

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

¹ Operator Name and Address Pure Resources, L. P. 500 W. Illinois Midland, Texas 79701		² OGRID Number 150628
³ Property Code 26764		⁴ Property Name State "DC"
⁵ Proposed Pool 1 Blinebry Oil & Gas (Oil) (06660)		⁶ Well No. 3
⁷ Surface Location		⁸ Proposed Pool 2 Drinkard (19190)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	19	21S	37E		1,866	North	2,195	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

Additional Well Information

¹¹ Work Type Code P and A	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3,511' GR
¹⁶ Multiple No	¹⁷ Proposed Depth 6,820'	¹⁸ Formation Blinebry	¹⁹ Contractor Pool Well Service	²⁰ Spud Date ASAP
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: NA-Workover Rig—No Drilling. Closed-Loop System <input type="checkbox"/> NA-Steel Tanks will be utilized w/spill containment device on BOP. Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air				

²¹ Proposed Existing Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8-5/8"	24# J-55	1,220'	555sx	Surface
7-7/8"	5-1/2"	17# J-55	7,825'	1,782sx	TOC @ 2,230' CBL

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. respectively requests to temporarily plug back this well and test in the Blinebry zone to establish rates to DHC with Drinkard zone per the following proposed procedure:

- 1) MIRU. POH w/rods & pump equip. Release TAC. NU BOP. POH w/CA. Tag bottom & check for fill. Clean out as necessary.
- 2) GIH w/pkr on 2-3/8" tbg., set pkr. @ 6513', test csg to 1000#. Acidize existing Drinkard perfs f/6613'-6571' w/3000g 15% NEFE dropping 45 BS.
- 3) Swab test & establish rates. POH w/pkr. GIH w/RBP on 2-3/8" tbg. & set @ 6,500'. Test to 1000#. POH. RU Wireline & packoff.
- 4) Perf Blinebry zn w/1spf @ 5500', 08', 12', 22', 33', 43', 51', 62', 72', 82', 98', 5611', 20', 38', 48', 71', 83', 94', 5708', 16', 42', 50', 64', 5817', 40', 56', 70', 84', 5904', 24', 42', 60', 90' - Total 33 Holes.
- 5) GIH w/ pkr on 2-3/8" tbg. Spot acid across perfs, Acidize Blinebry w/3000g 15% NEFE dropping 45 BS. Swab test to determine water cut.
- 6) POH w/ pkr. NU frac valve, frac Blinebry w/ 40,000g gel & 80,000# resin coated 20/40 ottawa sand or sandwedge @ 60 BPM. GIH w/pkr.
- 7) Swab test until sand dissipates & obtain representative rates. POH w/ pkr. GIH w/RBP retrieving head & retrieve RBP @ 6500'. GIH w/prod.

BOP Equipment to be 3000psi+ WP. Steel Tanks will be utilized with spill containment device on BOP Stack

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: 04/21/2005

Phone: (432) 498-8662

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval Attached ☒

Approval for Plugback to the Blinebry. **Cannot**
Downhole commingle 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

¹ API Number 30-025-34401	² Pool Code 06660	³ Pool Name Blinebry Oil & Gas (Oil)
⁴ Property Code 26764	⁵ Property Name State "DC"	
⁷ OGRID No. 150628	⁸ Operator Name Pure Resources, L. P.	
		⁶ Well Number 3
		⁹ Elevation 3,511' GR

¹⁰ Surface Location

UL or lot no. F	Section 19	Township 21S	Range 37E	Lot Idn	Feet from the 1,866	North/South line North	Feet from the 2195	East/West line West	County LEA
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¹¹ 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
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

¹⁶	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Alan W. Bohling</i> Signature Alan W. Bohling Printed Name Regulatory Agent abohling@pureresources.com Title and E-mail Address 03/08/2005 Date	
	¹⁸ 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. Date of Survey Signature and Seal of Professional Surveyor:	
	<p><i>Note: Well #1 is currently being plugged back and the Blinebry Oil & Gas (Oil) & Drinkard zones will be abandoned and not produced from this wellbore.</i></p>	
	Certificate Number	

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-34401	² Pool Code 19190	³ Pool Name Drinkard
⁴ Property Code 26764	⁵ Property Name State "DC"	
⁷ OGRID No. 150628	⁸ Operator Name Pure Resources, L. P.	
		⁶ Well Number 3
		⁹ Elevation 3,511' GR

¹⁰ Surface Location

UL or lot no. F	Section 19	Township 21S	Range 37E	Lot Idn	Feet from the 1,866	North/South line North	Feet from the 2195	East/West line West	County LEA
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	¹⁸ 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.
	Date of Survey Signature and Seal of Professional Surveyor:
	Certificate Number

Note: Well #1 is currently being plugged back and the Blinebry Oil & Gas (Oil) & Drinkard zones will be abandoned and not produced from this wellbore.

A.P.I. Number: 30-025-34401

Well Bore Schematic
Current WBS

WI = 100 %
NRI = 87.5 %

Lease: STATE DC Well: 3 Field: -

Location: 1866 feet FNL & 2195 feet FWL Section 19 Township 21S Range 37E

Unit K Block K Survey - LEA County NM State

Spud Date: 5-25-98
Completion Date: 7-1-98

GL 3511
OF
KB 3523

Surface Casing

8 5/8 " OD, 24 #/ft, grade J-SS
Casing Set at 1220
Cmt with 555 sks, Circ - sks
Hole Size: 11 "

Intermediate Casing

- " OD, - #/ft, grade -
Casing Set at -
Cmt with - sks, Circ - sks
TOC @ - by -
Hole Size: - "

<u>MA</u>	<u>VATES 2604</u>
<u>PERF 5-8</u>	<u>GRBG 3475</u>
<u>SN @ 7178</u>	<u>PADDOCK 5152</u>
<u>12 JTS 2 3/8</u>	<u>BLINEBRY 5678</u>
<u>TAC</u>	<u>TURBIS 6186</u>
<u>180 JTS 2 3/8</u>	<u>DRINKARD 6360</u>
<u>2" x 1 1/8" x</u>	<u>ABO 6790</u>
<u>180-34</u>	<u>SILURIAN 7507</u>
<u>87-78</u>	

Current Perforations:

6887-7105 : A w/ 2500 GAL, A w/ 10000
CUL 20% GELLED
1619A DRINKARD A/ 2000 G21
F/ 21900 92L 5000 # 100 mesh 5478.7 # 16-30
SCREEN OUT w/ 29000 # IN FORM.

DRINKARD
6613-6751 (30 HOLES)

ABO 6887-7105
W/ 25PF (20 HOLES)

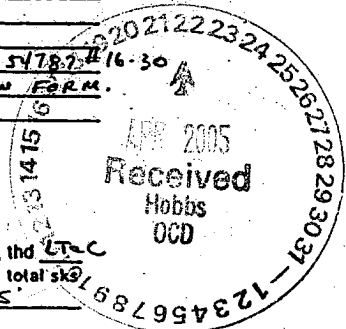
PBTD: 7780
TD: 7825

CIBP 6840 w/ 20' cmf

Production Casing

5 1/2 " OD, 17 #/ft, grade J-SS, thd LTAC
Casing Set @ 7825 w/ 1788 total sks
in 2 stages with DV tool set @ 4585
Stage 1 circ? 1788 sks TOC @ - by -
Stage 2 circ? - sks TOC @ 2230 by CB
Stage 3 circ? - sks TOC @ - by -
Hole Size: 7 7/8 "

Date: 7-23-98
Prepared By: PETER WILKINSON



A.P.I. Number: 30-025-34401

WI = 100 %
NRI = 87.5 %

Well Bore Schematic
Proposed WBS

Lease: STATE DC Well: 3 Field:
Location: 1866 feet FNL & 2195 feet FWL. Section 19 Township 21 S Range 37 E
Unit K Block K Survey LEA County NM State

Spud Date: 5-25-98
Completion Date: 7-1-98

GL 3511
DF
KB 3523

Surface Casing

8 5/8" OD, 24 #/ft, grade J-SS
Casing Set at 1220
Cmt with 555 sks, Circ sks
Hole Size: 11"

Intermediate Casing

 " OD, #/ft, grade
Casing Set at
Cmt with sks, Circ sks
TOC @ by
Hole Size:

<u>MDA</u>	<u>YATES 2604</u>
<u>PERF S-8</u>	<u>GRBG 3475</u>
<u>SN @ 7128'</u>	<u>PADDOCK 5152</u>
<u>12 JTS 2 3/8"</u>	<u>BLINEBRY 5678</u>
<u>TAC</u>	<u>TURBS 6186</u>
<u>180 JTS 2 3/8"</u>	<u>DRINKARD 6360</u>
<u>2" x 1 1/4" x</u>	<u>ABO 6790</u>
<u>198-34"</u>	<u>SILURIAN 7507</u>
<u>87-7/8"</u>	

Blinebry
5500'-5990' (33 Holes)

DRINKARD
6613-6761 (30 Holes)

ABO 6887-7105'
w/23FE (20 Holes)

PBTD: 7780'
TD: 7825'

Current Perforations:

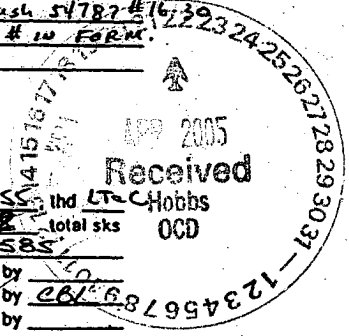
6887-7105' : A w/ 2500 GAL, A w/ 10000
CAL 20% GELLED
10/99 DRINKARD A/ 2000 gal
F/ 21900 gal 5000 # 100 mesh 54782 # 16.30
SERIES OUT w/ 29000 # 10 FORM.

CIBP 6840 w/ 20' cmr

Production Casing

5 1/2" OD, 17 #/ft, grade J-SS, thd LT
Casing Set @ 7825' w/ 1782 total sks
in 2 stages with DV tool set @ 4585'
Stage 1 circ? sks TOC @ by
Stage 2 circ? sks TOC @ 2230' by
Stage 3 circ? sks TOC @ by
Hole Size: 7 7/8"

Date: 7-23-98
Prepared By: PETER WILKINSON



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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. 30-015-34401
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 26764
7. Lease Name or Unit Agreement Name State "DC"
8. Well Number 3
9. OGRID Number 150628
10. Pool name or Wildcat Blinebry Oil & Gas (Oil) (06660)

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Pure Resources, L. P.	
3. Address of Operator 500 W. Illinois Midland, Texas 79701	
4. Well Location Unit Letter <u>F</u> : <u>1866</u> feet from the <u>North</u> line and <u>2195</u> feet from the <u>West</u> line Section <u>19</u> Township <u>21S</u> Range <u>37E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3,511' GR</u>	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
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 ☐

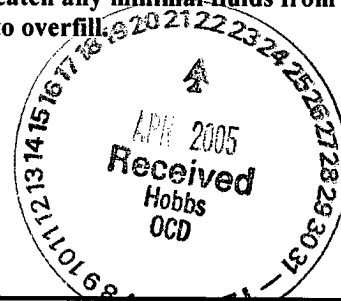
SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

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 Blinebry 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 03/09/2005

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

For State Use Only

APPROVED BY: _____ TITLE PAUL F. KAUTZ DATE APR 26 2005
Conditions of Approval (if any): _____ PETROLEUM ENGINEER