

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
March 4, 2004

Oil Conservation Division
1220 South St. Francis Dr.
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

¹ Operator Name and Address Pure Resources, L. P. 500 W. Illinois Midland, Texas 79701		² OGRID Number 150628
		³ API Number 30 - 025-33826
³ Property Code 26773	⁵ Property Name Brunson Argo	⁶ Well No. 23

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
E	10	22S	37E		1800	North	560	West	Lea

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 Drinkard (19190)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P, A	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3.407
¹⁶ Multiple NO	¹⁷ Proposed Depth 6,538'	¹⁸ Formation Drinkard	¹⁹ Contractor	²⁰ Spud Date

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	36#	1,140'	500 "C" Circ. 75sx	0' (Surface)
8-3/4"	7"	26#	7,350'	825 POZ, 1stg. Circ. 120, 3rdg. 141510	4,003'
		DV Tool	4,003'	1275sx. 2nd stg. Circ. 90	0' (Surface)

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback

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. If a pit or below-grade tank is being used in the program, complete the reverse side of this form. Use additional sheets if necessary. Permission is requested to plug-back and test the Drinkard zone in preparation to DHC the current Wantz; Abo and Drinkard production. This well was drilled to a TD of 7,350'; PBTD of 7,284'. It is presently completed in the Wantz; Abo Pool from 6,620'-7,195'. Permission is requested to acidize perfs in the Wantz; Abo and swab test. Then to perforate the Drinkard from 6,224'-6,538' (46 holes), set an RBP @ 6,600', test, acidize, fracture treat, flowback & swab test. If the Drinkard zone proves viable, plans are to retrieve the RBP, RIH w/production equipment & DHC produce Wantz; Abo & Drinkard zones pursuant to OCD Division Order No. R-11363 (DHC C-103 to follow). BOP Equipment: 3,000 psi WP, double ram. No pits (see attached C-103 for explanation/request).

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

Signature: *Alan W. Bohling*
Printed name: Alan W. Bohling

Title: Regulatory Agent

E-mail Address: abohling@pure resources.com

Date: 06/04/2004

Phone: (432) 498-8662

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

JUN 09 2004

Expiration Date:

PETROLEUM ENGINEER

Conditions of Approval:

Attached ☐

DISTRICT I

P.O. Box 1980, Hobbs, NM 86241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II

P.O. Drawer ED, Artesia, NM 86211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. 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 30-025-33826	Pool Code 19190	Pool Name Drinkard
Property Code 26773	Property Name BRUNSON ARGO	Well Number 23
OGRID No. 150628	Operator Name Pure Resources, L. P.	Elevation 3407

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	10	22 S	37 E		1800	NORTH	560	WEST	LEA

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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.		
	<u>Alan W. Bohling</u> Signature		
	Alan W. Bohling Printed Name		
	Regulatory Agent Title		
June 4, 2004 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.			
FEBRUARY 7, 1997 Date Surveyed			
Signature & Seal of Professional Surveyor 			
Certificate No. JOHN W. WEST, 676 RONALD A. EIDSON, 3239 GARY G. EIDSON, 12641			