

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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

¹ Operator Name and Address OXY USA Inc. P.O. Box 50250 Midland, TX 79710-0250		² OGRID Number 16696
		³ API Number 30-015-30958
⁴ Property Code 25318	⁵ Property Name OXY Esperanza	⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	9	25S	26E		1650	North	1650	West	Eddy

⁸ Proposed 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

⁹ Proposed Pool 1 Undesignated White City Pennsylvanian 87730	¹⁰ Proposed Pool 2
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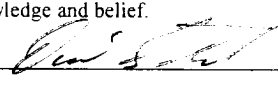

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary E	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3318'
¹⁶ Multiple No	¹⁷ Proposed Depth 11600'	¹⁸ Formation Morrow	¹⁹ Contractor FWA-Peterson	²⁰ Spud Date 2/15/00

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	Surface
12-1/4"	9-5/8"	36#	5500'	1150	Surface
7-7/8"	5-1/2"	17#	11160'	935	Est-8200'

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

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: 		Approved by: ORIGINAL SIGNED BY TIM W. GORRIS DISTRICT II SUPERVISOR 	
Printed name: David Stewart		Title:	
Title: Regulatory Analyst		Approval Date: 2-11-00	Expiration Date: 2-4-01
Date: 1/20/00	Phone: 915-685-5717	Conditions of Approval: Attached <input type="checkbox"/>	

ATTACHMENT C-101
OXY USA Inc.
OXY ESPERANZA #1
1650 FNL 1650 FWL SEC 9 T25S R26E
Eddy County, NM

PROPOSED TD: 11600' TVD

BOP PROGRAM: 0' - 400' None
400' - 5500' 13-3/8" 5M blind and pipe rams with 5M annular preventer.
5500' - 11160' 13-3/8" 5M blind pipe rams with 5M annular preventer and rotating head below 8200'.

CASING: Surface: 13-3/8" OD 48# H40 ST&C new casing set at 400'
Intermediate: 9-5/8" OD 36# K55 ST&C new casing from 0-5500'
Production: 5-1/2" OD 17# N80-S95 LT&C new casing from 0-11160'

CEMENT: Surface - Circulate cement with 160sx 35:65 POZ/C with 6 Bentonite + 2% CaCl_2 followed by 200sx Cl C with 2% CaCl_2 .

Intermediate - Circulate cement with 950sx 35:65 POZ/C with 6 Bentonite + 1% CaCl_2 + 4#/sx Gilsomite followed by 200sx Cl C with 2% CaCl_2 .

Production - Cement with 860sx 15:61:11 POZ/C/CSE with .5% FL-52 + .5% FL-25 + 6#/sx Gilsomite followed by 75sx Cl C with .55% FL-25.

Estimated top of cement is 8200'.

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

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' - 5500' Fresh/*Brine water. Lime for pH control (10.0-10.5). Paper for seepage. Wt 8.3-9.0/10.0-10.1ppg, Vis 28-29 sec
*Fresh water will be used unless chlorides in the mud system increase to 20000PPM.
5500' - 8200' Fresh water. Lime for pH control(9-9.5). Paper for seepage. Wt 8.3-8.5 ppg, Vis 28-29 sec
8200' - 10200' Cut brine. Lime for pH control (10-10.5). Wt 9.6-10.0 ppg, Vis 28-29sec
10200' - 11160' Mud up with an Duo Vis/Flo Trol mud system. Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc

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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code	Pool Name Undesignated White City Pennsylvanian
Property Code	Property Name OXY ESPERANZA	Well Number 1
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3318'

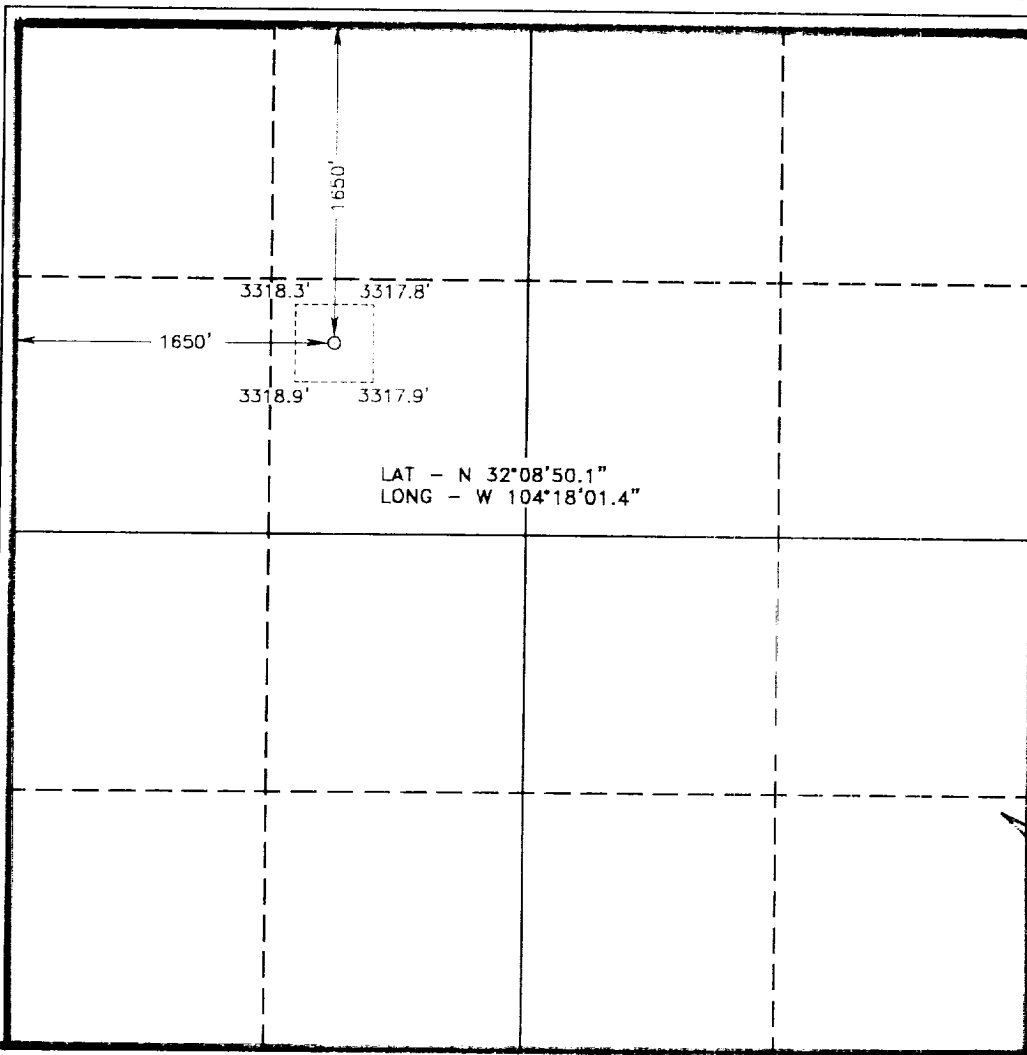
Surface Location

UL or lot No. F	Section 9	Township 25 S	Range 26 E	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 1650	East/West line WEST	County EDDY
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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 640	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

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.

January 21, 2000

Date Surveyed

Signature of Gary L. Jones
Professional Surveyor

Professional Surveyor
7977

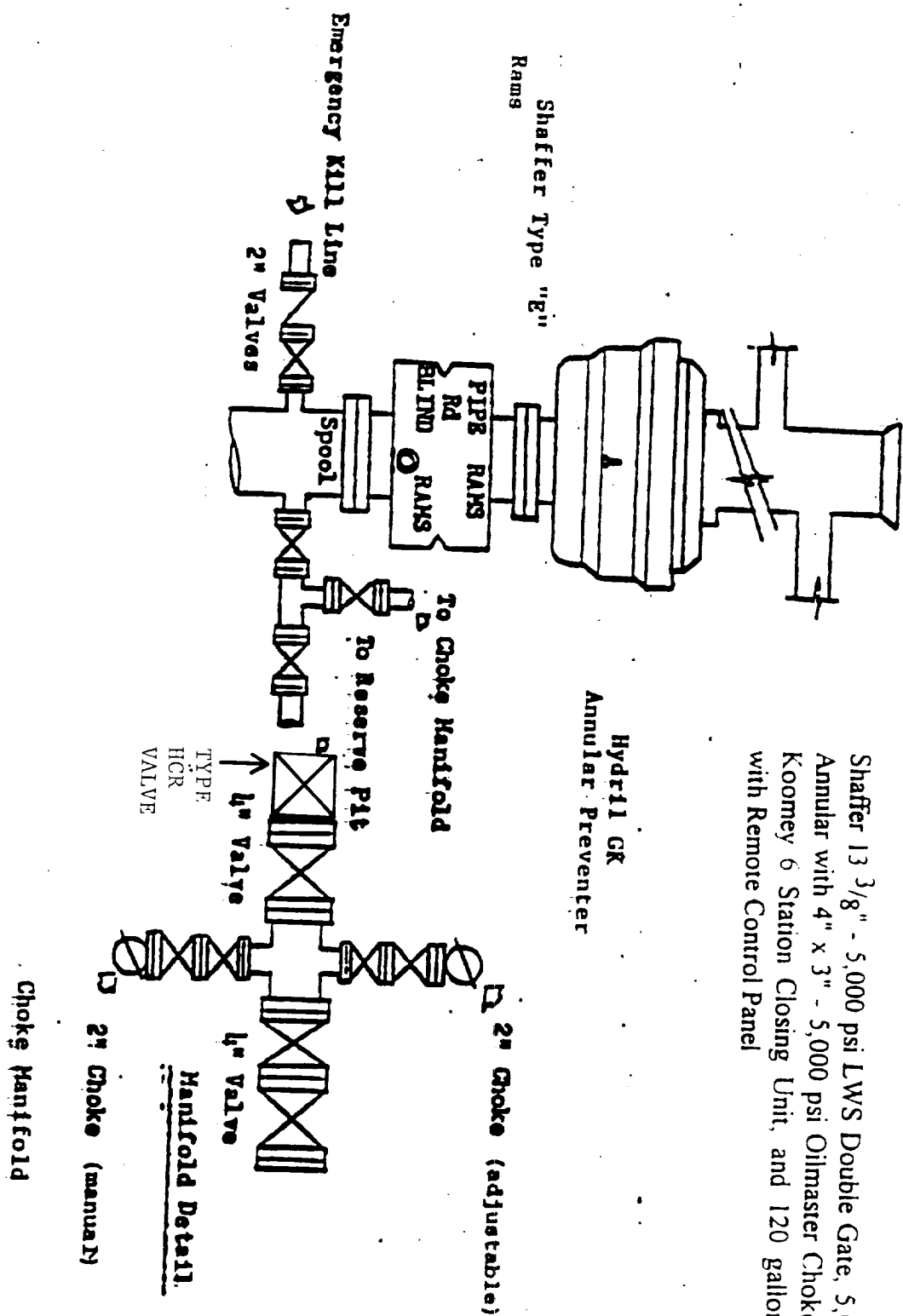
W.O. No. 00405

Certificate No. Gary L. Jones 7977

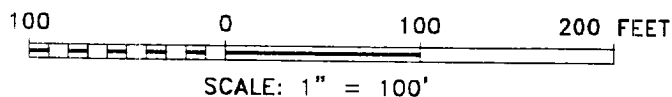
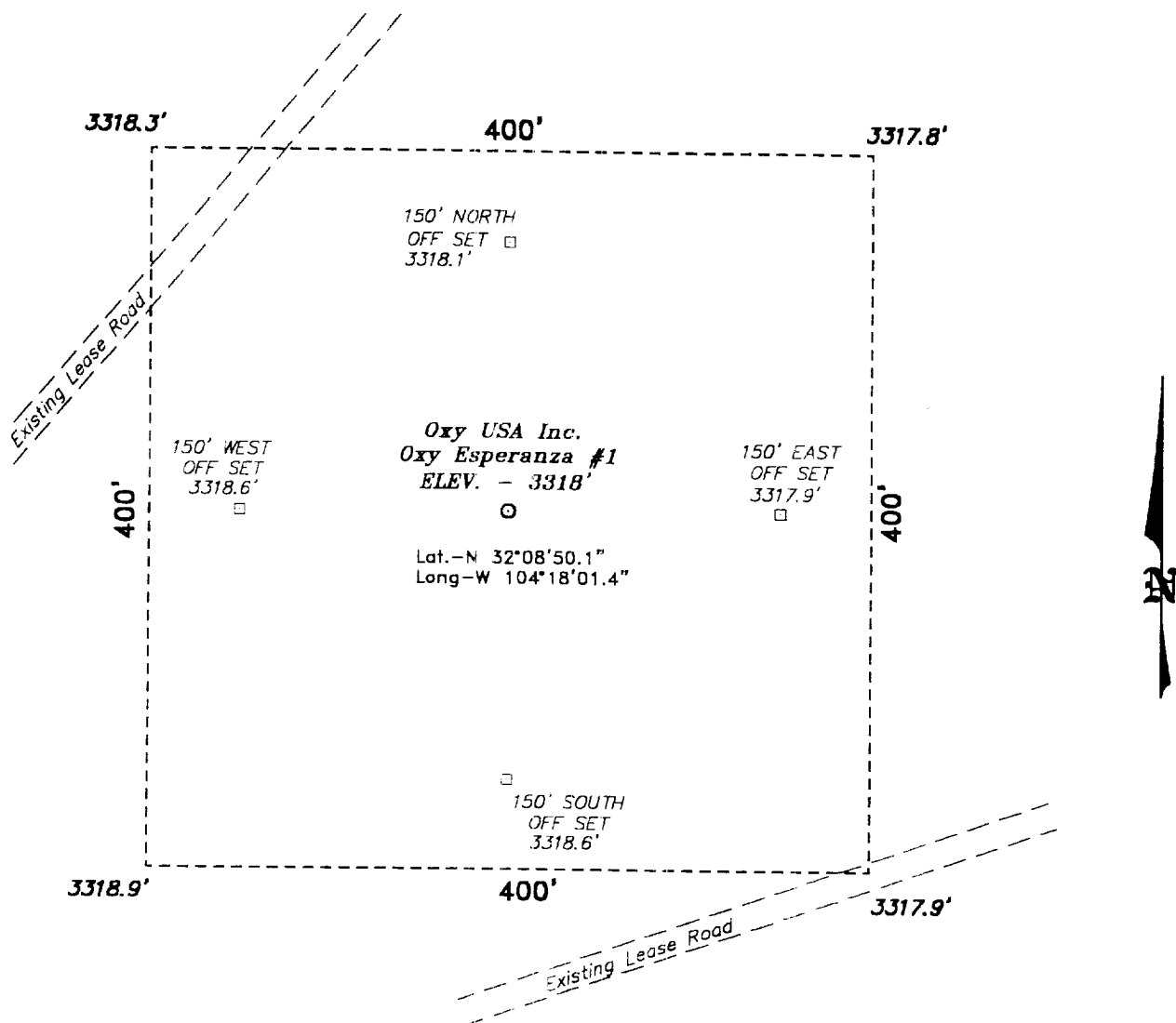
Basin Surveys

BLOWOUT PREVENTOR SCHEME

EXHIBIT A



SECTION 9, TOWNSHIP 25 SOUTH, RANGE 26 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



Directions to Location:

FROM JUNCTION US 62/180 AND CO. RD.
772(MEANS RD.), ±3 MILES NORTH NORTHEAST OF
WHITE CITY, GO SOUTH SOUTHEAST ON 772 5.0
MILES TO A GOOD LEASE ROAD LEFT; TAKE LEASE
ROAD 1.2 MILE TO PROPOSED WELL LOCATION.

Oxy USA Inc.

REF: Oxy Esperanza No. 1 / Well Pad Topo

THE OXY ESPERANZA No. 1 LOCATED 1650' FROM
THE NORTH LINE AND 1650' FROM THE WEST LINE OF
SECTION 9, TOWNSHIP 25 SOUTH, RANGE 26 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

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

W.O. Number: 0040

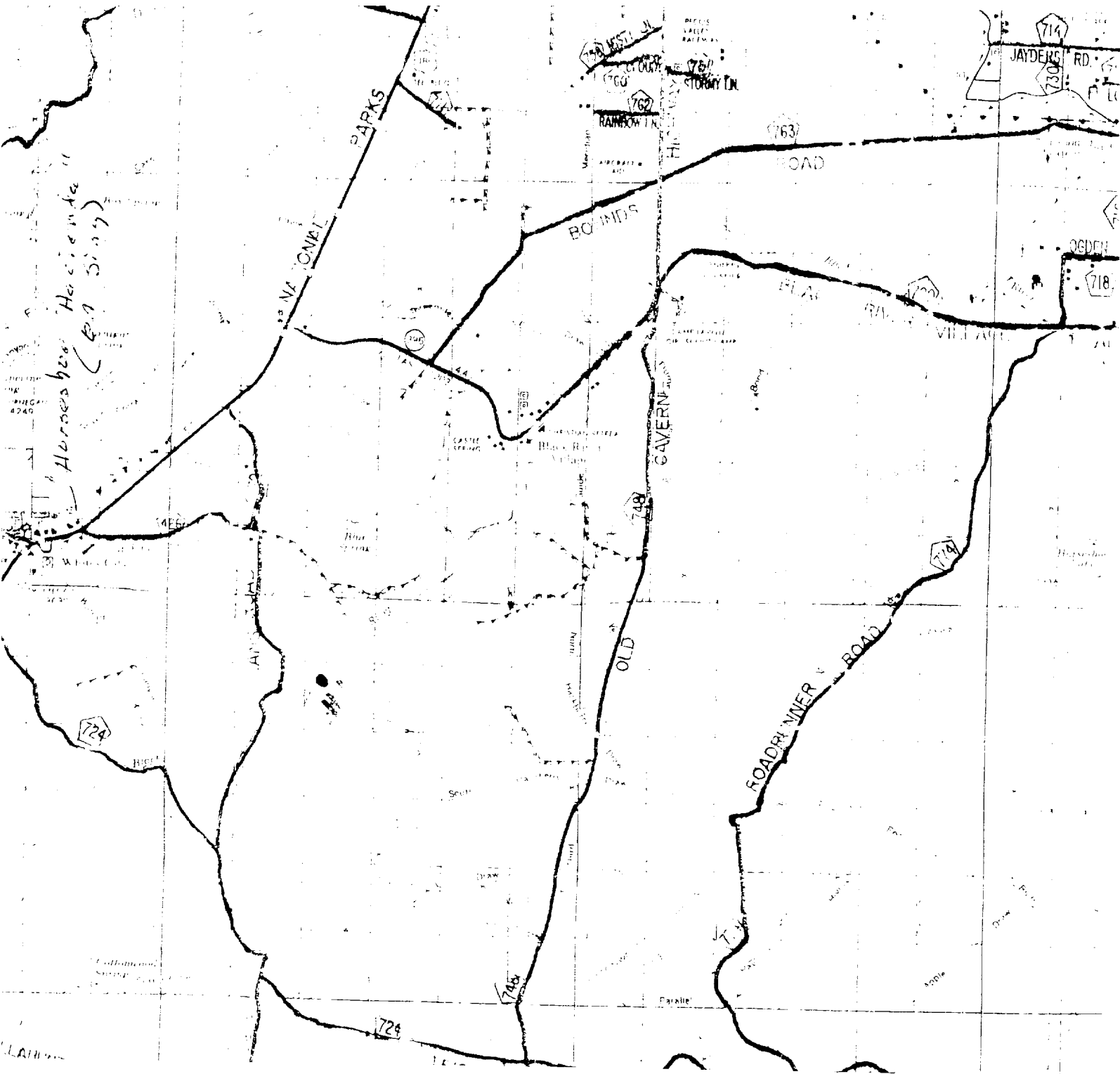
Drawn By: **K. GOAD**

Date: 01-25-2000

Disk: KJG #122 - 0040A.DWG

Survey Date: 01-21-2000

Sheet 1 of 1 Sheets



OXY USA INC.
 Oxy Esperanza #1
 1650' FNL & 1650' FWL
 Sec. 9, T-25-S, R-26-E,
 Eddy County, New Mexico.



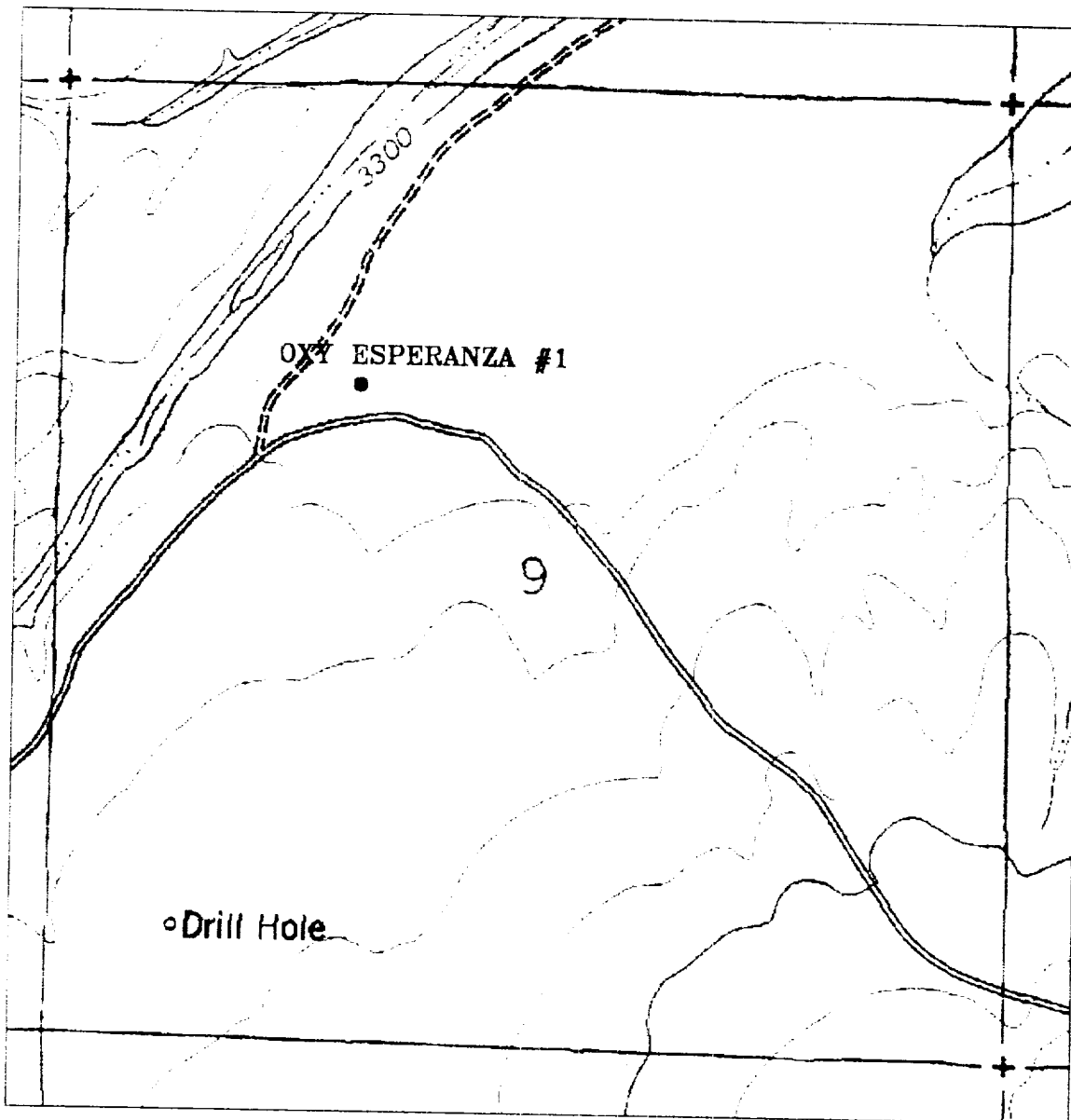
SCALE: 1"=2 MILES

BASIN SURVEYS

P.O. BOX 1786-HOBBS, NEW MEXICO

2000' 0 2000' 4000 Feet

W.O. Number: 0040 Drawn By: K. GOAD Survey Date: 01-21-2000 Sheet 1 of 1 Sheets



OXY ESPERANZA #1
 Located at 1650' FNL and 1650' FWL
 Section 9, Township 25 South, Range 26 East,
 N.M.P.M., Eddy County, New Mexico.

basin
surveys
 focused on excellence
 in the oilfield

P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (505) 393-7316 - Office
 (505) 392-3074 - Fax
 basinsurveys.com

W.O. Number: 0040AA - KJG #122

Survey Date: 01-21-2000

Scale: 1" = 1000'

Date: 01-25-2000

OXY USA INC.