

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  
May 27, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address <b>Pure Resources, L. P. 500 W. Illinois Midland, Texas 79705</b>		<sup>2</sup> OGRID Number <b>150628</b>
		<sup>3</sup> API Number <b>30 - 025-06680</b>
<sup>4</sup> Property Code <b>26766</b>	<sup>5</sup> Property Name <b>J. G. Randle</b>	<sup>6</sup> Well No. <b>1</b>
<sup>9</sup> Proposed Pool 1 <b>Blinebry Oil &amp; Gas (Oil) (06660)</b>		<sup>10</sup> Proposed Pool 2 <b>Drinkard (19190)</b>

**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
<b>G</b>	<b>20</b>	<b>21S</b>	<b>37E</b>		<b>1980</b>	<b>North</b>	<b>1980</b>	<b>East</b>	<b>LEA</b>

**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

**Additional Well Information**

<sup>11</sup> Work Type Code <b>P E &amp; A</b>	<sup>12</sup> Well Type Code <b>O</b>	<sup>13</sup> Cable/Rotary <b>R</b>	<sup>14</sup> Lease Type Code <b>P</b>	<sup>15</sup> Ground Level Elevation <b>3.494'</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>6,675'</b>	<sup>18</sup> Formation <b>Drinkard</b>	<sup>19</sup> Contractor <b>To be determined</b>	<sup>20</sup> Spud Date <b>Upon Approval</b>
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method:				
Closed-Loop System <input type="checkbox"/> <b>NA, Steel Tanks will be utilized w/spill containment on BOP.</b> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>17-1/4"</b>	<b>13"</b>	<b>40# H-40</b>	<b>228'</b>	<b>200sx</b>	<b>Surface</b>
<b>11"</b>	<b>8-5/8"</b>	<b>28 &amp; 32# H-40</b>	<b>2,871'</b>	<b>1,500sx</b>	<b>TOC@475' by TS</b>
<b>7-3/8"</b>	<b>5-1/2"</b>	<b>17# J-55</b>	<b>7,550'</b>	<b>650sx</b>	<b>TOC@2,825' by TS</b>

**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. respectfully requests permission to enter into this wellbore, currently producing from the Blinebry formation, run GR-N-CCL log, add new perforations within the Blinebry zone (as per log information-approx 20 holes), RIH w/pkr & acidize Blinebry perforations w/8000 gals 15% NEFE acid dropping 60 BS to divert. SWAB test to clean up and obtain representative rates. Once production test information is acquired, then POH w/pkr, RIH w/bit, DC's on 2-7/8" tbg & drill out cmt & CIBP @ 6,113'. Clean out to CIBP @ 6,675'. Run GR-N-CCL from new PBTD to 6,100'. Perforate additional 40 holes in Drinkard, GIH w/treating pkr, set pkr & test annulus to 500psi. Acidize Drinkard w/8000 gals in 4 stages using salt blocks between stages. Swab test to clean up and obtain representative rate. Once rates are obtained and percentages determined from each zone, submit request to DHC the Blinebry & Drinkard production as per OCD Order No. R-11363, Amending Rule 303.C (Case No. 12346 w/Exhibit "A"), dtd. April 26, 2006. When approved, then POH w/pkr & tbg., RIH w/2-3/8" CA testing tubing to 6000'. ND BOP. Run rods & pump. Test Produce for DHC rate.

3000 WP BOPE with Spill Containment will be utilized.

**23** I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: **Alan W. Bohling**  
Title: **Regulatory Agent**  
E-mail Address: **abohling@pureresources.com**

Date: 02/11/2005 Phone: (432) 498-8662

**OIL CONSERVATION DIVISION**

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval Attached ☒

Permit Expires 1 Year From Approval

Date Unless Drilling Underway

Plugback

Approval to plugback and test Drinkard, **Cannot** produce  
Downhole commingled until DHC is approved.

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised June 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-06680	<sup>2</sup> Pool Code 06660	<sup>3</sup> Pool Name Blincbry Oil & Gas (Oil)
<sup>4</sup> Property Code 026766	<sup>5</sup> Property Name J. G. Randle	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 150628	<sup>8</sup> Operator Name Pure Resources, L. P.	<sup>9</sup> Elevation 3,494'


<sup>10</sup> Surface Location

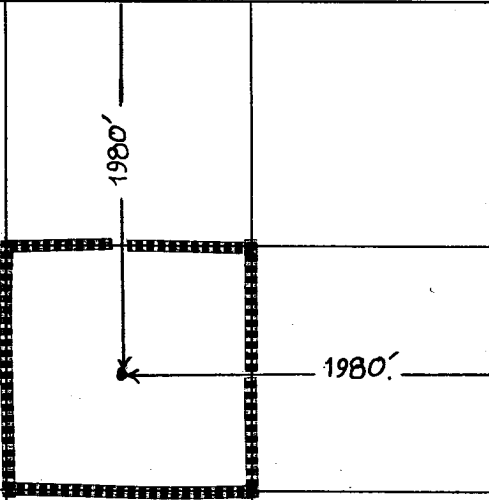
UL or lot no. G	Section 20	Township 21S	Range 37E	Lot Idn	Feet from the 1,980	North/South line North	Feet from the 1,980	East/West line East	County LEA
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup>						<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Alan W. Bohling Printed Name Regulatory Agent Title and E-mail Address 02/11/2005 Date
						<sup>18</sup> SURVEYOR CERTIFICATION <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> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number



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Revised June 10, 2003  
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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-06680		<sup>2</sup> Pool Code 19190		<sup>3</sup> Pool Name Drinkard	
<sup>4</sup> Property Code 026766		<sup>5</sup> Property Name J. G. Randle			<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 150628		<sup>8</sup> Operator Name Pure Resources, L. P.			<sup>9</sup> Elevation 3,494'

<sup>10</sup> Surface Location

UL or lot no. G	Section 20	Township 21S	Range 37E	Lot Idn	Feet from the 1,980	North/South line North	Feet from the 1,980	East/West line East	County LEA
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<sup>11</sup> 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>12</sup> Dedicated Acres 40		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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

<sup>16</sup>	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature <b>Alan W. Bohling</b> Printed Name <b>Regulatory Agent</b> Title and E-mail Address <b>02/11/2005</b> Date
	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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.
	Date of Survey Signature and Seal of Professional Surveyor:
	Certificate Number

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Office  
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State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-06680
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 26766
7. Lease Name or Unit Agreement Name J. G. Randle
8. Well Number 1
9. OGRID Number 150628
10. Pool name or Wildcat Drinkard (19190)

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH  
PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Pure Resources, L. P.

3. Address of Operator

500 W. Illinois Midland, Texas 79701

4. Well Location

Unit Letter G: 1980 feet from the North line and 1980 feet from the East line  
Section 20 Township 21S Range 37E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,494' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: Use Steel Tanks & BOP Stack Spill Containment ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Pure Resources, L. P. proposes to use steel Frac Tanks versus any pit construction for the purposes of re-completing this wellbore in the Drinkard zone. Therefore, we request exemption from C-144 or Pit Registration for this well work. The frac tanks will be 500 Bbls in size. The number used will vary based on results from perforating and fracture treating. Anticipate from 1-3 tanks. The supplier for these tanks is indeterminate now and subject to availability at time work actually begins. A spill containment device is planned to be used on the BOP stack to catch any minimal fluids from tripping in and out of well. Vacuum trucks will be used to haul off excess from tanks prior to overfill.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Alan W. Bohling TITLE Regulatory Agent DATE 02/11/2005

Type or print name Alan W. Bohling E-mail address: aboehling@pureresources.com Telephone No. (432) 498-8662

For State Use Only

APPROVED BY:

Conditions of Approval (if any):

ORIGINAL SIGNED BY  
PAUL F. KAUF  
PETROLEUM ENGINEER

FEB 18 2005