

1/14/97	2/3/97	MS	KV	NSL
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ABOVE THIS LINE FOR DIVISION USE ONLY

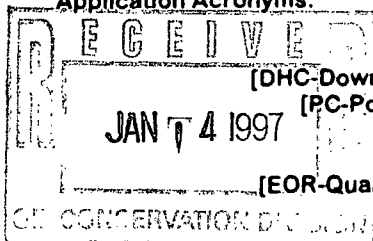
NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:



[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
 [DD-Directional Drilling] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

☒ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☒ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Richard E. Foppiano
Print or Type Name

Richard E. Foppiano
Signature

Regulatory Affairs Advisor
Title

1/8/97
Date



OXY USA Inc.
P.O. Box 50250, Midland, TX 79710-0250

January 8, 1997

State of New Mexico
Energy & Minerals Department
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Attention: Mr. Michael E. Stogner, Hearing Examiner

**RE: Application of OXY USA Inc. for Unorthodox Gas Well Location
for the OXY Mako State Com. #1, 1370 FSL 1650 FEL Sec 5 T19S
R29E, Undesignated North Turkey Track Morrow, Eddy County, NM**

Dear Sir:

OXY USA Inc. respectfully requests administrative approval of this application for the subject unorthodox gas well location. The surface location was staked 50' from an interior quarter-quarter section line, this was done to place the well as far as possible from an old dry hole Morrow well.

OXY owns no rights above the Wolfcamp and is requesting NSL authority for all zones below the top of the Wolfcamp to the base of the Morrow, including but not limited to:

Pamillo Wolfcamp
North Turkey Track Cisco
North Turkey Track Strawn
North Turkey Track Atoka
North Turkey Track Morrow

Since this well is located 1650' from the nearest end boundary and 1270' from the nearest side boundary, there are no affected parties and no notice was given. If you have any questions relating to this application, please contact me @ 915-685-5717. Thank you for considering our application.

Sincerely,

A handwritten signature in cursive script, appearing to read "David Stewart".

David Stewart
Regulatory Analyst
Western Region - Midland

Attachment

CC: NMOCD - Artesia Office
R. Foppiano - OXY

OXY MAKO STATE COM. #1

SHOW HERE A
STILEY-AL STATE 31
TO 2075
PALM HILLS 3
4535ADR
300150348500

SHOW HERE A
TO 2014
UNDESIG
300150350700

PAINTED STATE
TO 1307
TURKEY TRACK H
3001502234300

COLLIER A B
STILLIAMS
TO 100
TURKEY TRACK
300150348500

WCKEE B E
RALPH B E
TO 1005
TURKEY TRACK WEST
300150348000

31

6

32

33

5

4

UNKNOWN OPERATOR (+099999)
STATE
TO 2075
TURKEY TRACK WEST
300150350500

AMCO
STATE /EC/
TO 11432
TURKEY TRACK H
3001502245000

SOX RESOURCES
NY STATE
TO 2030
PALM HILLS 3
4535ADR
3001503774000

UNKNOWN OPERATOR (+099999)
CORBES-STATE
TO 3007
TURKEY TRACK WEST
300150356200

MILLER BROS
JONES-WATKINS-STATE
TO 2705
TURKEY TRACK WEST
300150356300

MORRILCO INC
GUAYALOTE STATE
TO 2030
PALM HILLS 3
4535ADR
3001503507400

MORRILCO INC
RAMON STATE
TO 2030
PALM HILLS 3
4535ADR
3001503559000

MORRILCO INC
STATE /EW/ COM
TO 11500
PALM HILLS 3
4535ADR
3001503542200

MORRILCO INC
GUAYALOTE STATE
TO 2000
PALM HILLS 3
4535ADR
3001503540000

MORRILCO INC
GUAYALOTE STATE
TO 2075
PALM HILLS 3
4535ADR
3001503520200

UNKNOWN OPERATOR (+099999)
TO 2115
300150356400

MORRILCO INC
GUAYALOTE STATE
TO 2077
PALM HILLS 3
4535ADR
3001503540000

7

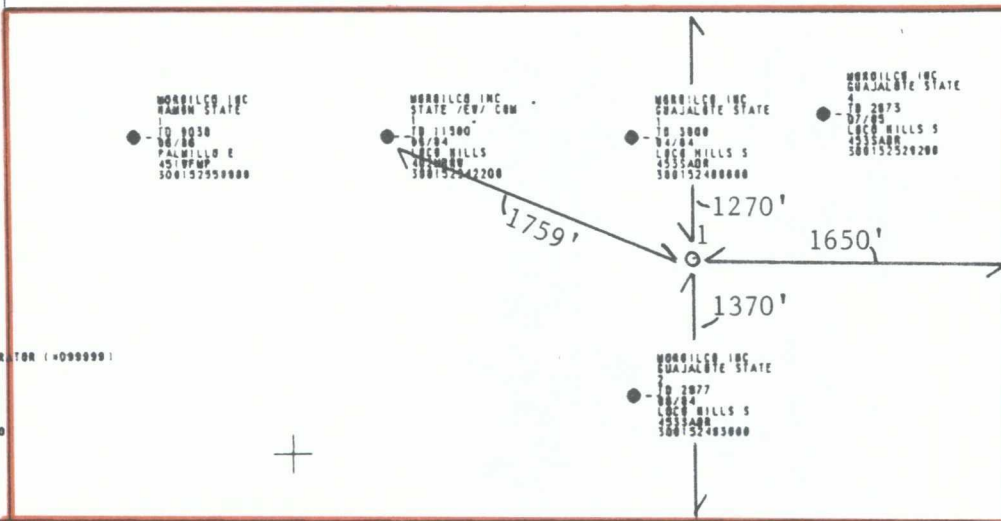
8

9

UNKNOWN OPERATOR (+099999)
STATE B
TO 1045
300150356700

THRESHOLD KEY
CORBES STATE
TO 2401
WILLIAM EAST QUEE
3001503503200

THRESHOLD KEY
CORBES STATE
TO 2205
WILLIAM EAST QUEE
3001503515700



District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Azusa, NM 88211-0719
District III
1000 Rio Grande Rd., Azusa, 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-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address: OXY USA Inc. P.O. Box 50250 Midland, TX 79710-0250		OCRID Number 16696 API Number 30-015-
Property Code	Property Name OXY Mako State Com.	Well No. 1

¹ Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	5	19S	29E		1370	South	1650	East	Eddy

² Proposed 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
					86500				
Undesignated North Turkey Track Morrow					Proposed Point 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3399'
Multiple No	Proposed Depth 11400'	Formation Morrow	Contractor Nabors	Spud Date 2/1/96

³ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	400'	420	Surface
11"	8-5/8"	24-32#	3000'	980	Surface
7-7/8"	5-1/2"	17-20#	11400'	435	8500'

* Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

See other side

* I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

David Stewart

Title:

Regulatory Analyst

Date:

11/8/97

Phone:

915-685-5717

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Continued of Approval:

Approved ☐

ATTACHMENT C-101
OXY USA Inc.
OXY MAKO STATE COM. #1
SEC 5 T19S R29E
Eddy County, NM

PROPOSED TD: 11400' TVD

BOP PROGRAM: 0' - 400' None
400'-3000' 13-3/8" 5M blind and pipe rams with 5M annular preventer.
3000'-11400' 13-3/8" 5M blind and pipe rams with 5M annular preventer and rotating head below 8500'.

CASING: 13-3/8" 48# H40 ST&C casing @ 400'. 17 1/2" hole.
8-5/8" 24-32# K55 ST&C casing @ 3000', 11" hole
5-1/2" 17-20# N80 LT&C casing @ 11400', 7-7/8" hole.

CEMENT: Surface - Circulate cement with 220sx 65/35 POZ/C w/2% CaCl₂ + 6% gel + .25#/sx Cello-seal followed by 200sx Class C with 2% CaCl₂.

Intermediate - Circulate cement with 780sx POZ/C w/ 6% gel + 5#/sx salt + .25#/sx Cello-seal followed by 200sx Class C with 2% CaCl₂. Cement volumes may be adjusted to fluid caliper.

Production - Cement with 435sx Super C Modified w/ 5#/sx Gilsonite + fluid loss additives and retarder. Estimated top of cement is 8500'. Cement volumes may be adjusted to hole caliper.

MUD: 0' - 400' Gel/Lime for pH control (9 to 10).
Paper for seepage.
Wt. 8.6-8.7 ppg, vis 32-34 sec.
400' - 3000' Fresh/Brine water. Caustic for pH control (10-10.7). Paper for seepage.
Wt. 10-10.1 ppg, vis 28-32 sec
3000' - 8800' Fresh water. Caustic for pH control (9-9.5).
Paper for seepage.
Wt. 8.4-8.5 ppg, vis 28-29 sec
8800' - 10100' Cut brine. Caustic for pH control (10-10.5).
Wt. 8.8-9.0 ppg, vis 28-29 sec
10100' - 11400' Mud up with a Starpac/XCD Polymer system
Wt. 9.5-10.5ppg, vis 42-48 sec WL 6-8cc.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
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 86500	Pool Name Undesignated North Turkey Track Morrow Gas
Property Code	Property Name Oxy Mako State Com.	Well Number 1
OGRID No. 16696	Operator Name Oxy USA Inc.	Elevation 3399'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	5	19 S	29		1370	South	1650	East	Eddy

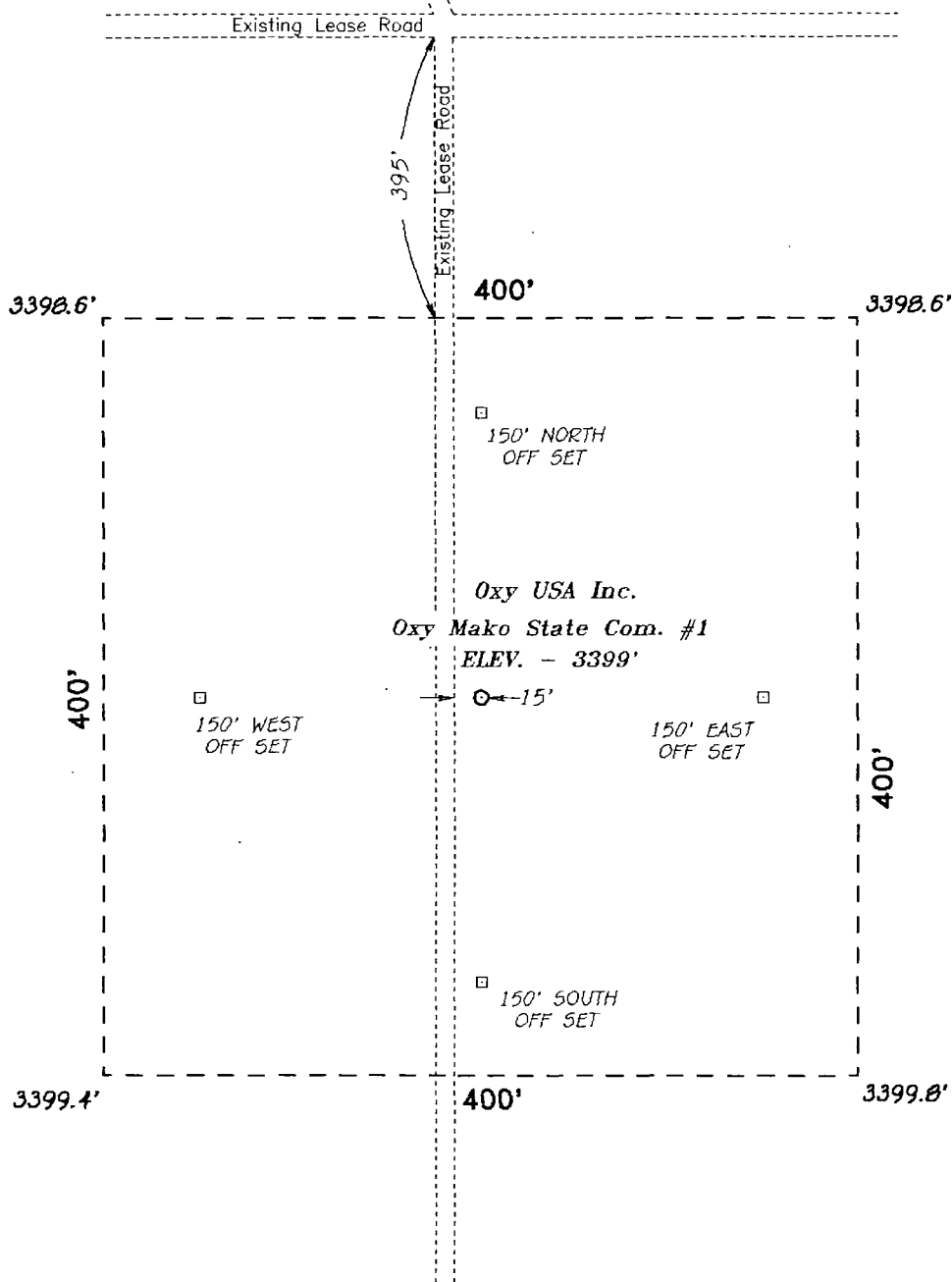
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill N	Consolidation Code C	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

Lot 4 - 40.88 Ac	Lot 3 - 40.82 Ac	Lot 2 - 40.78 Ac	Lot 1 - 40.72 Ac
SDX Resources Guajalote St-1			
OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature David Stewart Printed Name Regulatory Analyst Title 1/8/97 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. December 19, 1996 Date Surveyed Signature & Seal of Professional Surveyor NEW MEXICO W.O. No. 65844 Certificate No. Gary L. Jones 7977 PROFESSIONAL LAND SURVEYOR BASIN SURVEYS			

SECTION 5, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



SCALE: 1" = 100'

OXY USA INC

REF: OXY MAKO STATE COM. No. 1 / WELL PAD TOPO

THE OXY MAKO STATE COM. No. 1 LOCATED 1370' FROM
THE SOUTH LINE AND 1650' FROM THE EAST LINE OF
SECTION 5, TOWNSHIP 19 SOUTH, RANGE 29 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 6584

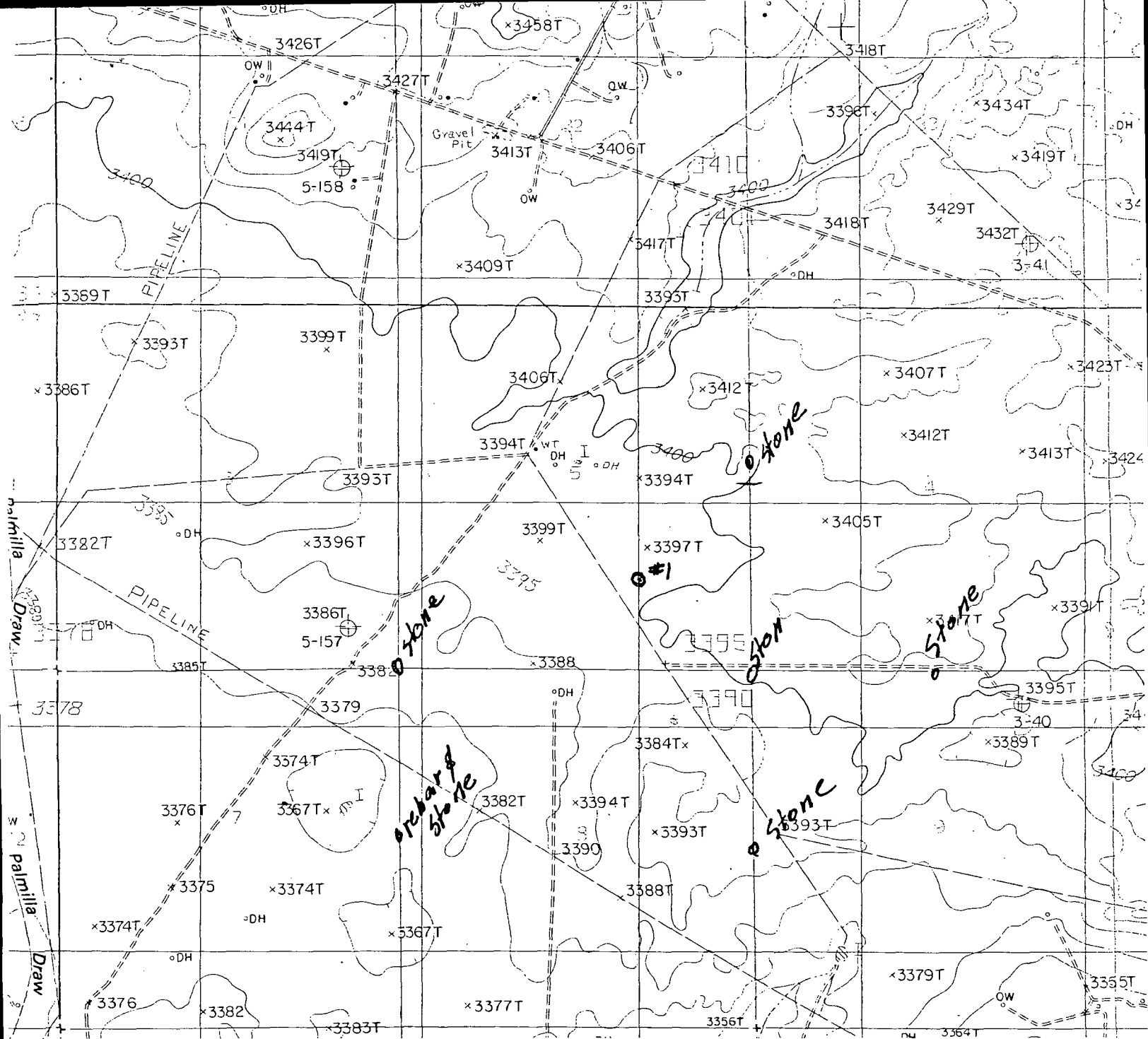
Drawn By: S.C. NICHOLS

Date: 12-20-96

Disk: SCN #33 - 6584AA.DWG

Survey Date: 12-9-96

Sheet 1 of 1 Sheets



OXY USA INC.
 OXY MAKO STATE COM. #1
 1370' FSL & 1650' FEL
 Sec. 5, T-19-S, R-29-E,
 Eddy County, New Mexico.



SCALE: 1" = 2000'

BASIN SURVEYS

P.O. BOX 1786 - HOBBS, NEW MEXICO

2000' 0 2000' 4000 Feet

W.O. Number: 6584	Drawn By: S.C. Nichols	Survey Date: 12-19-96	Sheet 1 of 1 Sheets
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COUNTY Eddy POOL North Turkey Track-Cisco Gas
TOWNSHIP 18 South RANGE 29 East NMPM

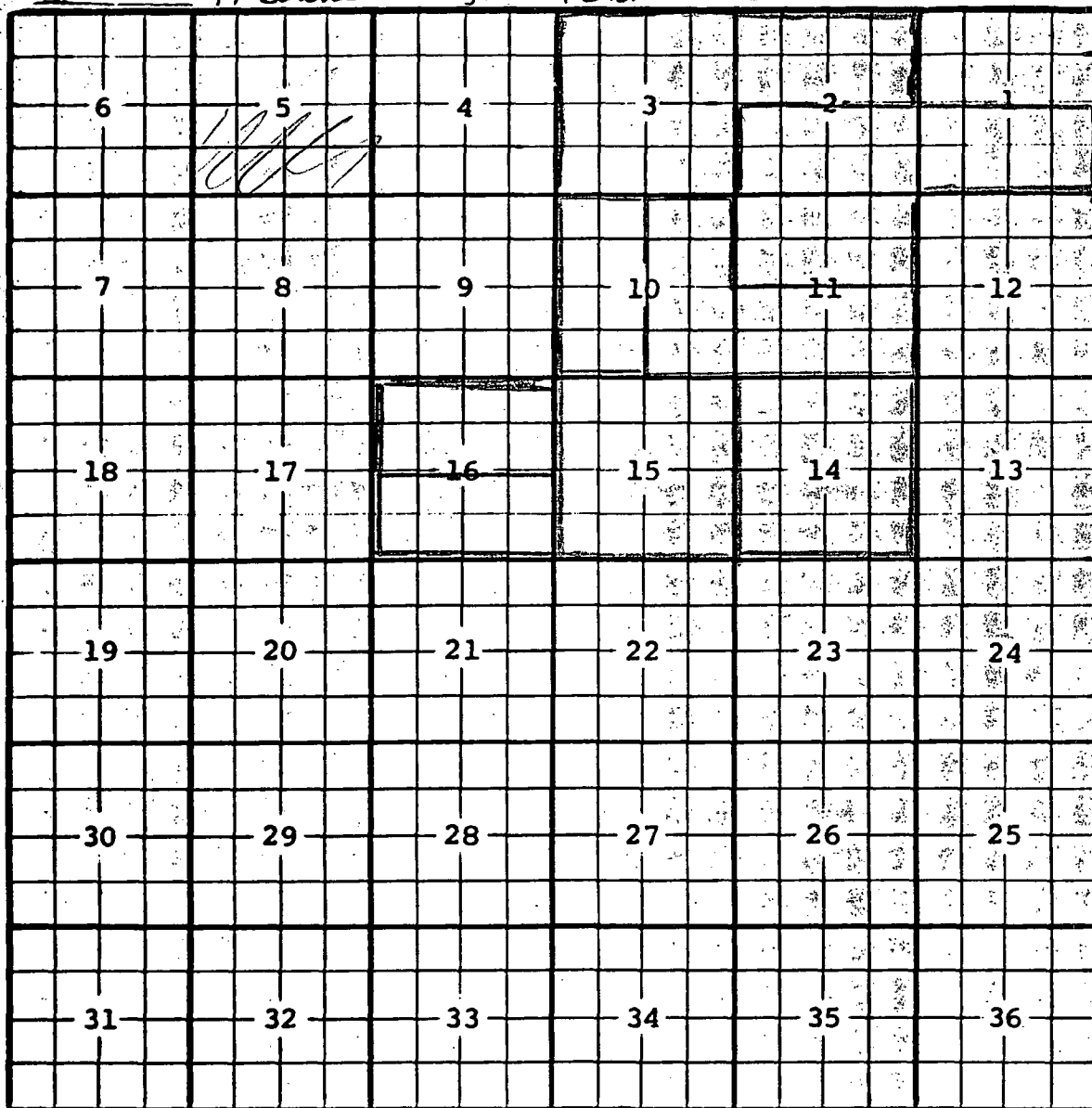
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Description: N/2 Sec 31 (R-5988, 5-1-79)

U/0000

County EDDY Pool TURKEY TRACK - ATOKA GAS

TOWNSHIP 19 South Range 29 EAST NMPM



Designation: $\frac{5}{8}$ Sec. 10, $\frac{3}{8}$ Sec. 11 (R-6362, 7-1-80)
Ext: $\frac{3}{8}$ Sec. 1, $\frac{3}{8}$ Sec. 2, $\frac{1}{2}$ Sec. 11, Add Sec. 14 (R-6476, 10-1-80)
Ext: $\frac{1}{2}$ Sec. 10 (R-6576, 2-10-81) EXT: $\frac{1}{2}$ sec 2, All Sec 3 (R-6876, 1-22-82)
Ext: All sec 15 (R-6912, 3-5-82) Ext: $\frac{3}{8}$ Sec. 16 (R-8431, 4-15-87)
Ext: $\frac{1}{2}$ Sec. 16 (R-10591, 5-8-96)

COUNTY Eddy POOL North Turkey Track - Atoka Gas.

POOL North Turkey Track - Atoka Gas.

TOWNSHIP 19 South

RANGE 29 East

NMPPM

A 36x36 grid with numbers 1 through 36 at the bottom of each column. In the top-left corner, there is a small table with 2 rows and 3 columns. The first row contains the numbers 6, 5, and 4. The second row contains the numbers 7, 8, and 9. To the right of this table, the first three columns of the grid are filled with a dense, dark, scribbled pattern.

Description: 1/2 Sec 6 (R-5987, 4-1-79)

Pool East Turkey Track - Ato Ka Gas

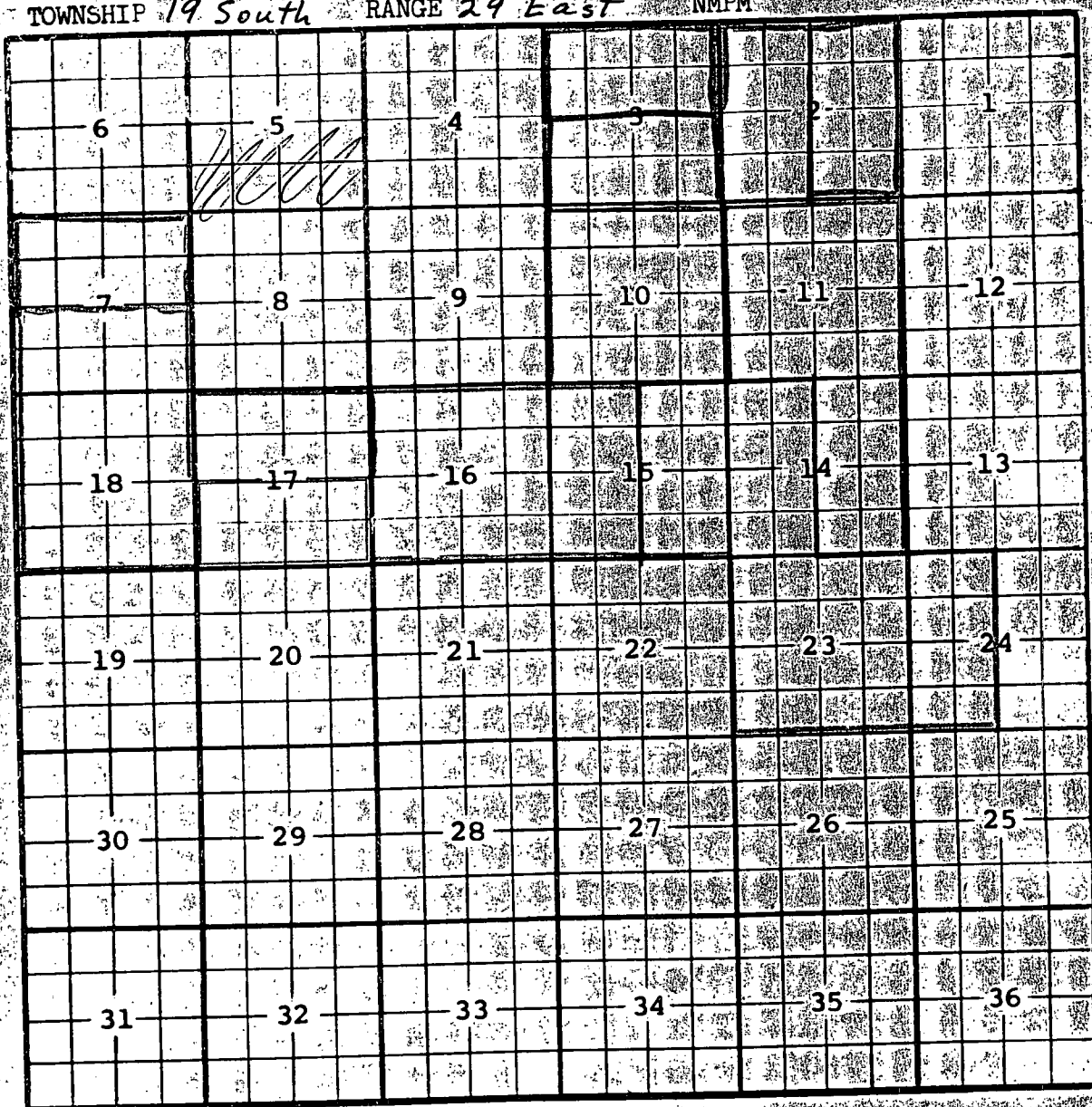
NMPM

A 36x6 grid with numbers 1-36 in the top row and 6-36 in the bottom row. A handwritten signature is in the top-left, and a small box is in the middle-left.

Description: $\frac{E}{2}$ Sec. 18 (R-9844, 2-8-93)

COUNTY EddyPOOL Turkey Track-Morrow GasTOWNSHIP 19 SouthRANGE 29 East

NMPM



Description: $\frac{5}{2}$ Sec 17 (R-5056, 8-1-75)

Ext: W/2 Sec 15, All Sec 16 (R-5988, 5-1-79)

Ext: W/2 Sec 14, E/2 Sec 15, All Sec 23, W/2 Sec 24 (R-6033, 7-1-79)

Ext: All Sec. 11, $\frac{E}{2}$ Sec. 14 (R-6328, 5-1-80) Ext: $\frac{5}{2}$ Sec. 7, All Sec. 18

(R-6476, 10-1-80) Ext: All Sec 10 (R-6576, 2-10-81)

Ext: $\frac{5}{2}$ sec 3 (R-6724, 7-16-81) EXT: W/2 sec 2, $\frac{N}{2}$ sec 7 (R-6994, 5-28-82)

EXT: Sec: 3 $\frac{N}{2}$ (R-7048, 8-9-82)

Ext: Sec: 2 E/2 (R-7222, 2-25-83) Ext: $\frac{N}{2}$ Sec. 12 (R-7285, 1-17-85)

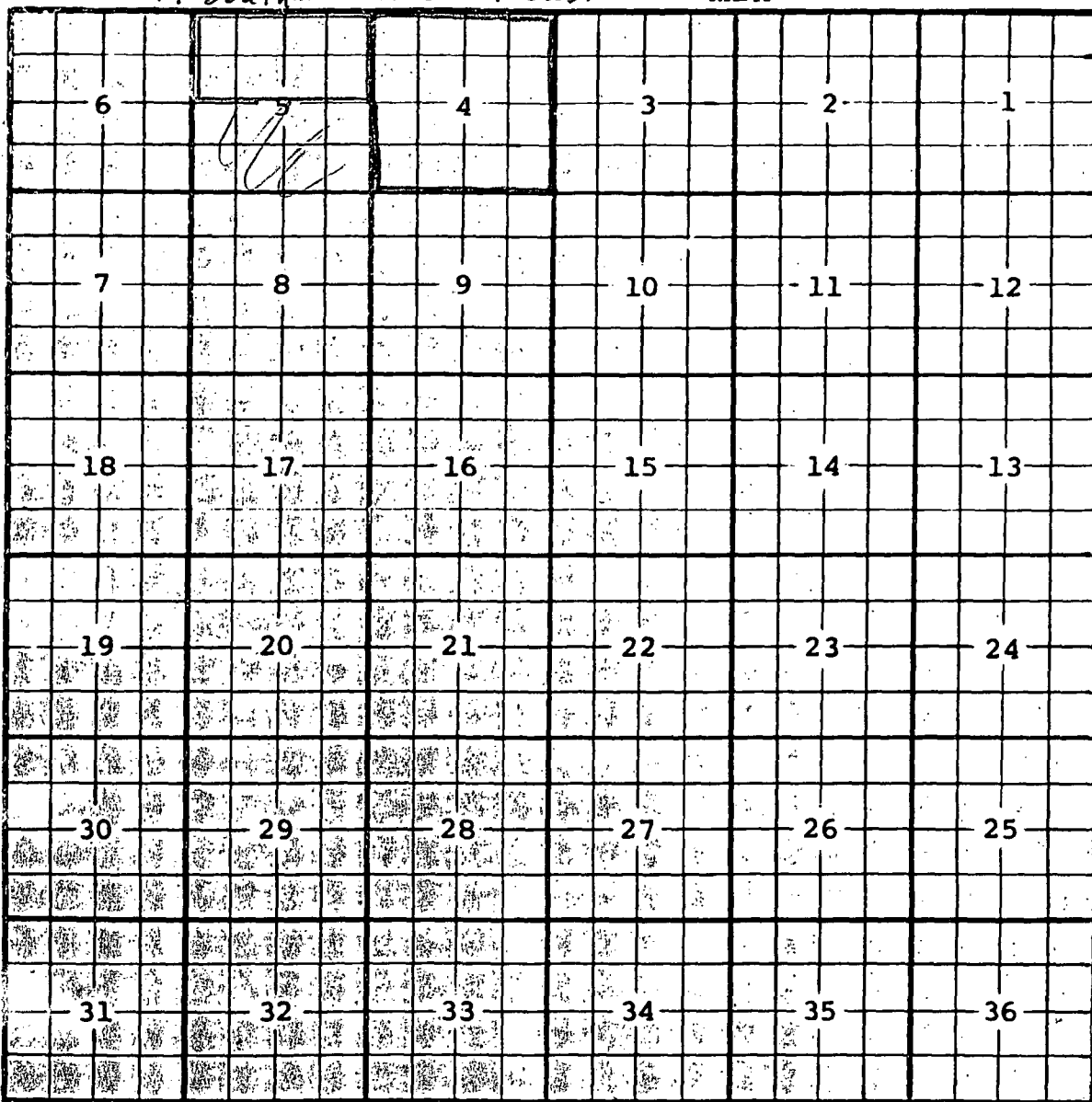
COUNTY *Eddy*

POOL *North Turkey Track - Morrow Gas*

TOWNSHIP *19 South*

RANGE *29 East*

NMPM



Ext. 1/2 Sec 5 (R-5911, 2-1-79) Ext. All sec 4 (R-6758, 8-26-81)

[illegible]