

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 21, 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

¹ Operator Name and Address. Dalen Resources Oil & Gas Co. 6688 N. Central Expwy., Suite 1000 Dallas, Texas 75206		RECEIVED AUG 03 1995	² OGRID Number 016751
			³ API Number 30-015-28601
⁴ Property Code 16422	⁵ Property Name MURCHISON 2 STATE		⁶ Well No. 3

⁷ Surface Location DIST. 2									
UL or lot no. P	Section 2	Township 25S	Range 26E	Lot Idn	Feet from the 660'	North/South line South	Feet from the 330'	East/West line East	County 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 Black River P.J. Delaware South 50381					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3337'
¹⁶ Multiple N	¹⁷ Proposed Depth 5600'	¹⁸ Formation Delaware	¹⁹ Contractor L & M Drilling	²⁰ Spud Date 9-01-95

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	2000'	1016	Surface
7-7/8"	5-1/2"	17#	5600'	802	Surface
			Post ID-1 8-11-95 New hole to API		

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.

BOP Program: 1 pipe ram, 1 blind ram
Objective: Cherry Canyon

Post ID-2
9-20-96
Exp Int

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: Paul A. Whitehead		OIL CONSERVATION DIVISION	
Printed name: Paul A. Whitehead		Approved by: ORIGINAL SIGNED BY TIM W. GUM	
Title: Sr. Drlg. Engineer		Title: DISTRICT II SUPERVISOR	
Date: 8-07-95		Approval Date: 8-8-95	Expiration Date: 2-8-96
Phone: 214/987-6495		Conditions of Approval: Attached <input type="checkbox"/>	

C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

- 1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.
- 2 Operator's name and address
- 3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.
- 4 Property code. If this is a new property the OCD will assign the number and fill it in.
- 5 Property name that used to be called 'well name'
- 6 The number of this well on the property.
- 7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.
- 8 The proposed bottom hole location of this well at TD

9 and 10 The proposed pool(s) to which this well is being drilled.

11 Work type code from the following table:

- | | |
|---|--------------|
| N | New well |
| E | Re-entry |
| D | Drill deeper |
| P | Plugback |
| A | Add a zone |

12 Well type code from the following table:

- | | |
|---|-----------------------|
| O | Single oil completion |
| G | Single gas completion |
| M | Mutiple completion |
| I | Injection well |
| S | SWD well |
| W | Water supply well |
| C | Carbon dioxide well |

13 Cable or rotary drilling code

- | | |
|---|-----------------------------|
| C | Propose to cable tool drill |
| R | Propose to rotary drill |

14 Lease type code from the following table:

- | | |
|---|---------|
| S | State |
| P | Private |

15 Ground level elevation above sea level

16 Intend to mutiple complete? Yes or No

17 Proposed total depth of this well

18 Geologic formation at TD

19 Name of the intended drilling company if known.

20 Anticipated spud date.

21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement

22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.

23 The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.

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

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

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

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

DISTRICT IV
PO BOX 2088, SANTA FE, NM 87504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-28601	Pool Code 50381	Pool Name Black River P. J. Delaware, South
Property Code	Property Name MURCHISON STATE "2"	Well Number 3
OGRID No. 016751	Operator Name DALEN RESOURCES OIL AND GAS CO.	Elevation 3337

Surface Location

UL or lot No. P	Section 2	Township 25 S	Range 26 E	Lot Idn	Feet from the 660	North/South line SOUTH	Feet from the 330	East/West line EAST	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 40	Joint or Infill	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

LOT 4 41.33 AC.	LOT 3 41.14 AC.	LOT 2 40.90 AC.	LOT 1 40.70 AC.

OPERATOR CERTIFICATION

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

Paul A. Whitehead
Signature
Paul A. Whitehead
Printed Name
Sr. Drlg. Engineer
Title
8-07-95
Date

SURVEYOR CERTIFICATION

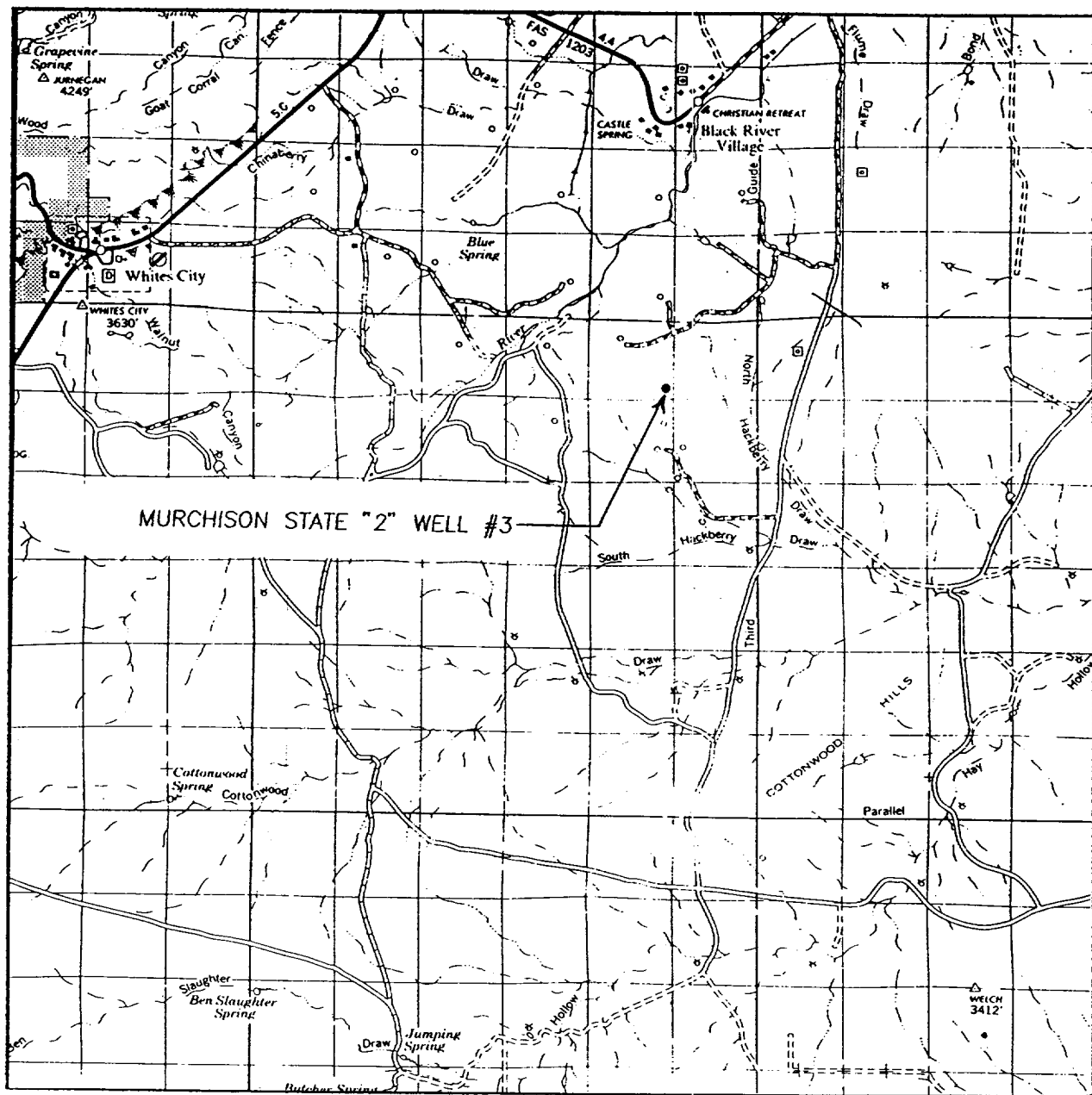
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

JULY 31, 1995
Date Surveyed
Signature & Seal of Professional Surveyor
Ronald J. Eidson
W.O. Num 95-13-1183
Certificate No. JOHN N. WEST 676
RONALD J. EIDSON 3239
GARY EIDSON 12641

330'

660'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 2 TWP. 25-S RGE. 26-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 660' FSL & 330' FEL

ELEVATION 3337

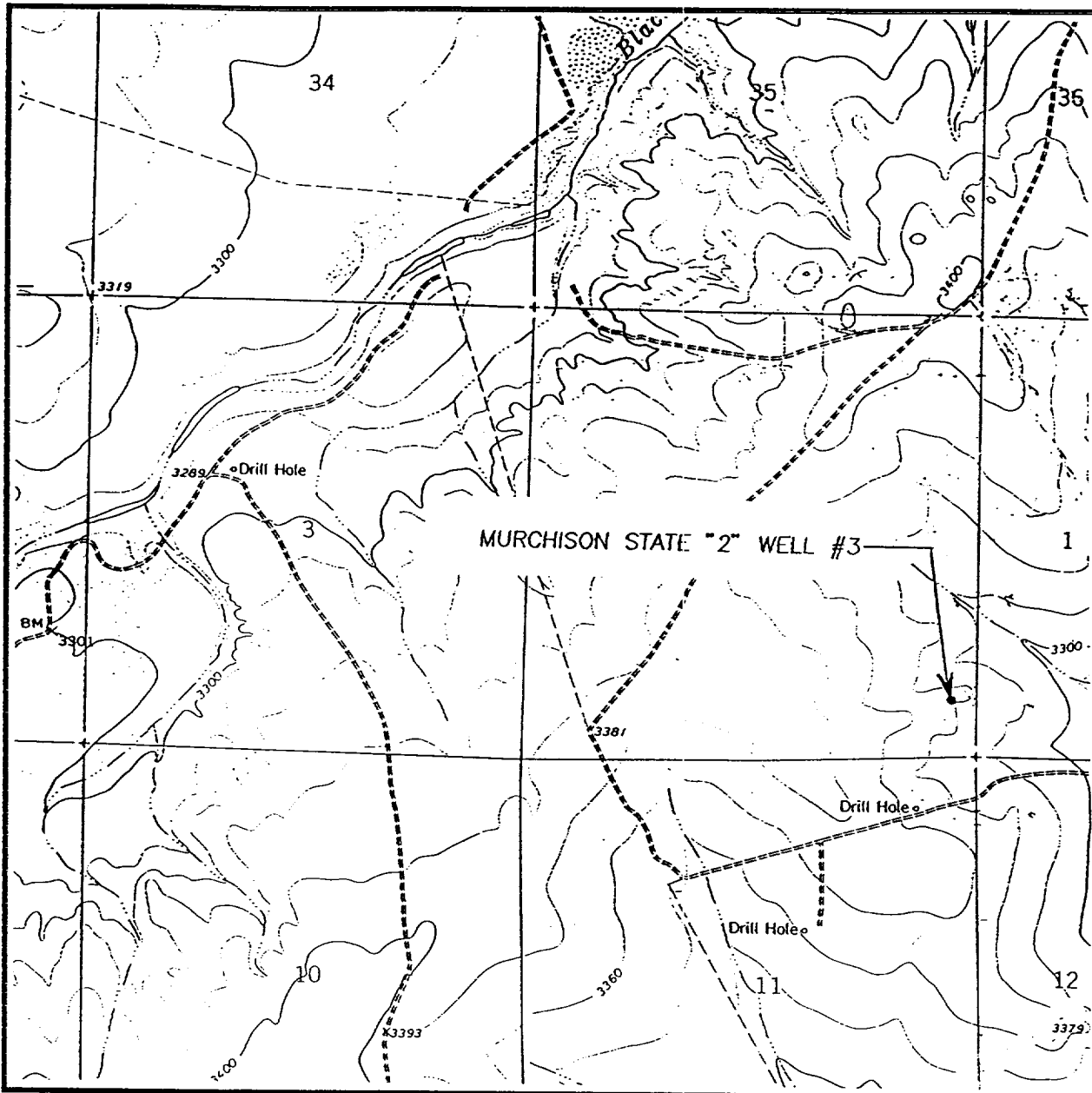
OPERATOR DALEN RESOURCES OIL AND GAS CO.

LEASE MURCHISON STATE "2"

**JOHN WEST ENGINEERING
HOBBS, NEW MEXICO**

(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 20'

SEC. 2 TWP. 25-S RGE. 26-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 660' FSL & 330' FEL

ELEVATION 3337

OPERATOR DALEN RESOURCES OIL AND GAS CO.

LEASE MURCHISON STATE "2"

U.S.G.S. TOPOGRAPHIC MAP

BLACK RIVER VILGE, N.M.

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117