

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., 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

it 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 P.O. BOX 850 BLOOMFIELD, NM 87413		<sup>2</sup> OGRID Number 189071
<sup>3</sup> API Number 30-039-27320		<sup>4</sup> Property Code 026629
<sup>5</sup> Property Name RINCON UNIT		<sup>6</sup> Well Number 166P

<sup>7</sup> Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	orth/South Lin	Feet from the	East/West Line	County
0	32	27-N	6-W		945'	NORTH	849'	WEST	RIO ARriba

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	orth/South Lin	Feet from the	East/West Line	County

<sup>9</sup> Proposed Pool 1

BASIN DAKOTA

<sup>10</sup> Proposed Pool 2

BLANCO MESA VERDE

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code M	<sup>13</sup> Cable/Roatary R	<sup>14</sup> lease Type Code S	<sup>15</sup> Ground Level Elevation 6617'
<sup>16</sup> Multiple YES	<sup>17</sup> Proposed Depth 7700'	<sup>18</sup> Formation DAKOTA	<sup>19</sup> Contractor Aztec	<sup>20</sup> Spud Date ASAP

<sup>21</sup> 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"	32.3#	350'	200SXS	CIRCULATED
8-3/4"	7"	20#	2640'	405SXS	CIRCULATED
6-1/4"	4-1/2"	11.6#	7700'	610SXS	100' INSIDE OF 7" M.M.

<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 is seeking permit approval for pad, pipeline and cathodic ROW.

MIRU DRILLING RIG.

SPUD 12-1/4" HOLE AND DRILL W/FLUID TO  $\pm 350'$ . RUN AND CMT 9-5/8" CASING W/200SXS B CMT +2% CACL2 +1/4# /SACK CELLO-FLAKE. 14.5 PPG. DRILL 8-3/4" HOLE W/MUD AND TD THROUGH OJO ALAMO AND INTO KIRTLAND SAND. CMT 7" CSG W/350SXS B 35:65 POZ + 8% GEL + 2% CACL2 + .25LBS/SX CELLO-FLAKE F/B 50 SXS B + 2% CACL2. 14.5 PPG. DRILL 6-1/4" HOLE W/AIR/NITROGEN AND HAMMER TO TD. RUN AND CMT 4-1/2" CSG TO TD W/610 SXS POZ + 10# CSE + 1/4# CS + .2% CD-32 + .65% FL-62 + 6% GEL + 3% KCL @12.5PPG. TIE CMT INTO INTERMEDIATE. DRILL OUT WELL AND RUN CNL-CCL-GR. COMPLETE WELL IN DAKOTA AND MESA VERDE FORMATIONS W/NITROFIED FRACS. ~~DO NOT DRILL DEEPER~~

<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>Michael C. Phillips</i>		Approved by: <i>[Signature]</i>	
Printed name: MICHEAL C. PHILLIPS		Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3	
Title: SAN JUAN BASIN FOREMAN		Approval Date: FEB 19 2003	Expiration Date: FEB 19 2004
Date: 02/17/03	Phone: (505) 632 - 1811	Conditions of Approval	
		Attached <input type="checkbox"/>	

DISTRICT I  
1686 N. French Dr. Hobbs, N.M. 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

DISTRICT II  
811 South First, Artesia, N.M. 88210

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
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Fee Lease - 3 Copies

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039- <b>27320</b>	<sup>2</sup> Pool Code 71599	<sup>3</sup> Pool Name Basin Dakota
<sup>4</sup> Property Code 26629	<sup>5</sup> Property Name RINCON UNIT	<sup>6</sup> Well Number 166P
<sup>7</sup> OCMID No. 189071	<sup>8</sup> Operator Name PURE RESOURCES	<sup>9</sup> Elevation 6617'

<sup>10</sup> Surface Location


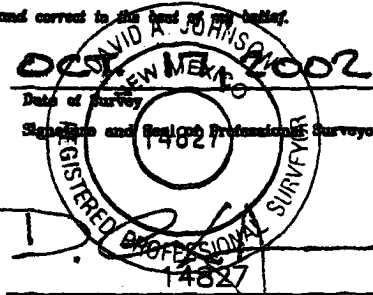
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	32	27-N	6-W		945	NORTH	849	WEST	RIO ARriba

<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 320			<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

16

SEC. COR. FD 3 1/4" BC 1955 BLM	N 87-11-18 E 2640.79'(M)	QUARTER COR. FD 3 1/4" BC 1955 BLM	<div>17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.   Signature Mike Phillips Printed Name San Juan Basin Drilling/ Production Foreman Title Feb. 14th, 2003 Date</div>
849'	945'		
S 00-19-00 E 2657.51'(M)	471'	LAT. = 36°32'05" N. LONG. = 107°29'49" W.	
		PURE - RINCON UNIT No. 166E	
QUARTER COR. FD 3 1/4" BC 1955 BLM	32		<div>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 Registered Professional Surveyor Certificate Number</div>

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2040 South Pacheco  
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- <b>27320</b>		*Pool Code 72319		*Pool Name Blanco Mesa Verde	
*Property Code 26629		*Property Name RINCON UNIT			*Well Number 166P
*OGEID No. 189071		*Operator Name PURE RESOURCES			*Elevation 6617'

<sup>10</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
D	32	27-N	6-W		945	NORTH	849	WEST	RIO ARriba

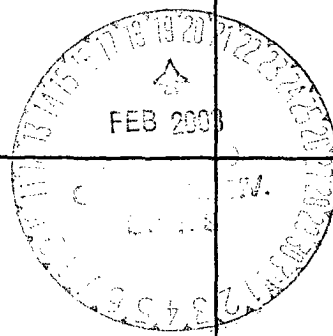
<sup>11</sup> Bottom Hole Location If Different From Surface

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

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SEC. COR. FD 3 1/4" BC 1955 BLM	N 87-11-18 E 2840.79'(M)	QUARTER COR. FD 3 1/4" BC 1955 BLM
849'	471'	
S 00-19-00 E 2657.51'(M)	384'	
LAT. = 36°32'05" N. LONG. = 107°29'49" W.		
* PURE - RINCON UNIT No. 166E		
QUARTER COR. FD 3 1/4" BC 1955 BLM		



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein  
is true and complete to the best of my knowledge and  
belief.

*Mike Phillips*  
Signature

Mike Phillips  
Printed Name  
San Juan Basin Drilling/  
Production Foreman  
Title

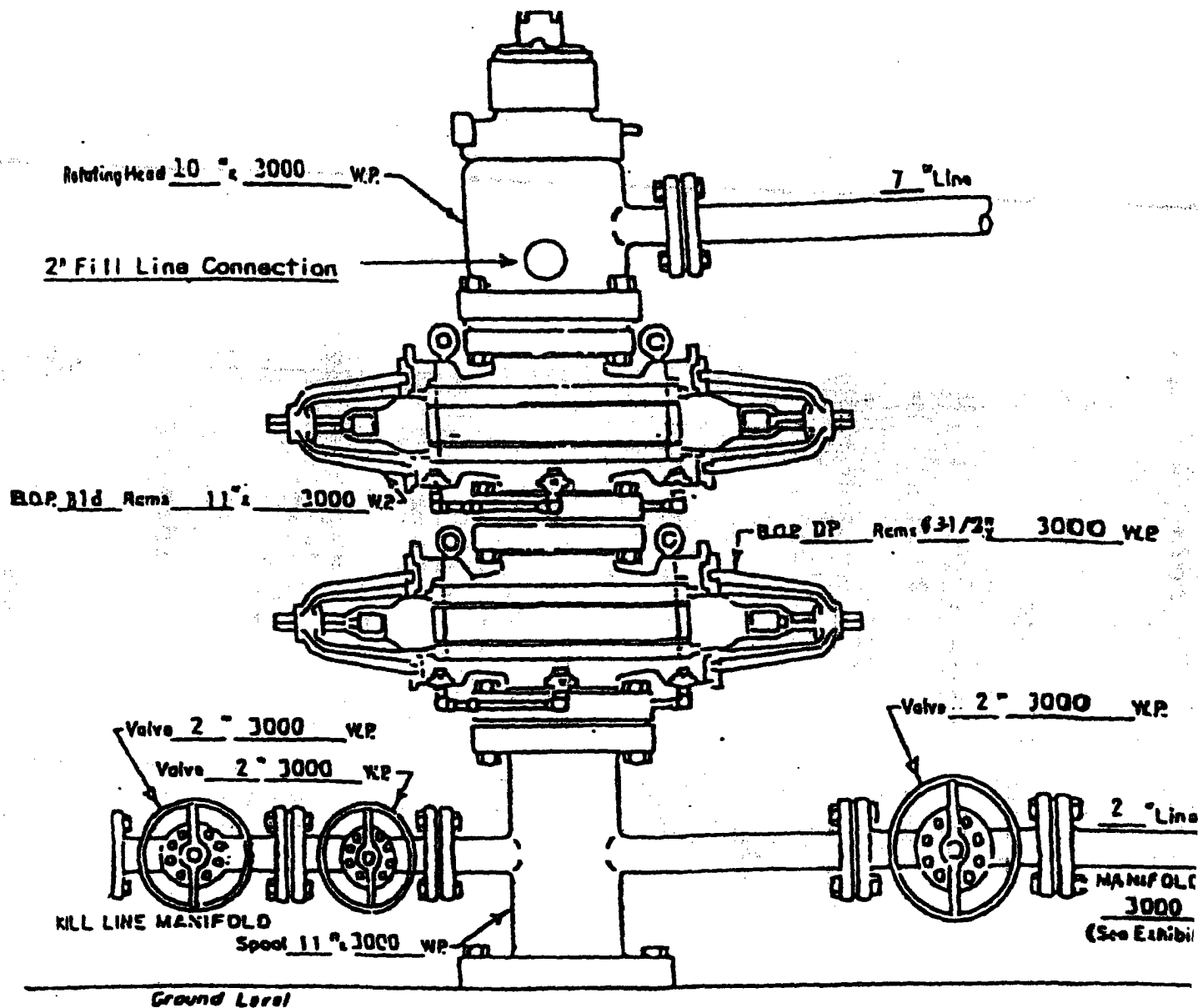
Feb 14th, 2003  
Date

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.

*David A. Johnson*  
Date of Survey  
Signature and Registered Professional Surveyor  
14827  
Certificate Number

RINCON UNIT WELLS  
RINCON FIELD  
RIO ARriba COUNTY, NEW MEXICO



WELL HEAD B.O.P.  
3000 # W.P.

☐ Manual  
☒ Hydraulic

NOTE: Although 3000 psi BOP equipment will be used, equipment determination and line sizing are based on the requirements for 2000 psi BOP equipment due to the known drilling and reservoir conditions.