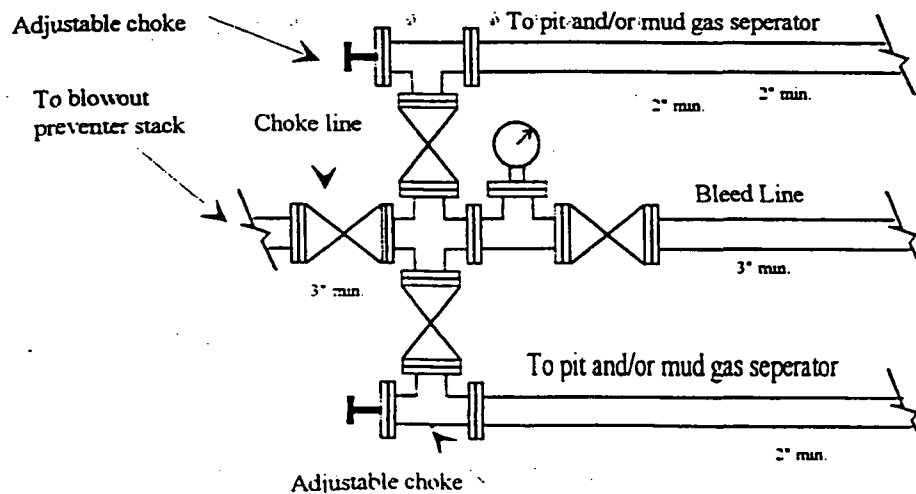
Yates Petroleum Corporation

105 SOUTH 4th STREET
ARTESIA, NEW MEXICO 88210



Dosequis ASQ Federal Com. #1
660' FSL and 660' FEL
Section 30, T17S-R27E
Eddy County, New Mexico
LC-026784-F

Typical 3,000 psi choke manifold assembly with at least these minimum features



CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/25/98 11:02:59
OGOIV -EMF3
PAGE NO: 1

Sec : 30 Twp : 17S Rng : 27E Section Type : NORMAL

1 39.79	C 40.00	B 40.00	A 40.00
Fee owned	Fee owned	Federal owned	Federal owned
2 39.78	F 40.00	G 40.00	H 40.00
Fee owned	Fee owned	Federal owned	Federal owned

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/25/98 11:03:09
OGOIV -EMF3
PAGE NO: 2

Sec : 30 Twp : 17S Rng : 27E Section Type : NORMAL

3 39.76 Fee owned	K 40.00 Fee owned	J 40.00 Federal owned	I 40.00 Federal owned
4 39.75 Fee owned	N 40.00 Fee owned	O 40.00 Federal owned	P 40.00 Federal owned A

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

79.51
8
159.51
16
319.51

County Eddy

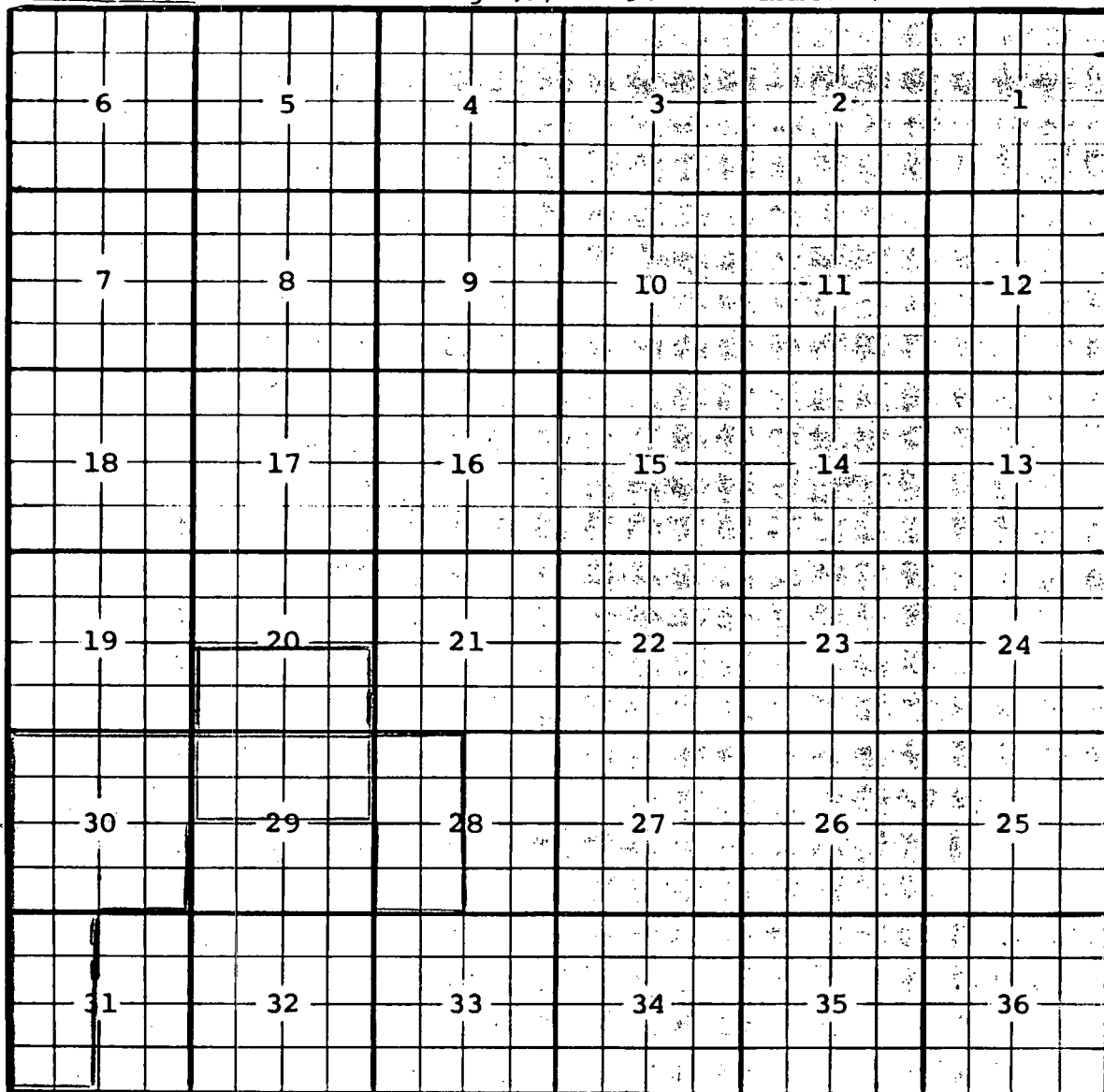
Pool Logan Draw

Cisco-Canyon Gas

TOWNSHIP 17 South

Range 27 East

NMPM



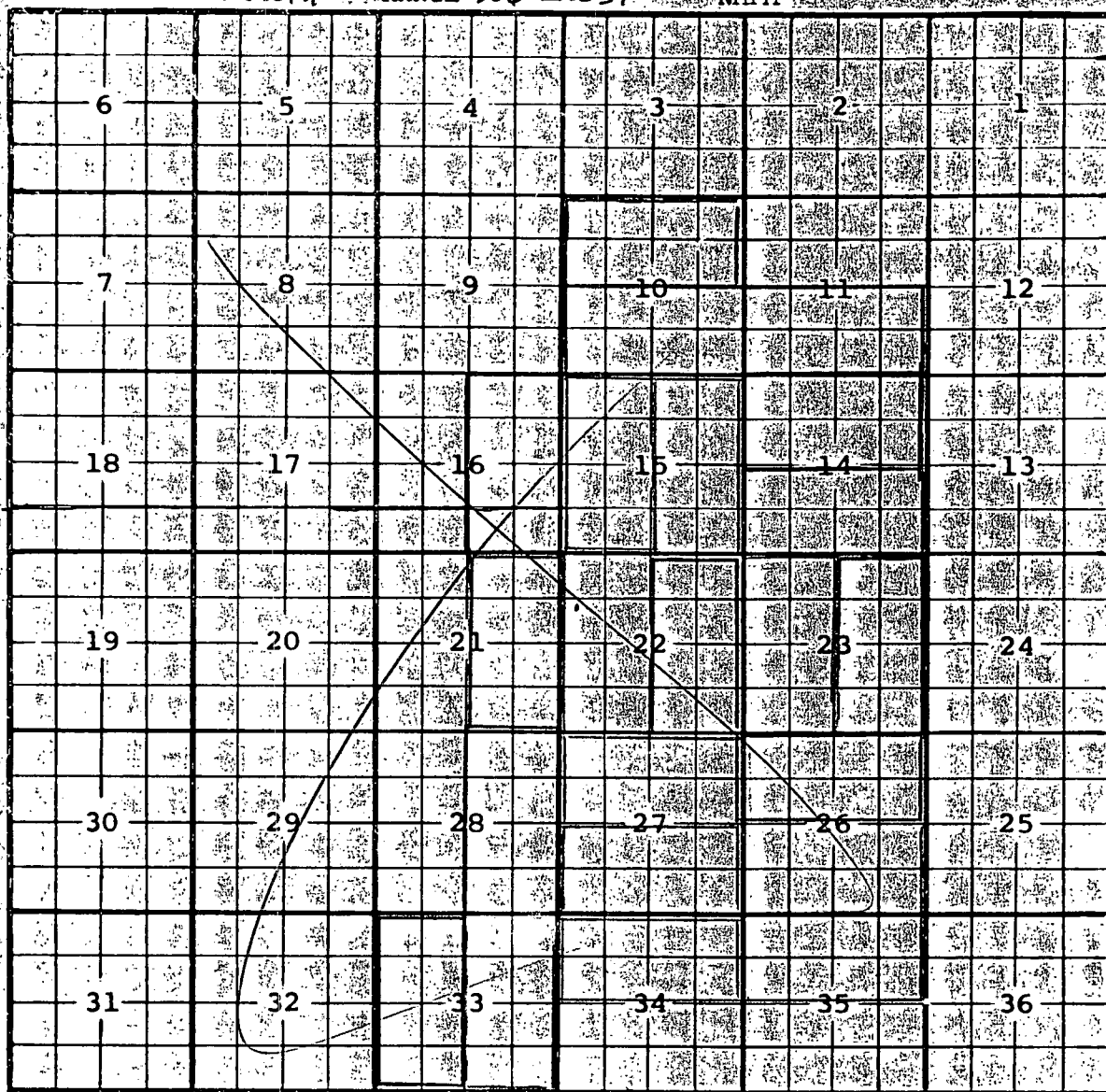
Description: $\frac{1}{2}$ Sec 29 (R-5911, 2-1-79)

Ext: W $\frac{1}{2}$ Sec 28 (R-6033, 7-1-79) Ext: $\frac{1}{2}$ Sec 20 (R-6169, 11-1-79)

Ext: All Sec. 30, W $\frac{1}{2}$ Sec. 31 (R-7758, 12-13-84)

COUNTY Eddy POOL Kennedy Farms - Morrow Gas

TOWNSHIP 17 South RANGE 26 East NMPM



Description: $\frac{N}{2}$ Sec 34 (R-4809, 6-18-74)

Ext: $\frac{S}{2}$ Sec 27 (R-4937, 2-1-75) Ext: $\frac{N}{2}$ Sec 27 (R-4969, 4-1-75)

Ext: $\frac{E}{2}$ Sec 22, $\frac{W}{2}$ Sec 23 (R-5015, 6-1-75)

Ext: $\frac{N}{2}$ Sec 26 (R-5102, 10-1-75) Ext: $\frac{E}{2}$ Sec 15 (R-5204, 5-1-76)

Ext: $\frac{W}{2}$ Sec 15, $\frac{W}{2}$ Sec 22 (R-5456, 7-1-77)

Ext: $\frac{S}{2}$ Sec 26, $\frac{N}{2}$ Sec 35 (R-5667, 4-1-78) Ext: $\frac{E}{2}$ Sec 21 (R-5754, 7-1-78)

Ext: $\frac{E}{2}$ Secs 28 & 33 (R-5838, 11-1-78)

Ext: $\frac{S}{2}$ Sec 10, $\frac{S}{2}$ Sec 11, $\frac{E}{2}$ Sec 16 (R-6033, 7-1-79)

Ext: $\frac{N}{2}$ Sec 10 (R-6994, 5-28-82) Ext: $\frac{E}{2}$ Sec 23 (R-7279, 5-17-83)

Ext: $\frac{W}{2}$ Sec 33 (R-8229, 5-19-86) Ext: $\frac{S}{2}$ Sec 14 (R-9418, 2-1-91)

Ext: $\frac{N}{2}$ Sec. 14 (R-9578, 9-10-91)

County Eddy Pool Kennedy Farms-Morrow Gas

TOWNSHIP 18 South Range 26 East NMPM

A 36x36 grid with a 6x6 sub-grid highlighted in the top-left corner. The grid is numbered 1 to 36 in a row-major order, starting from the top-left cell (row 1, column 1) and ending at the bottom-right cell (row 36, column 36). The 6x6 sub-grid is defined by the first 6 rows and the first 6 columns.

Ext. W/2 Sec. 4 (R-8229, 5-19-86)

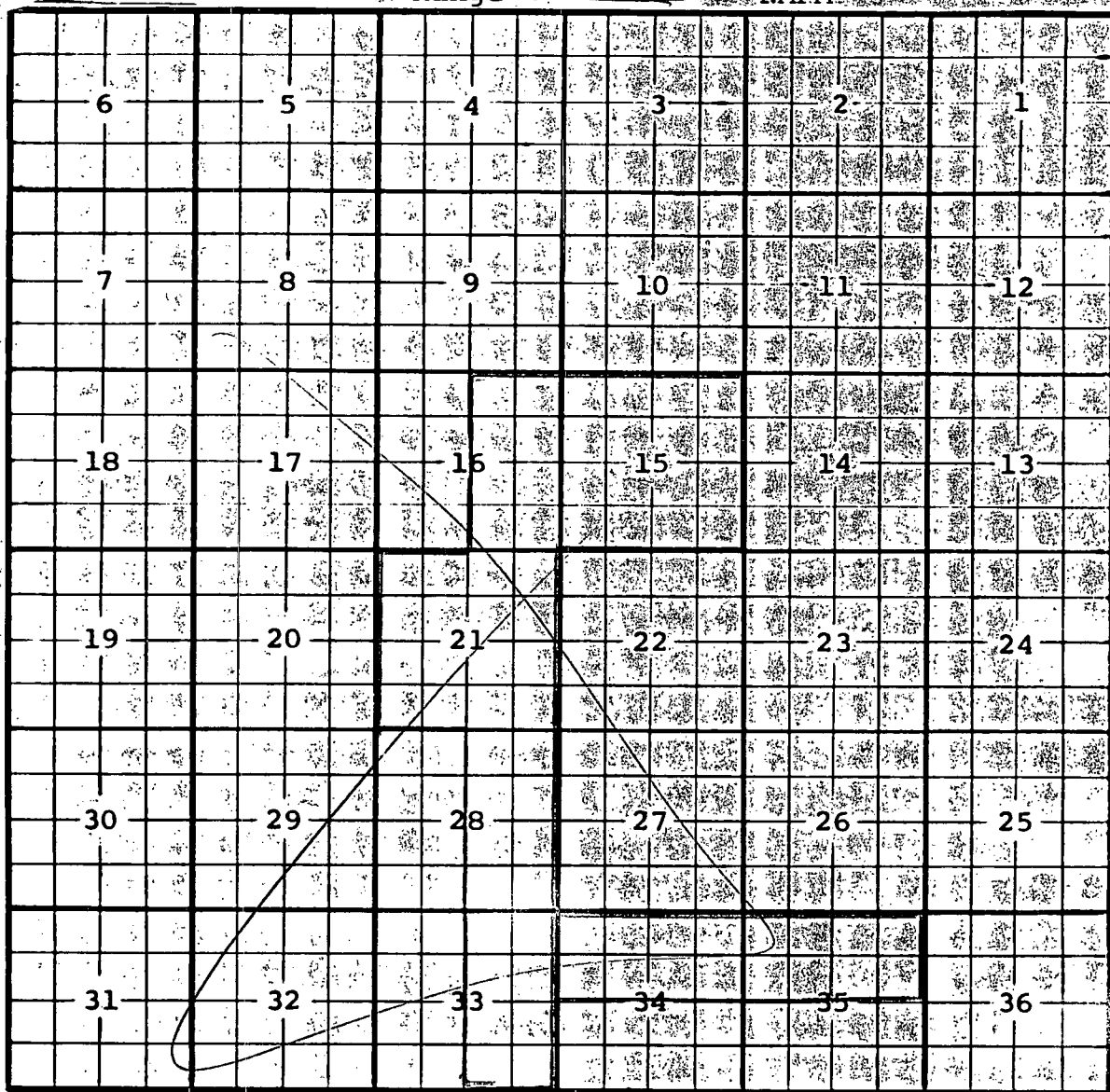
County Eddy

Pool KENNEDY FARMS - UPPER PENNSYLVANIAN GAS

TOWNSHIP 17 South

Range 26 East

NMPM



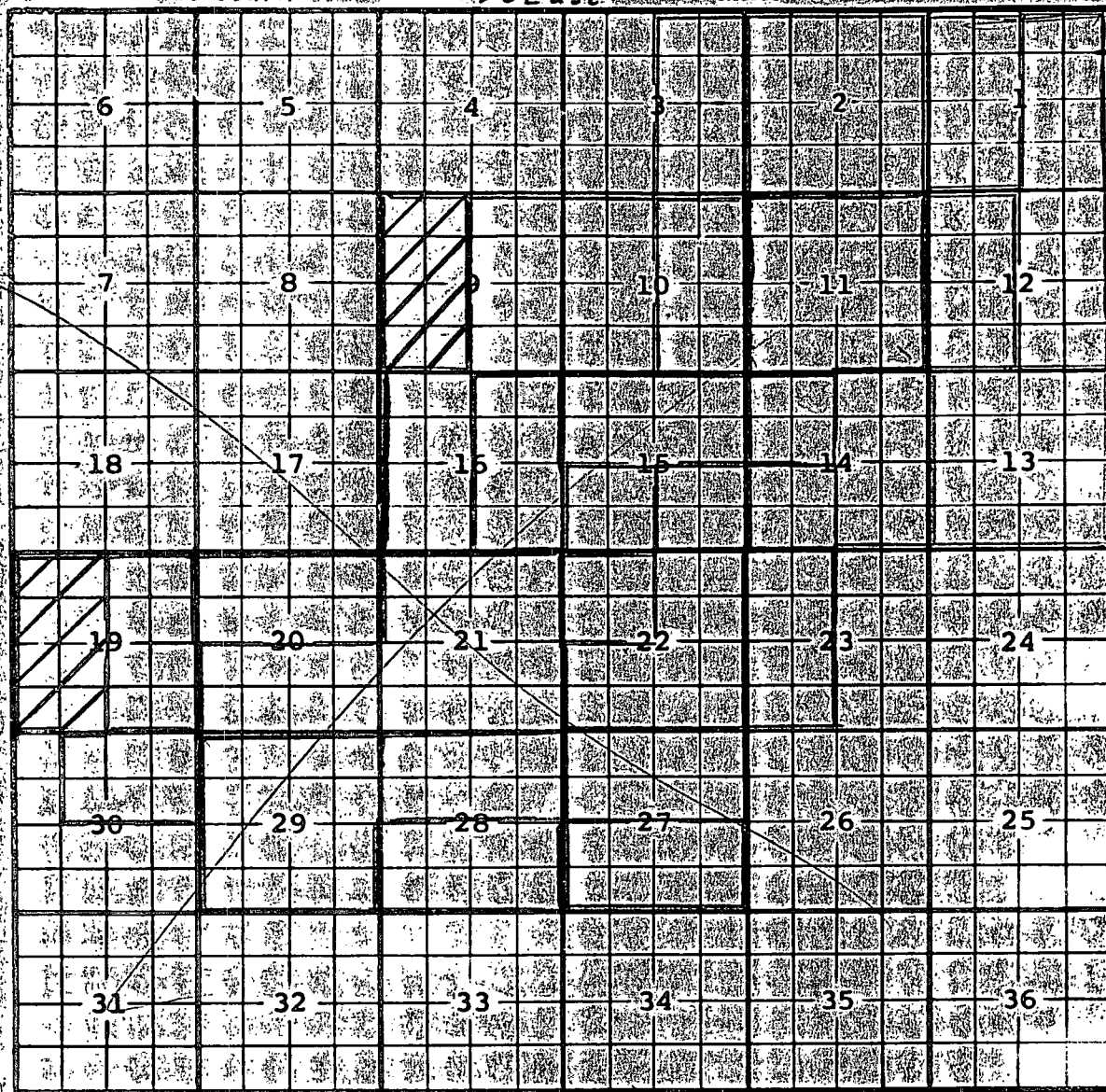
Description: All Sec. 15, $\frac{1}{2}$ Sec. 16, All Sec. 21, $\frac{1}{2}$ Sec. 28, $\frac{1}{2}$ Sec. 33
(R-6274, 3-1-80)

Ext: $\frac{1}{2}$ Sec. 34, $\frac{1}{2}$ Sec. 35 (R-6838, 11-8-81)

POOL *Atoka - Pennsylvanian Ga.*

RANGE 26 East

NMPM



Description: SW Sec. 14 (R-1171, 5-5-58)

Ext: $\frac{SE}{4}$ Sec. 15 (R-134, 3-1-59) - $\frac{NE}{4}$ $\frac{1}{2}$ Sec. 22 (R-1572, 2-1-60) - $\frac{N}{2}$ Sec. 27 (R-1633, 4-1-60)

- $\frac{N}{E}$ Sec. 28. All Sec. 29 (R-1417-A 5-25-60) - $\frac{W}{2}$ Sec 33 (R-1840 1-1-61) - $\frac{S}{2}$ Sec. 20;

All Sec. 21 (R-1878, 3-1-61) - $\frac{NW}{4}$ Sec. 22 (R-210111-1-61) - $\frac{NW}{4}$ Sec. 14, $\frac{SW}{4}$ Sec. 15;

$$\frac{1}{2} \text{ Sec } 28(R-2201, 4-1-62) - \frac{1}{2} \text{ Sec } 19(R-2241, 6-1-62) - \frac{NE}{4} \pm \frac{1}{2} \frac{NW}{4} \text{ Sec } 30(R-2512, 9-1-63)$$
$$-\frac{N}{2} \text{Sec. 16 (R. 2781, 11-1-64)} - \frac{N}{2} \text{Sec. 15 (R. 3495, 3-1-67)} - \frac{N}{2} \text{Sec. 20 (R. 3342, 12-1-67)}$$

- $\frac{W}{2}$ Sec. 19(R-4080, 1-1-71) Deletion: $\frac{W'}{2}$ Sec. 19(R-4162, 7-7-71)

Ext: All Sec 11 (R-4304, 6-1-72) Ext: w/2 Sec 12 (R-4782, 6-1-72)

Ext: E/2 Sec 10 (R-4861, 11-1-74)

Ext: $\frac{E}{2}$ Sec 1, $\frac{E}{2}$ Sec 12 (R-4969, 4-1-75) Ext: All Sec 2 (R-5015, 6-1-75)

Ext. $\frac{W}{2}$ Sec 1, $\frac{E}{2}$ Sec 3 (R-5124, 12-1-75) Ext. All Sec 13 (R-5204, 5-1-76)

Ext: $E_{1/2}$ Sec 14 (R-5361, 3-1-77) Est: $S_{1/2}$ Sec 27 (R-6169, 11-1-79)

Ext. All Sec 9, w/2 Sec 10 (R-6576, 2-10-81) Ext. w/2 sec 16 (R-6912, 3-5-82)

CONTRACT: w/2 SEC 9 (R-9133 3-13-90)

County EDDY

Pool RED LAKE - PENNSYLVANIAN GAS

TOWNSHIP

17 SOUTH

Range

21 EAST

NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Und.

Ext: $\frac{1}{2}$ Sec. 31 (R-6170, 11-1-79)

County Eddy Pool Red Lake - Pennsylvanian Gas

TOWNSHIP 18 South

Range 26 East

NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Ext: $\frac{E}{2}$ Sec 24 (R-5171, 4-1-76)

COUNTY Eddy

POOL

Red Lake - Pennsylvanian Gas

TOWNSHIP

18-South

RANGE

27-East

NMFM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Description: All Sec. 5, (R-986, 4-29-57).

Ext: $\frac{NE}{4}$ Sec. 8, (R-1340, 3-1-59). - $\frac{SE}{4}$ Sec. 8, $\frac{NE}{4}$ Sec. 17,

(R-1532, 12-1-59). Ext: $\frac{S}{2}$ Sec 7, $\frac{W}{2}$ Sec 8 (R-4734, 3-1-74)

Ext: $\frac{N}{2}$ Sec 18 (R-4821, 8-1-74) Ext: $\frac{S}{2}$ Sec 18 (R-4969, 4-1-75)

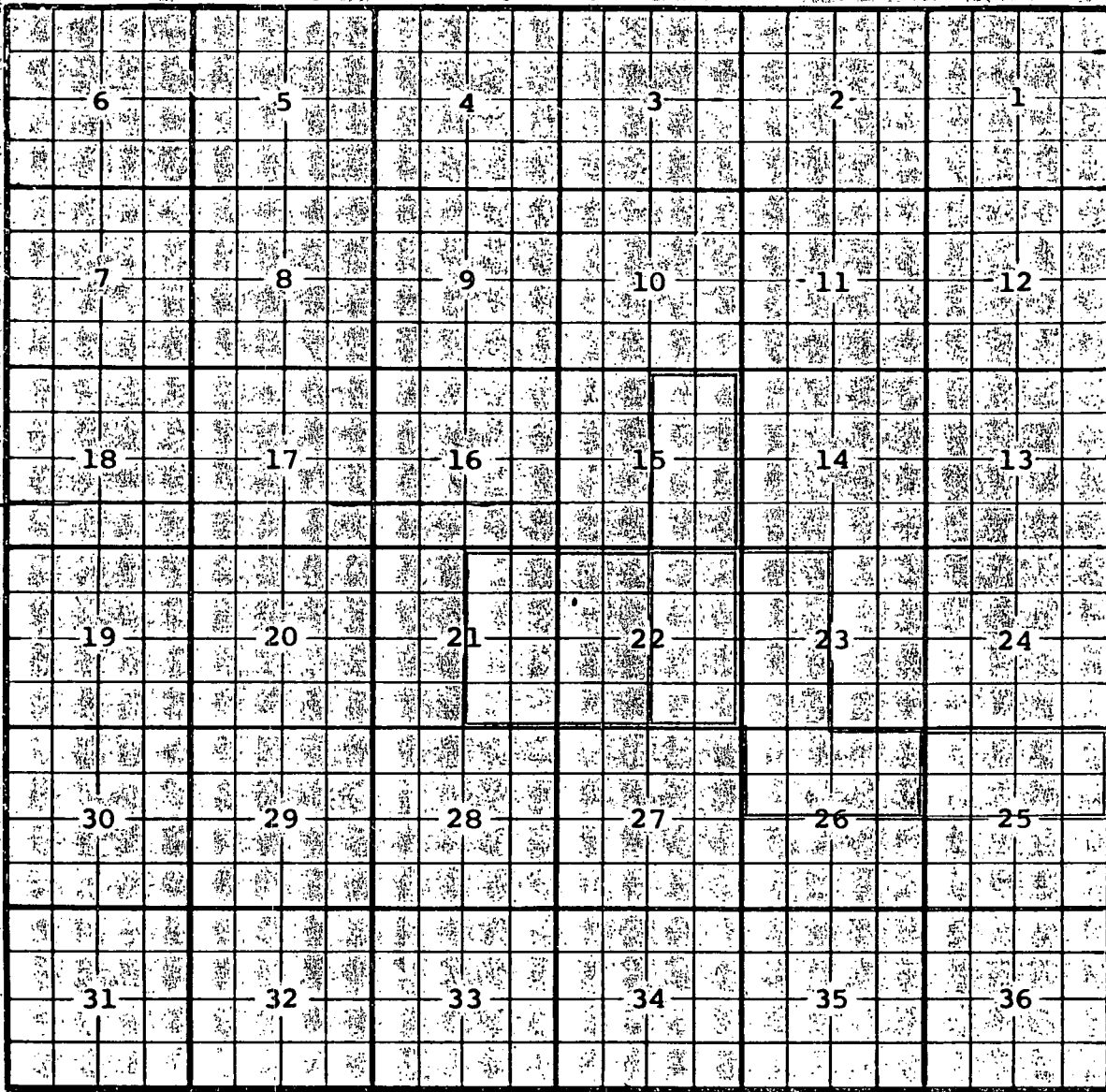
Ext: $\frac{N}{2}$ Sec 7 (R-5102, 10-1-75) Ext: All Sec 6, $\frac{W}{2}$ Sec 19 (R-5171, 4-1-76)

Ext: $\frac{N}{2}$ Sec 29, $\frac{N}{2}$ Sec 30 (R-5361, 3-1-77) Ext: $\frac{E}{2}$ Sec 19, -

- $\frac{W}{2}$ Sec 20 (R-5838, 11-1-78) Ext: $\frac{S}{2}$ Sec. 29 (R-6420, 8-1-80)

COUNTY Eddy POOL Kennedy Farms - Atoka Gas

TOWNSHIP 17 South RANGE 26 East NMPM

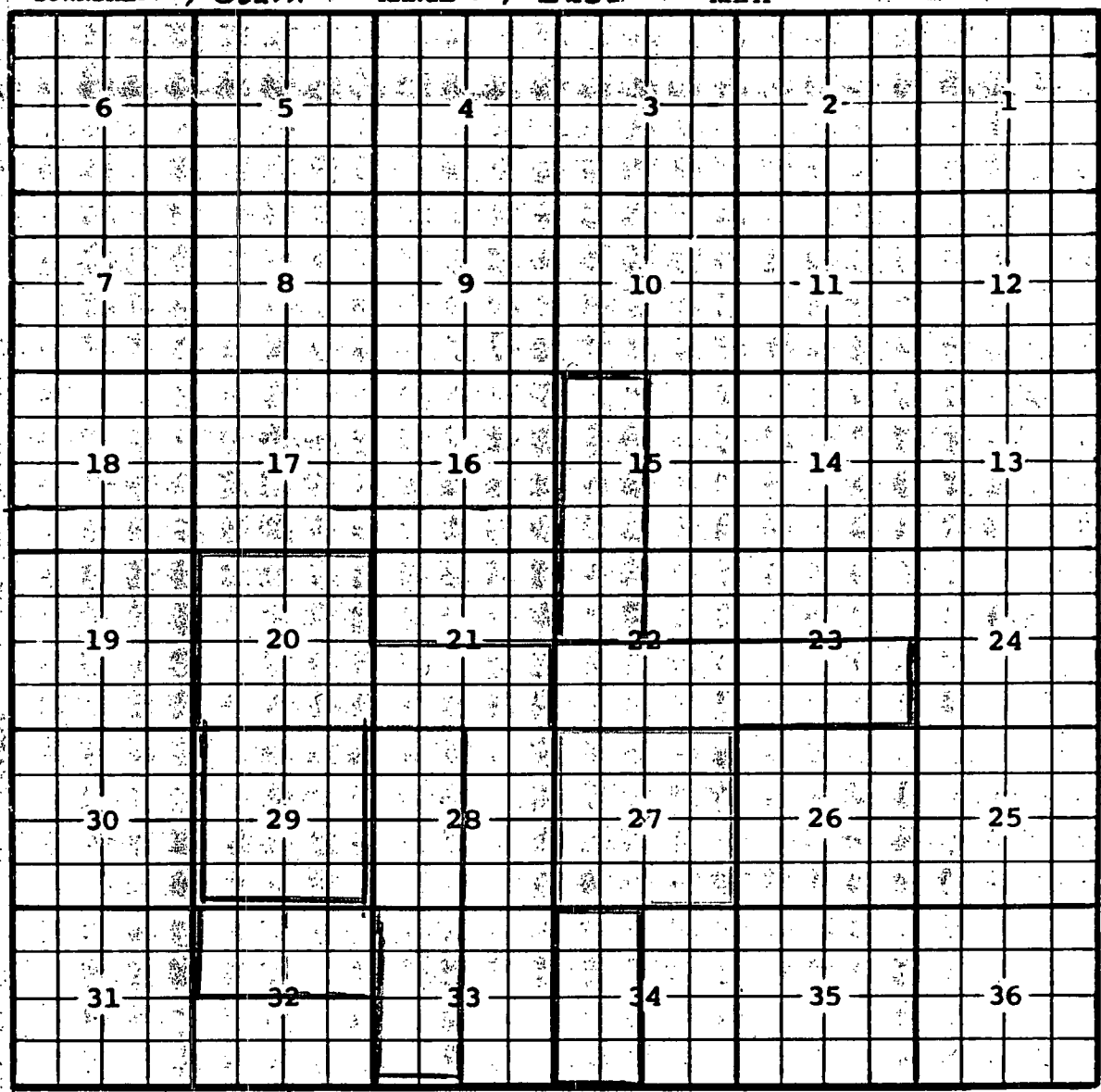


Und

Description: $\frac{E}{2}$ Sec 22 (R-5056, 8-1-75)
Ext: $\frac{N}{2}$ Sec 26, $\frac{W}{2}$ Sec 23 (R-5102, 10-1-75)
Ext: $\frac{N}{2}$ Sec 25 (R-5226, 7-1-76) Ext: $\frac{E}{2}$ Sec 15, $\frac{E}{2}$ Sec 21, -
 $\frac{W}{2}$ Sec 22 (R-5754, 7-1-78)

COUNTY Eddy POOL Logan Draw - Morrow Gas

TOWNSHIP 17 South RANGE 27 East NMPM



Und

Description: $\frac{W}{2}$ Sec. 34 (R-3758, 6-1-69)

Ext: All Sec 27 (R-4734, 3-1-74) Ext: All Sec. 20, $\frac{S}{2}$ Sec. 21,

$\frac{E}{2}$ Sec. 28, $\frac{E}{2}$ Sec. 33 (R-6328, 5-1-80) Ext: All Sec. 29 (R-10619, 7-2-96)

Ext: $\frac{W}{2}$ Sec. 28, $\frac{W}{2}$ Sec. 33 (R-10787, 4-9-97)

Ext: $\frac{N}{2}$ Sec. 32 (R-10822, 6-16-97) Ext: $\frac{S}{2}$ Sec. 22, $\frac{S}{2}$ Sec. 23 (R-10844, 7-16-97)

Ext: $\frac{W}{2}$ Sec. 15, $\frac{W}{4}$ Sec. 22 (R-11013, 7-30-98)

County Eddy

Pool West Logan Draw - Morrow Gas

17 South

Range

27 East

NMPM

Vnd.

Description: $\frac{E}{2}$ Sec. 31 (R-10124, 5-31-94)

17-27

~~Grow Flats-Morrow Gas 320~~
~~Dausherity Grayburg-San Andres 40~~
~~Empire-Abo 40~~
~~Empire-Grayburg Gas 160~~
~~Empire-Paddock 40~~
~~Empire-Queen 40~~
~~Empire-Yates-Seven Rivers 40~~
~~Logan Draw-Atoka Gas 320~~
~~Logan Draw Cisco-Canyon Gas 320~~
~~Logan Draw-Morrow Gas 320~~
~~Logan Draw-San Andres 40~~
~~Logan Draw-Wolfcamp Gas 160~~
~~Red Lake-Pennsylvanian Gas 320~~
~~Red Lake-Queen-Grayburg-San Andres 40~~
~~Hart Draw-Atoka Gas 320-acre~~
~~Jennings Spring-Wolfcamp Gas 320-acre~~
~~North Illinois Camp-Morrow Gas 320~~
~~West Logan Draw-Morrow Gas 320~~

17-26

~~East Eagle Creek Atoka-Morrow Gas 320~~
~~Eagle Creek-Strawn Gas 320~~
~~Kennedy Farms-Atoka Gas 320~~
~~Kennedy Farms-Morrow Gas 320~~
~~Kennedy Farms-Upper Pennsylvanian Gas 320~~
~~POM-Morrow Gas 320~~
~~P.O.W.-Strawn Gas 320~~
~~Riverside-Atoka Gas 320~~
~~Three Mile-San Andres 40~~
~~Eagle Creek-Permo Pennsylvanian Gas 320~~

18-26

~~Atoka Glorieta-Yeso 3~~
~~Atoka-Grayburg 40~~
~~West Atoka-Morrow Gas 320~~
~~Atoka-Pennsylvanian Gas 320~~
~~Atoka-San Andres 40~~
~~Dayton-Abo 40~~
~~Dayton-Grayburg 40~~
~~Dayton-San Andres 40~~
~~West Dayton-San Andres 40~~
~~East Eagle Creek Atoka-Morrow Gas 320~~
~~Eagle Creek-Strawn Gas 320~~
~~Five Mile-Yeso 40~~
~~Penasco Draw San Andres-Yeso Associated 40-320~~
~~Red Lake-Pennsylvanian Gas 320~~
~~Red Lake-Queen-Grayburg-San Andres 40~~
~~Kennedy Farms-Morrow Gas 320~~
~~Dayton-Wolfcamp Gas Pool 40~~
~~Dayton-Strawn Gas 320~~
~~Westport Red Lake - Glenada Yeso 40~~

18-27

~~Artesia Queen-Grayburg-San Andres 40~~
~~Red Lake Atoka-Morrow Gas 320~~
~~Atoka-San Andres 40~~
~~Chalk Bluff-Wolfcamp 40~~
~~East Dayton-Grayburg 40~~
~~East Dayton-Yeso 40~~
~~Empire-Abo 40~~
~~Empire-Yates-Seven Rivers 40~~
~~East Lake-Morrow Gas 320~~
~~Red Lake-Pennsylvanian Gas 320~~
~~Red Lake-Queen-Grayburg-San Andres 40~~
~~Scoggin Draw-Atoka Gas 320~~
~~Scoggin Draw-Morrow Gas 320~~
~~Seeggin Draw-Strawn Gas 320~~
~~Kaiser Ranch-Strawn Gas 320~~
~~Red Lake Glorieta-Yeso 40-acre~~
~~North Illinois Camp-Morrow Gas 320~~
~~East Red Lake-Upper Pennsylvanian Gas 320~~
~~Red Lake-Strawn 40~~