

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-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		OGRID Number 16696
Property Name OXY Lucky Dog State		API Number 30-015-30576
Property Code 24259	Well No. 1	

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
N	33	16S	27E		660	South	2080	West	Eddy

8 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
Proposed Pool 1 Undesignated Crow Flats Morrow					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lane Type Code S VA-1417	Grossed Level Elevation 3367'
Multiple No	Proposed Depth 8900'	Formation Morrow	Contractor Peterson	Spud Date 2/1/99

21 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'	360	Circulate
12 1/4"	8-5/8"	24#	1500'	390	Circulate
7-7/8"	4-1/2"	11.6#	8900'	685	5800'

22 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

Post FD-1
2-19-99
API & Loc Notify N.M.O.C.C. in sufficient
time to witness cementing
the 8 5/8" casing

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

Signature:

David Stewart

Printed name:

David Stewart

Title:

Regulatory Analyst

Date:

4/8/99 2/9/99

Phone:

915-685-5717

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date:

2-10-99

Expiration Date:

2-10-00

Conditions of Approval:

Attached ☐

ATTACHMENT C-101
OXY USA Inc.
OXY Lucky Dog State #1
SEC 33 T16S R27E
Eddy County, NM

PROPOSED TD: 8900' TVD

BOP PROGRAM: 0' - 400' None

400' - 1500' 13-3/8" 5M blind and pipe rams with 5M annular preventer.

1500' - 8900' 13-3/8" 5M blind pipe rams with 5M annular preventer and rotating head below 8500'.

CASING: Surface: 13-3/8" OD 48# H40 ST&C new casing set at 400'

Intermediate: 8-5/8" OD 24# K55 ST&C new casing from 0-1500'

Production: 4-1/2" OD 11.6# N80 LT&C new casing from 0-8900'

CEMENT: Surface - Circulate cement with 160sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + .005gps FP-6L + 2% CaCl_2 + .25#/sx Cello-Flake followed by 200sx Cl C with .005#/sx Static Free + .005gps FP-6L + 2% CaCl_2 .

Intermediate - Circulate cement with 190sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + .005gps FP-6L + 2% CaCl_2 + .25#/sx Cello-Flake + 5#/sx Gilsonite followed by 200sx Cl C with 2% CaCl_2 + .005#/sx Static Free + .005gps FP-6L.

Production - Cement with 610sx 15:61:11 POZ/C/Silica with .005#/sx Static Free + .005gps FP-6L + .5% FL-52 + .5% FL-25 + 8#/sx Gilsonite followed by 75sx Cl C with .005#/sx Static Free + .005gps FP-6L + .5% FL-25.
Estimated top of cement is 5800'.

Note: Cement volumes may need to be adjusted to hole caliper.

MUD:

0 - 400' Fresh water/native mud. Lime for pH control (9-10). Paper for seepage.
Wt 8.7-9.2 ppg, Vis 32-34 sec

400' - 1500' Brine water. Caustic for pH control (10.0-10.5). Paper for seepage.
Wt 8.3-9.0 ppg, Vis 28-29 sec

1500' - 6000' Fresh water. Caustic for pH control (9-9.5). Paper for seepage.
Wt 8.3-8.5 ppg, Vis 28-29 sec

6000' - 7400' Cut brine. Caustic for pH control (10-10.5).
Wt 9.6 - 10.0 ppg, Vis 28-29sec

7400' - 8900' Mud up with an XCD Polymer mud system.
Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc

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

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

OIL CONSERVATION DIVISION

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

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 75720	Pool Name Undesignated Crow Flats Morrow
Property Code	Property Name OXY LUCKY DOG STATE	Well Number 1
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3367'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	33	16 S	27 E		660	SOUTH	2080	WEST	EDDY

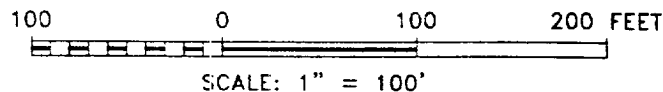
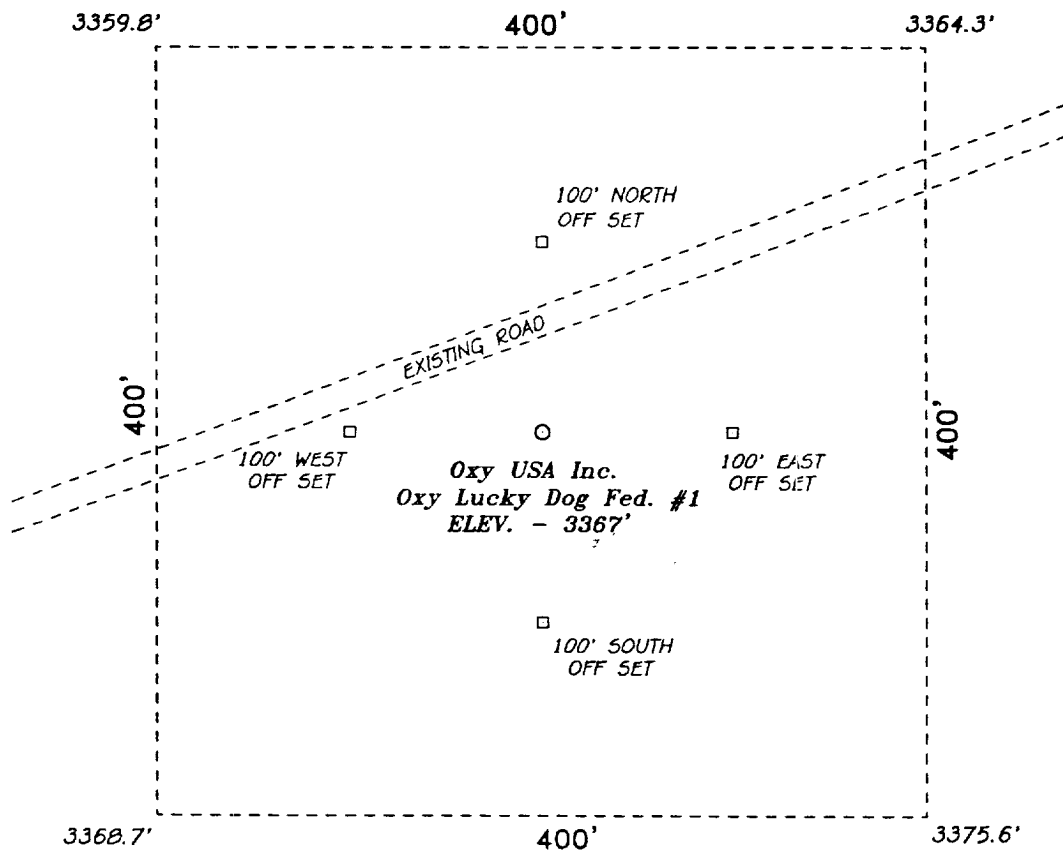
Bottom Hole Location If Different From Surface

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

	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 4/10/99 2/19/99 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. Date Surveyed Signature & Seal of Professional Surveyor 7977 Certification No. L. Jones 7977 BASIN SURVEYS

SECTION 33, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



Oxy USA Inc.

REF: Oxy Lucky Dog Fed. No. 1/ Well Pad Topo

THE OXY LUCKY DOG FED. No. 1 LOCATED 660' FROM THE
SOUTH LINE AND 2080' FROM THE WEST LINE OF
SECTION 33, TOWNSHIP 16 SOUTH, RANGE 27 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

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

W.O. Number: 9003

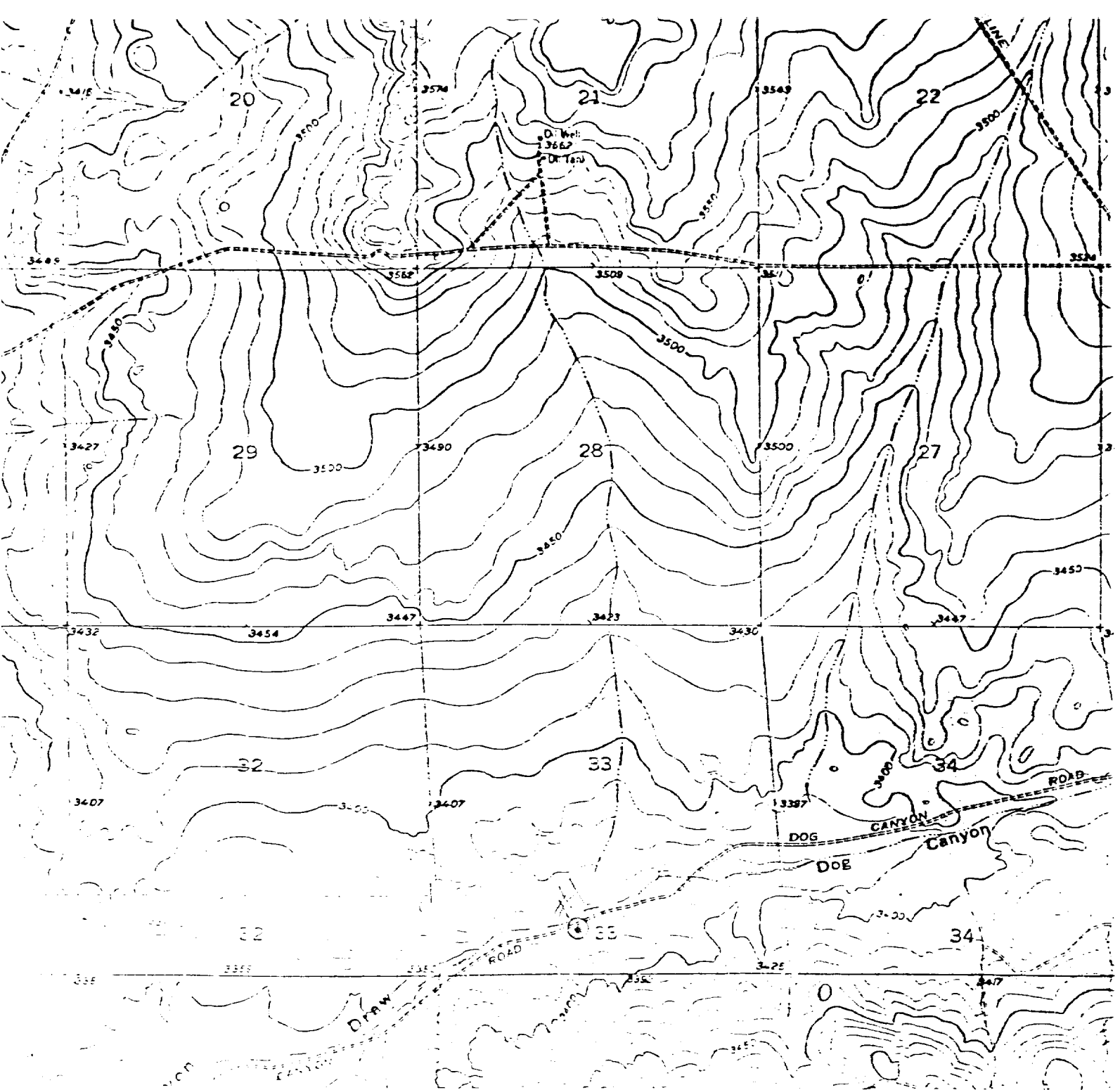
Drawn By: K. GOAD

Date: 01-06-99

Disk: KJG #119 - 9003A.DWG

Survey Date: 01-05-99

Sheet 1 of 1 Sheets



OXY USA INC.
 OXY LUCKY DOG FED. #1
 660' FSL & 2080' FWL
 Sec. 33, T-16-S, R-27-E,
 Eddy County, New Mexico.

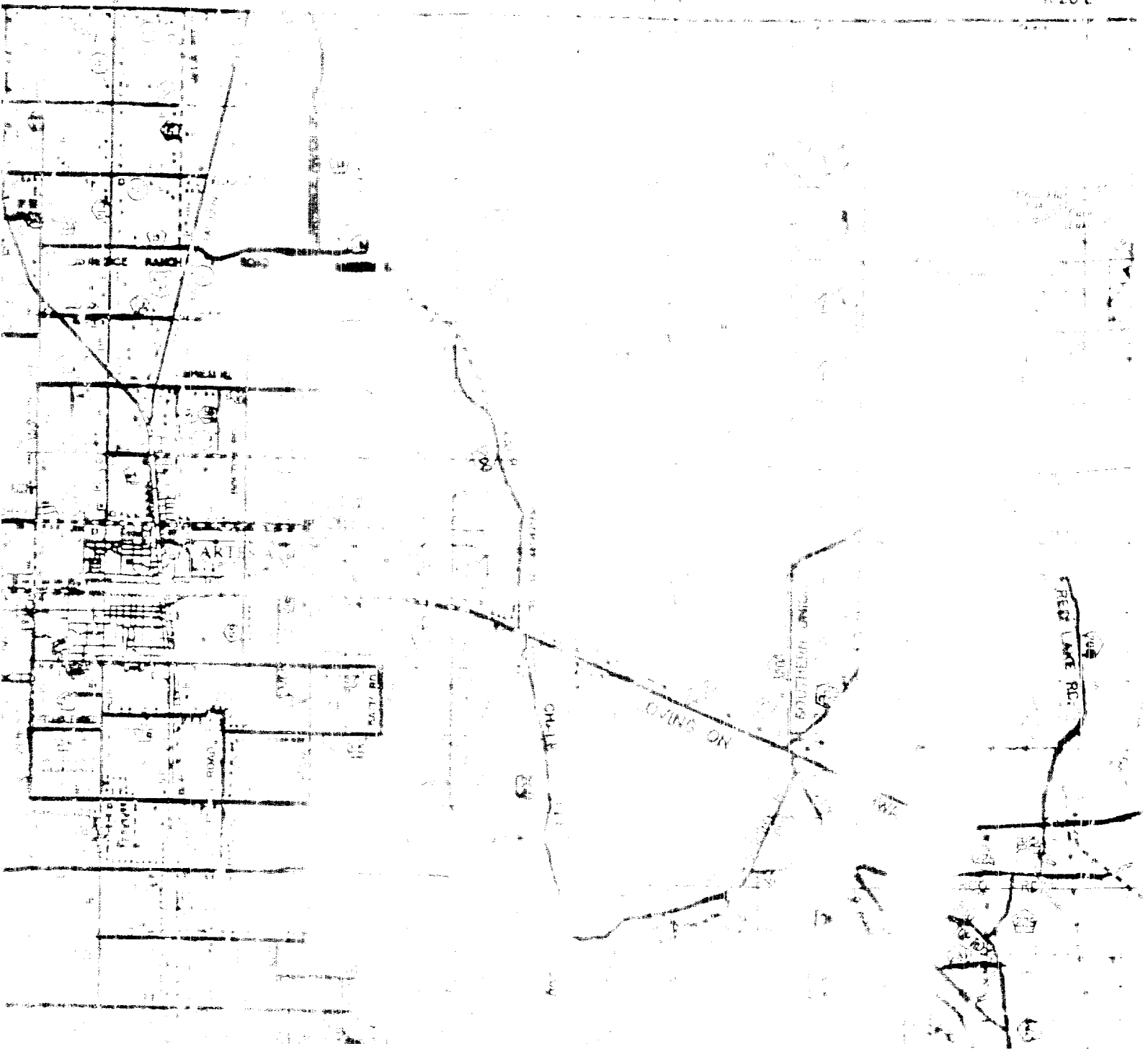
SCALE: 1"=2000'

BASIN SURVEYS

P.O. BOX 1786-HOBBS, NEW MEXICO



W.C. Number: 9003	Drawn By: K. GOAD	Survey Date: 01-05-99	Sheet 1 of 1 Sheets
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OXLEY & SONS INC
 OXLEY & SONS DOG (E) #1
 660 1ST & 2080 1ST
 Section 1-16-N, R-2-E
 Edge County, New York