

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [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 - Simultaneous Dedication  
 NSL  NSP  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

[D] Other: Specify \_\_\_\_\_

DEC - 4 2002

[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] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate and complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Alan W. Bohling  
 Print or Type Name  
 Pure Resources, L.P.  
 500 W. Illinois  
 Midland, Texas 79701  
 (915) 498-8662

*Alan W. Bohling*  
 Signature

Regulatory Analyst 12/03/2002  
 Title Date

abohling@pureresources.com  
 e-mail Address



500 W. Illinois  
Midland, Tx. 79701  
Ph (915) 498-8600  
Fax (915) 687-3863

December 3, 2002

Energy, Minerals & Natural Resources Department  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

ATTN: Mr. William Jones

Administrative Application for Non Standard Location  
Waller "23" Well No. 1, 2073' FSL & 983' FEL, Unit I,  
Section 23, T12S, R28E, Chaves County, New Mexico

Dear Mr. Jones,

Pure Resources, L.P. seeks administrative approval for an internal Non-Standard Location for its Waller "23" Well No. 1. The proposed location is 2,073' FSL and 983' FEL, Unit I, Section 23, T12S, R28E, Chaves County, New Mexico. Pure Resources plans to drill the subject well as a Wildcat (all zones Wolfcamp or deeper) or Wildcat (Mississippian) gas well on or about December 9, 2002. The proposed location is a Non-Standard Location in that it is less than 660' from an internal quarter section line to a proposed stand-up 320 acre gas proration unit designation. There are no existing fields within several miles of the proposed location and we are anticipating deep gas production, not oil, from our targeted depth.

This proposed internal NSL, as illustrated on attached maps, is based primarily on a seismic amplitude anomaly versus strictly structure related. This location is necessary in order to drill where the seismic anomaly has its maximum amplitude and thus increase our potential for an economically viable well.

As Pure Resources, L. P. has 100% Working Interest Ownership within all of Section 23, and the lease is a Fee lease, and this location in an internal Non-Standard Location, no other parties or offsets are affected by this application. *Fee by our records*

We currently have a rig scheduled to spud this well on or about December 9, 2002, and since this well's location best provides for prevention of waste while protecting correlative rights, your immediate attention and approval of this application will be greatly appreciated. Should you need any additional information concerning this application, please contact me at (915) 498-8662.

Sincerely yours,

  
Alan W. Bohling  
Regulatory Analyst

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

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

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**

<sup>1</sup> Operator Name and Address Pure Resources, L.P. 500 W. Illinois Midland, Texas 79701		<sup>2</sup> OGRID Number 150628
		<sup>3</sup> API Number
<sup>4</sup> Property Code	<sup>5</sup> Property Name Waller "23"	<sup>6</sup> Well No. 1

**<sup>7</sup> Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	23	12 S	28 E		2,073	South	983	East	Chaves

**<sup>8</sup> 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
<sup>9</sup> Proposed Pool 1 Wildcat (all zones Wolfcamp or deeper)					<sup>10</sup> Proposed Pool 2 Wildcat (Mississippian)				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3,640'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 8,600'	<sup>18</sup> Formation (all zones Wolfcamp or deeper)	<sup>19</sup> Contractor Patterson-UTI	<sup>20</sup> Spud Date 12/09/2002

**<sup>21</sup> 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	350'	325	Surface
11"	8-5/8"	24	1,800'	425	Surface
7-7/8"	5-1/2"	17	8,600'	1,299	Surface

<sup>22</sup> 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.

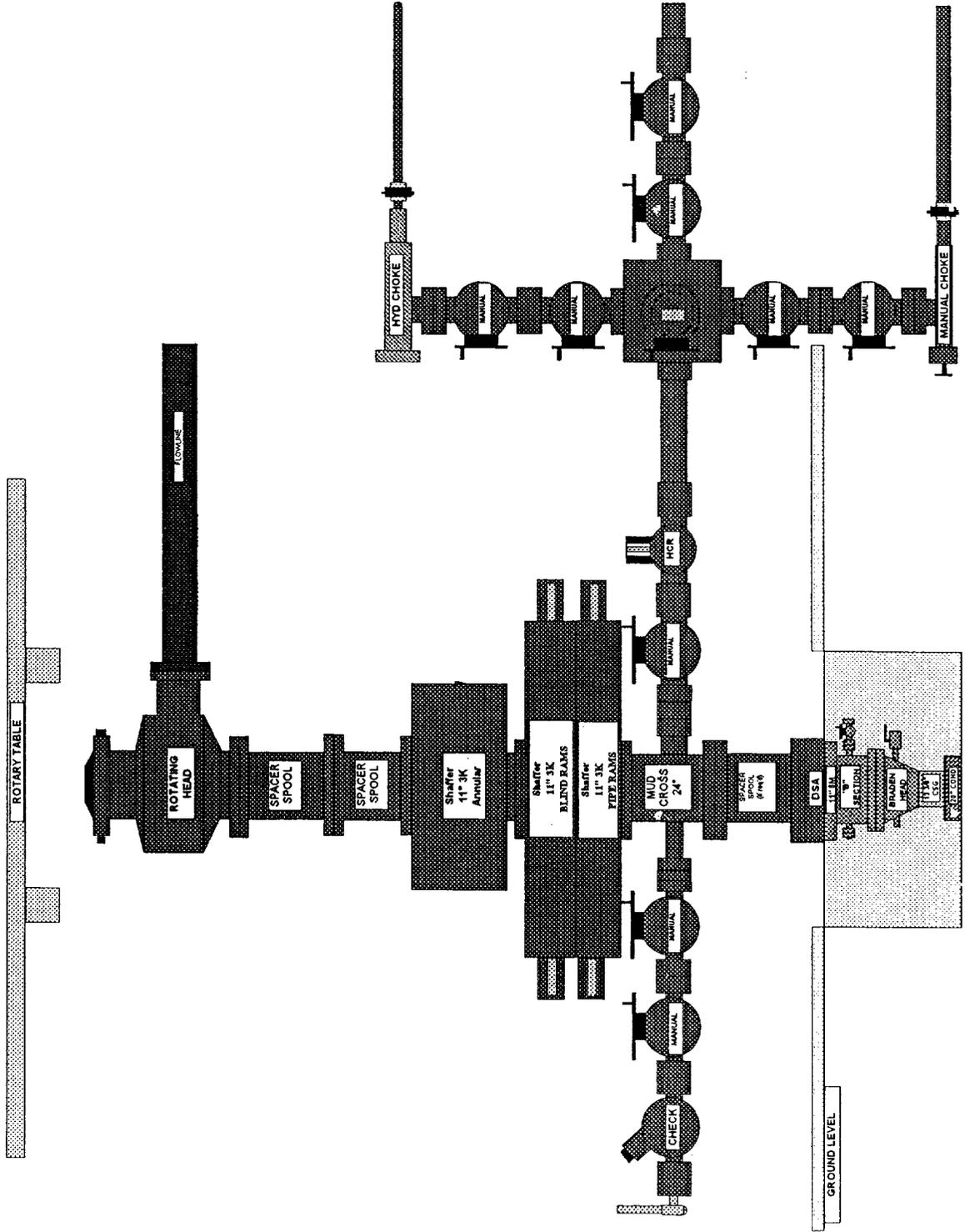
Pure Resources, L. P. plans to drill the Waller "23" No. 1 well to a depth of 8,600' and complete as a Wildcat (Wolfcamp or deeper zone) gas well.

Proposed casing points are at 350', 1,800' and 8,600'. The rig is equipped with Shaffer 11", 3K WP Type E BOP with H2S trim; a Shaffer Spherical 11", 3K annular with H2S trim and a 2", 5K choke manifold. An accumulator system will be used to remotely operate the equipment. A rotating head will be used. A SRRAG configuration will be used once the surface casing is set and until TD is reached.

(See attached BOP schematic)

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Alan W. Bohling</i>		Approved by:	
Printed Name: Alan W. Bohling		Title:	
Title: Regulatory Analyst		Approval Date:	Expiration Date:
Date: 12/03/2002	Phone: (915)498-8662	Conditions of Approval: Attached <input type="checkbox"/>	

Pure Resources  
 Patterson-UTI #495  
 BOP EQUIPMENT



DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

AMENDED REPORT

DISTRICT III  
1000 Rio Brasos Rd., Asteo, NM 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Wildcat (all zones Wolfcamp or deeper)
Property Code	Property Name	Well Number
	WALLER "23"	1
OGRID No.	Operator Name	Elevation
150628	PURE RESOURCES, L.P.	3640

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	23	12 S	28 E		2073	SOUTH	983	EAST	CHAVES

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	Joint or Infill	Consolidation Code	Order No.						
320									

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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Alan W. Bohling</i> Signature</p> <p>Alan W. Bohling Printed Name</p> <p>Regulatory Analyst Title</p> <p>12/03/2002 Date</p>	
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>November 19, 2002 Date Surveyed</p> <p>Signature &amp; Seal of Professional Surveyor LVA (12185)</p> <p>W.O. Num. 2002-0699-S</p> <p>Certificate No. MACON McDONALD 12185</p>	
	<p>NOTE:</p> <p>1) Plane Coordinates shown hereon are Transverse Mercator and Conform to the "New Mexico Coordinate System", New Mexico East Zone. Distances shown hereon are mean horizontal surface values.</p>	
	<p>Plane Coordinate X = 572,194.0 Y = 822,761.0</p>	

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

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Energy, Minerals & Natural Resources Department

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OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name Wildcat (all zones Wolfcamp or deeper)
Property Code	Property Name WALLER "23"	Well Number 1
OGRID No. 150628	Operator Name PURE RESOURCES, L.P.	Elevation 3640

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	23	12 S	28 E		2073	SOUTH	983	EAST	CHAVES

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	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

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Santa Fe, NM 87505

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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		Wildcat (all zones Wolfcamp or deeper)
Property Code	Property Name	Well Number
	WALLER "23"	1
OGRID No.	Operator Name	Elevation
150628	PURE RESOURCES, L.P.	3640

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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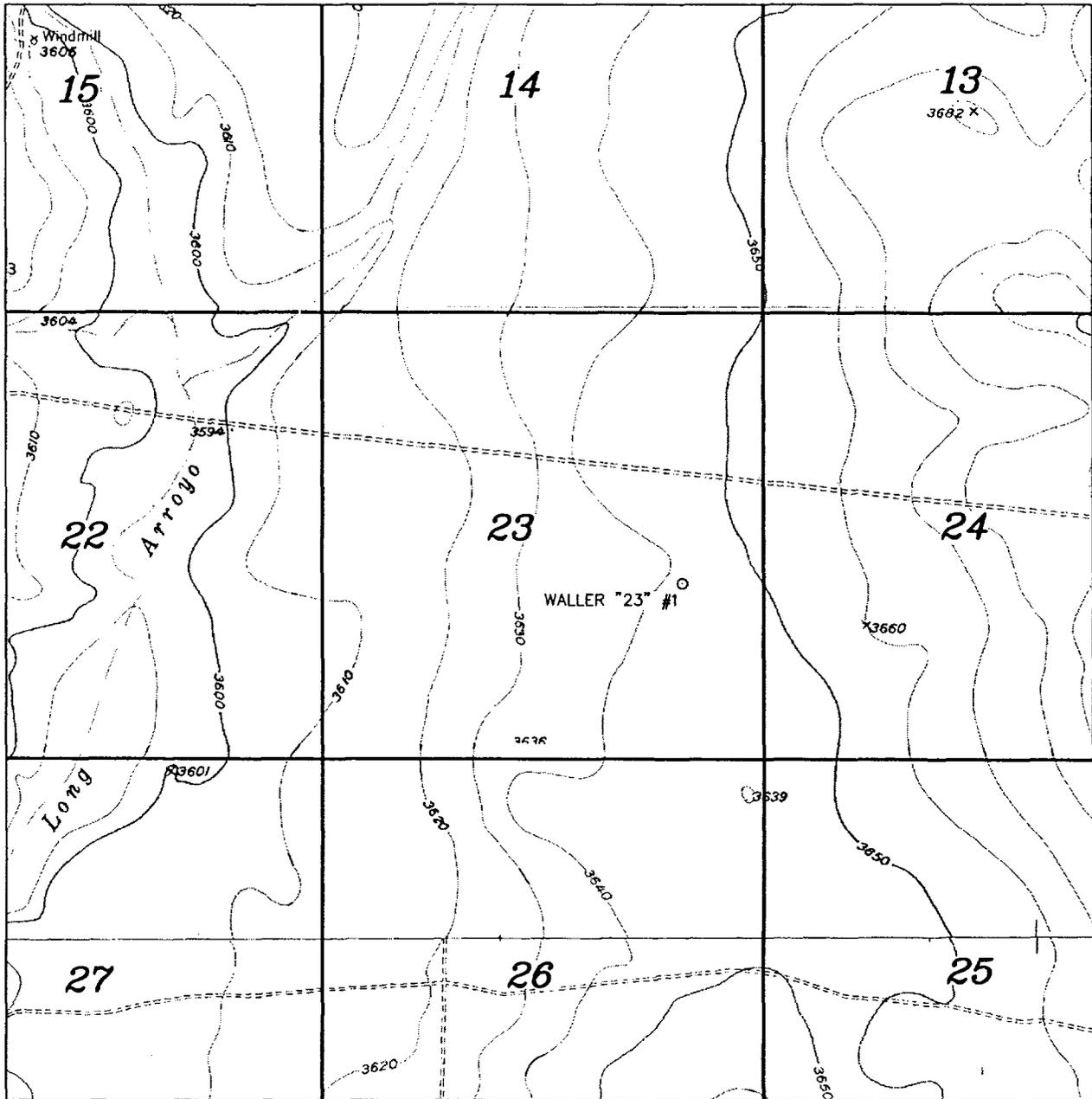
Bottom Hole Location If Different From Surface

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

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<p>NOTE:</p> <p>1) Plane Coordinates shown hereon are Transverse Mercator and Conform to the "New Mexico Coordinate System", New Mexico East Zone. Distances shown hereon are mean horizontal surface values.</p>	<p>Plane Coordinate X = 572,194.0 Y = 822,761.0</p> <p>983'</p> <p>2073'</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Alan W. Bohling</i> Signature</p> <p>Alan W. Bohling Printed Name</p> <p>Regulatory Analyst Title</p> <p>12/03/2002 Date</p>
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		<p>LVA</p>

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
MALSTROM RANCH - 10'

SEC. 23 TWP. 12-S RGE. 28-E

SURVEY \_\_\_\_\_ N.M.P.M.

COUNTY \_\_\_\_\_ CHAVES

DESCRIPTION 2073' FSL & 983' FEL

ELEVATION \_\_\_\_\_ 3640

OPERATOR PURE RESOURCES, L.P.

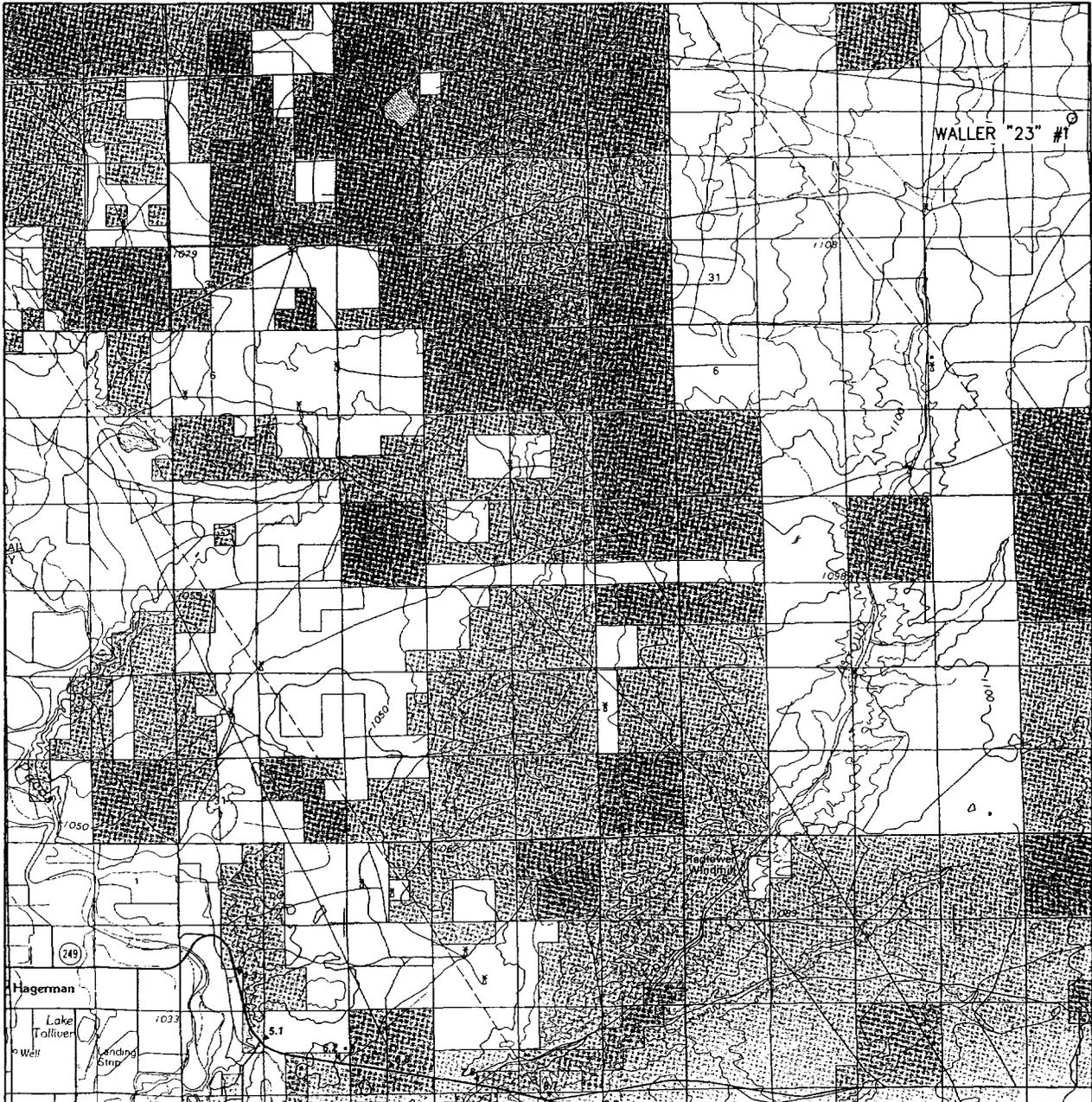
LEASE \_\_\_\_\_ WALLER "23"

U.S.G.S. TOPOGRAPHIC MAP  
MALSTROM RANCH, N.M.



110 W. LOUISIANA, STE. 110  
MIDLAND TEXAS, 79701  
(915) 687-0865 - (915) 687-0868 FAX

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 23 TWP. 12-S RGE. 28-E

SURVEY N.M.P.M.

COUNTY CHAVES

DESCRIPTION 2073' FSL & 983' FEL

ELEVATION 3640

OPERATOR PURE RESOURCES, L.P.

LEASE WALLER "23"



110 W. LOUISIANA, STE. 110  
MIDLAND TEXAS, 79701  
(915) 687-0865 - (915) 687-0868 FAX



TRANSMITTAL COVER SHEET

OIL CONSERVATION DIVISION  
1220 S. ST. FRANCIS DRIVE  
SANTA FE, NM 87505  
(505) 476-3440  
(505)476-3462 (Fax)

PLEASE DELIVER THIS FAX: (OD-ARTESTA)

TO:

<sup>2</sup> ALAN BOHLING - PURE RESOURCES L.P.

FROM:

WILL JONES

DATE:

12/5/02

PAGES:

C+1

SUBJECT:

NSL-4817      Waller 23" #1

Sent 12/5/02 6PM

IF YOU HAVE TROUBLE RECEIVING THIS FAX, PLEASE CALL THE OFFICE NUMBER ABOVE.

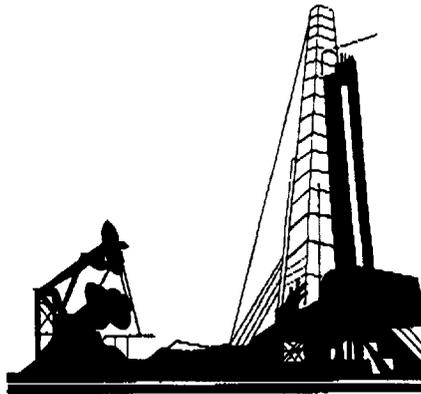
TRANSACTION REPORT

P. 01

DEC-05-2002 THU 06:06 PM

FOR:

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DEC-05	06:06 PM	919156873863	29"	2	SEND	OK	014	
TOTAL :						29S PAGES:	2	



TRANSMITTAL COVER SHEET

OIL CONSERVATION DIVISION  
 1220 S. ST. FRANCIS DRIVE  
 SANTA FE, NM 87505  
 (505) 476-3440  
 (505)476-3462 (Fax)

PLEASE DELIVER THIS FAX: (OD-ARTESTA)

TO: ALAN BAHLING - PURE Reason, L.P.

FROM: WILL JONES

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

12/05/02 17:44:04  
OGOWVJ -TPEG  
PAGE NO: 1

Sec : 23 Twp : 12S Rng : 28E Section Type : NORMAL

D 40.00  Federal owned	C 40.00  Federal owned	B 40.00  Federal owned	A 40.00  Federal owned
E 40.00  Federal owned	F 40.00  Federal owned	G 40.00  Federal owned	H 40.00  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

12/05/02 17:44:09  
OGOWVJ -TPEG  
PAGE NO: 2

Sec : 23 fwp : 12S Rng : 28E Section Type : NORMAL

L 40.00  Federal owned	K 40.00  Federal owned	J 40.00  Federal owned	I 40.00  Federal owned
M 40.00  Federal owned	N 40.00  Federal owned	O 40.00  Federal owned	P 40.00  Federal owned

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE