

DATE IN 12/4/02	SUBMITTED 12/24/02	ENGINEER	LOGGED IN <i>KN</i>	TYPE <i>NSL</i>	APP NO. 233928398
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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 _____

- [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.

Fea by our records
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.

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
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

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 Pure Resources, L.P. 500 W. Illinois Midland, Texas 79701		² OGRID Number 150628
		³ API Number
⁴ Property Code	⁵ Property Name Waller "23"	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
I	23	12 S	28 E		2,073	South	983	East	Chaves

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 Wildcat (all zones Wolfcamp or deeper)	¹⁰ Proposed Pool 2 Wildcat (Mississippian)
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¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3,640'
¹⁶ Multiple No	¹⁷ Proposed Depth 8,600'	¹⁸ Formation (all zones Wolfcamp or deeper)	¹⁹ Contractor Patterson-UTI	²⁰ Spud Date 12/09/2002

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

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.

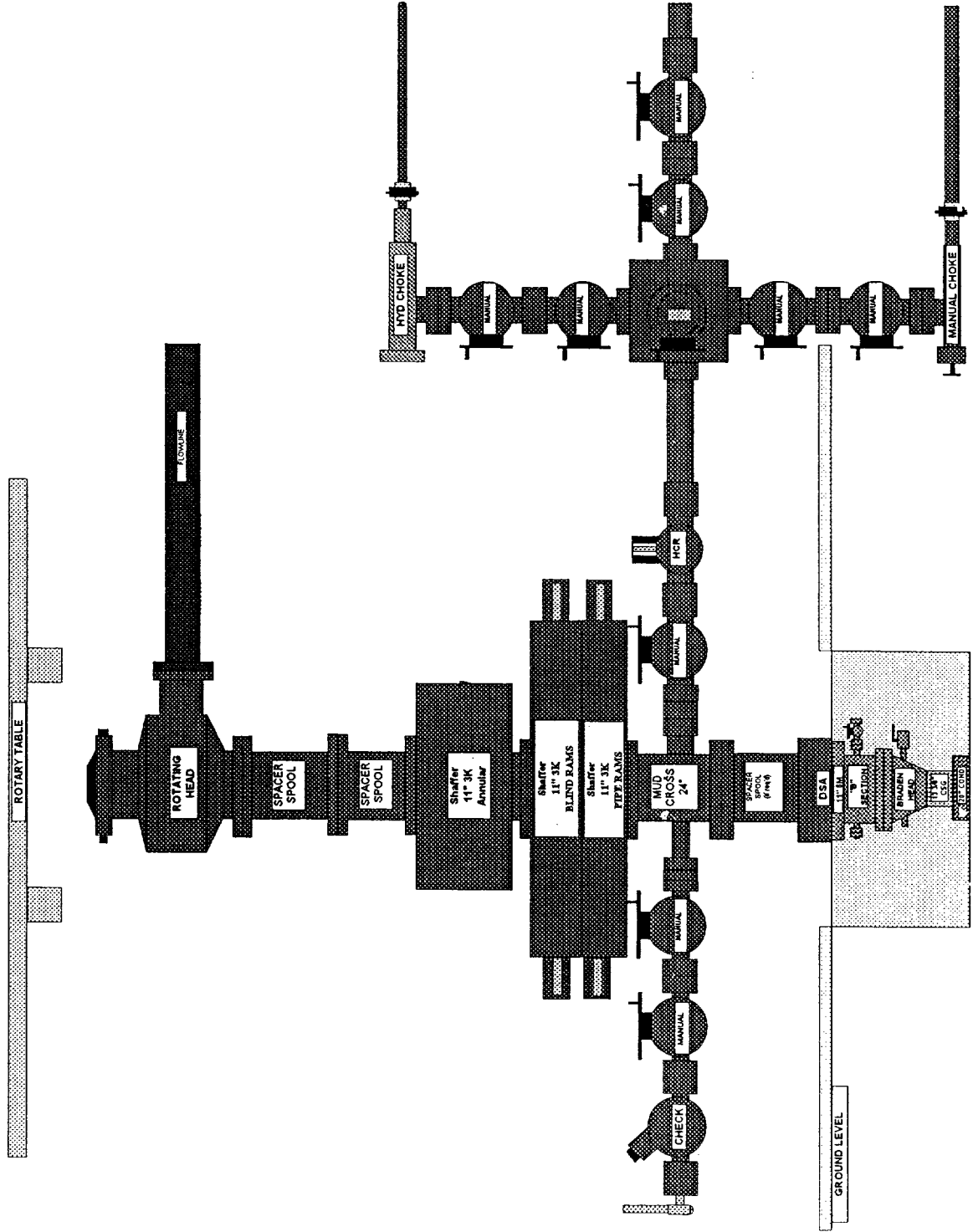
Pure Resources, L. P. plans to drill the Waller "23" No. 1 well to a depth of 8,600' and complete as a Wildcat (Wolfcamp or deeper zone) gas well.

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)

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: <i>Alan W. Bohling</i>			
Printed Name: Alan W. Bohling		Approved by:	
Title: Regulatory Analyst		Title:	
Date: 12/03/2002		Approval Date:	
Phone: (915)498-8662		Expiration Date:	
		Conditions of Approval:	
		Attached <input type="checkbox"/>	

**Pure Resources
Patterson-UTI #495
BOP EQUIPMENT**



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

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
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		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 320	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

<div style="border: 2px dashed black; width: 100%; height: 100%; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> <p>Plane Coordinate</p> <p>X = 572,194.0</p> <p>Y = 822,761.0</p> </div> <div style="position: absolute; top: 40%; left: 55%;"> <p>56'</p> </div> <div style="position: absolute; top: 40%; left: 60%;"> <p>983'</p> </div> <div style="position: absolute; top: 60%; left: 55%;"> <p>2073'</p> </div> </div>	<div style="border: 1px solid black; padding: 5px;"> <p align="center">OPERATOR CERTIFICATION</p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> <p align="center"><i>Alan Bohling</i></p> </div> <p align="center">Signature</p> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> <p align="center">Alan W. Bohling</p> </div> <p align="center">Printed Name</p> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> <p align="center">Regulatory Analyst</p> </div> <p align="center">Title</p> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> <p align="center">12/03/2002</p> </div> <p align="center">Date</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p align="center">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> <p align="center">November 19, 2002</p> </div> <p align="center">Date Surveyed</p> <div style="display: flex; justify-content: space-between;"> <div style="border-bottom: 1px solid black; width: 60%;"> <p align="center"><i>[Signature]</i></p> </div> <div> <p align="center">LVA</p> </div> </div> <p align="center">Signature & Seal of Professional Surveyor</p> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> <p align="center">W.O. Num. 2002-0699-S</p> </div> <p align="center">Certificate No. MACON McDONALD 12185</p> </div>
<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>	

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

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
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. 1	Section 23	Township 12 S	Range 28 E	Lot Idn	Feet from the 2073	North/South line SOUTH	Feet from the 983	East/West line EAST	County CHAVES
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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 320	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

<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>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 Alan W. Bohling Printed Name Regulatory Analyst Title 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 Signature & Seal of Professional Surveyor 12185 W.O. Num. 2002-0699-S Certification No. MACON McDONALD 12185</p>

☐ AMENDED REPORT

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

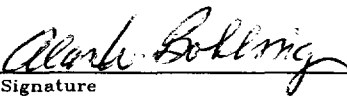
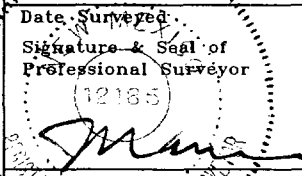
Surface Location

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

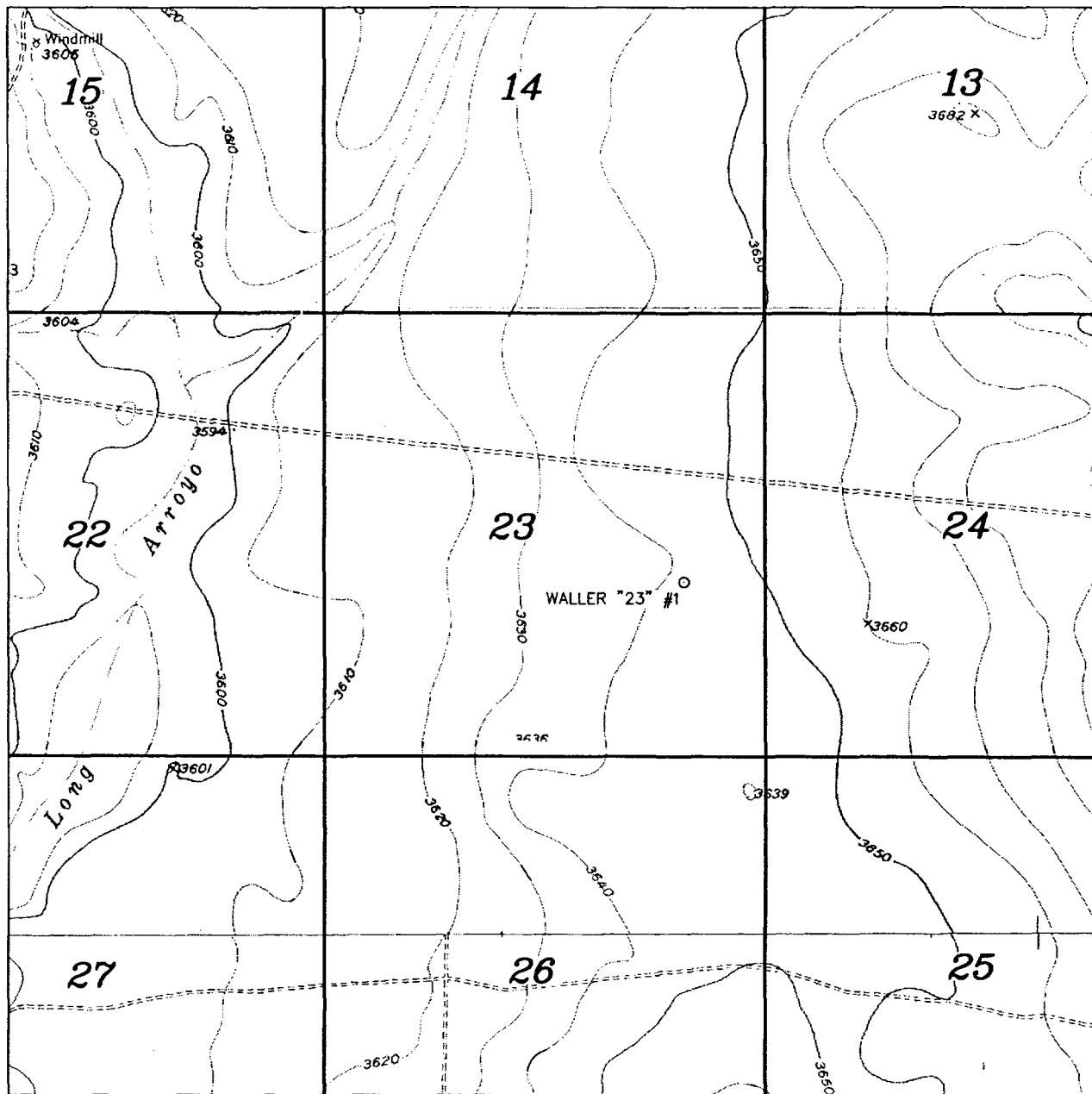
Bottom Hole Location If Different From Surface

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

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<div style="border: 2px dashed black; width: 80%; margin: 0 auto; padding: 10px; text-align: center;"> <p><u>Plane Coordinate</u> X = 572,194.0 Y = 822,761.0</p> </div> <div style="margin-top: 20px;"> <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> </div>	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <div style="text-align: center; margin-top: 10px;">  Signature </div> <div style="text-align: center; margin-top: 10px;"> Alan W. Bohling Printed Name </div> <div style="text-align: center; margin-top: 10px;"> Regulatory Analyst Title </div> <div style="text-align: center; margin-top: 10px;"> 12/03/2002 Date </div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <div style="text-align: center; margin-top: 10px;"> November 19, 2002 Date Surveyed </div> <div style="text-align: center; margin-top: 10px;">  Signature & Seal of Professional Surveyor </div> <div style="text-align: center; margin-top: 10px;"> W.O. Num. 2002-0699-S Certificate No. </div> <div style="text-align: right; margin-top: 10px;"> LVA 12185 </div> </div>
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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"

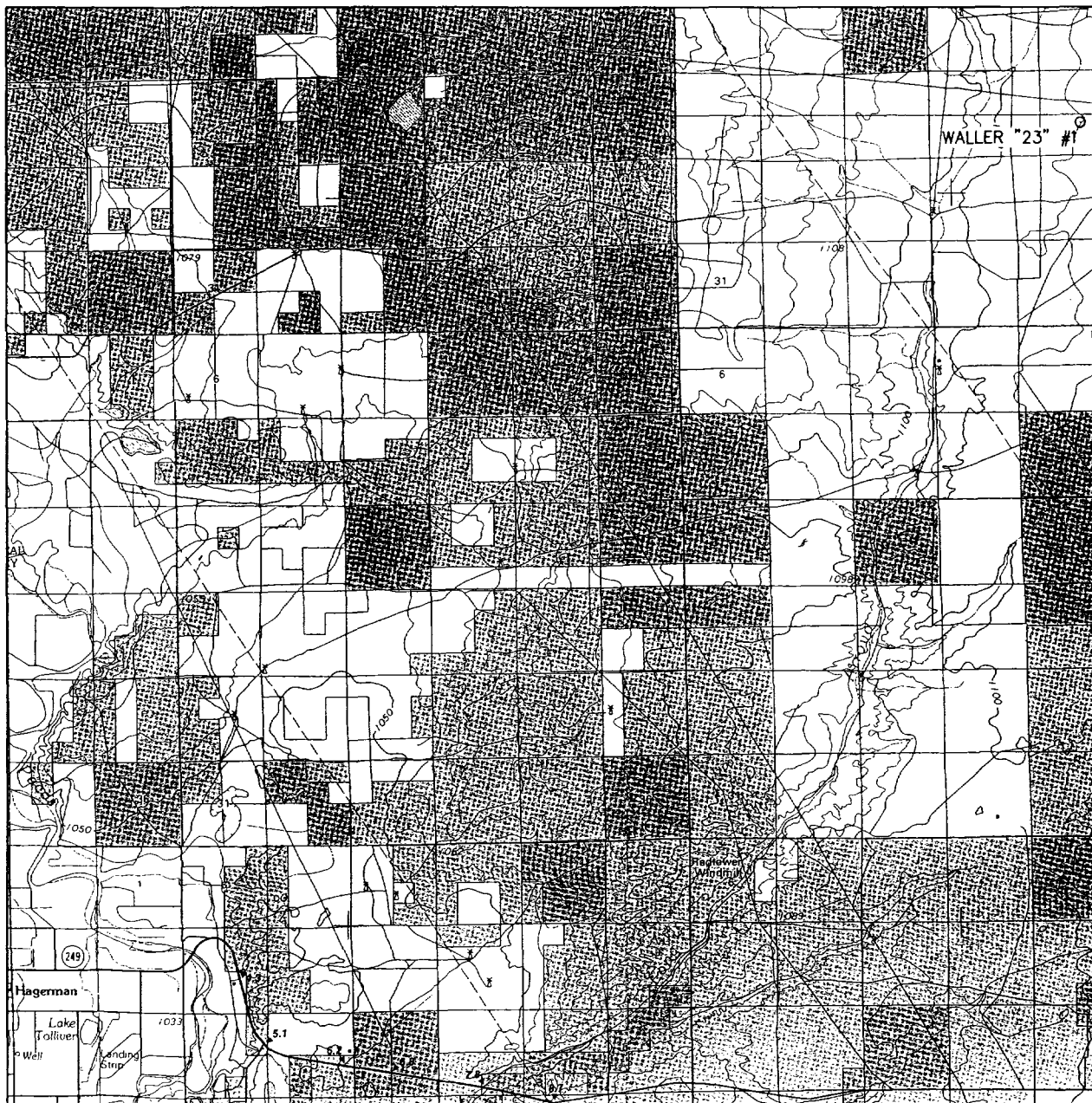
U.S.G.S. TOPOGRAPHIC MAP
MALSTROM RANCH, N.M.



**WEST
COMPANY**
of Midland, Inc.

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"



**WEST
COMPANY**
of Midland, Inc.

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-ARTESA)

TO:

² ALAN BOHLING - PURE Rosamond L.P.

FROM:

WILL JONES

DATE:

12/5/02

PAGES:

C + 1

SUBJECT:

NSL- 4817 Waller 23" #1

Sent 12/5/02 6 PM

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

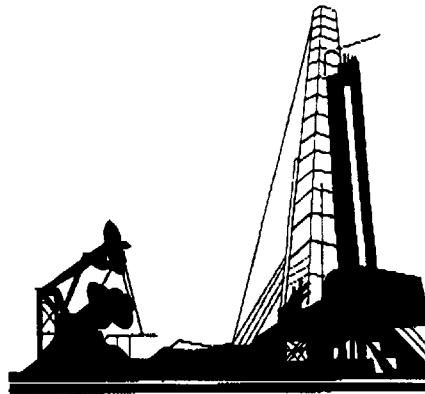
TRANSACTION REPORT

P. 01

DEC-05-2002 THU 06:06 PM

FOR:

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
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 RESOURCES 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	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

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

Sec : 23 Twp : 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