

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

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999

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>4</sup> Property Code 026629	<sup>5</sup> Property Name RINCON UNIT	<sup>3</sup> API Number 30-039-26726
		<sup>6</sup> Well Number 168R

<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	36	27-N	7-W		828'	SOUTH	1725'	EAST	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 G	<sup>13</sup> Cable/ Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 6535'
<sup>16</sup> Multiple YES	<sup>17</sup> Proposed Depth 7750'	<sup>18</sup> Formation DAKOTA	<sup>19</sup> Contractor BEARCAT	<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'	285SXS	CIRCULATED
8-3/4"	7"	20#	2500'	350SXS	CIRCULATED
6-1/4"	4-1/2"	11.6#	7750'	600SXS	100' INSIDE OF 7"

<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

MIRU DRILLING RIG. SPUD 12-1/4" HOLE AND DRILL W/FLUID TO  $\pm 350'$ . RUN AND CMT 9-5/8" CASING W/285SXS 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/300SXS 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/600 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. DOWNHOLE COMMINGLE.

<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>Micheal C. Phillips</i>		Approved by: <i>[Signature]</i>	
Printed name: MICHEAL C. PHILLIPS		Title: DEPUTY OIL & GAS INSPECTOR DIST. 33	
Title: SAN JUAN BASIN FOREMAN		Approval Date: MAR 29 2001	
Date: 11/08/00	Phone: (505) 632 - 1811	Expiration Date: MAR 29 2002	
		Conditions of Approval	
		Attached <input type="checkbox"/>	

HOLD COPY FOR change of status - RV 168E for Dakota

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

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

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 30-039- 26726		<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 168R
<sup>7</sup> OGRID No. 189071	<sup>8</sup> Operator Name PURE RESOURCES		<sup>9</sup> Elevation 6535'

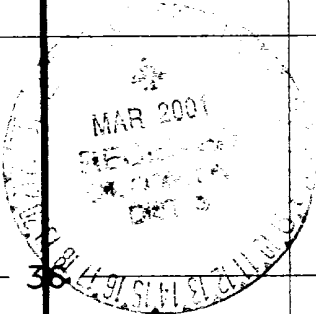
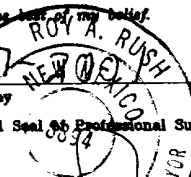
<sup>10</sup> Surface Location

UL or lot no. 0	Section 36	Township 27-N	Range 7-W	Lot Idn	Feet from the 828	North/South line SOUTH	Feet from the 1725	East/West line EAST	County RIO ARRIBA
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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
13 Dedicated Acres			13 Joint or Infill		14 Consolidation Code		15 Order No.		
320 E/2			I						

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>16</p> <div style="text-align: center; margin-top: 100px;">  </div> <div style="text-align: right; margin-top: 100px;"> <p>QTR. CORNER FD. B.L.M. BC. 1955</p> </div> <div style="text-align: center; margin-top: 100px;"> <p>924'      730'      1725'</p> <p>828'      400'</p> <p>LAT. = 36-31-25 N. LONG. = 107-31-25 W.</p> <p style="margin-top: 20px;">N 89-00-20 W 5298.95 (M)</p> </div> <div style="position: absolute; bottom: 10px; left: 10px; font-size: small;"> <p>SEC. CORNER FD. B.L.M. BC. 1955</p> </div>	<p>17 OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <div style="margin-top: 20px;"> <p><u><i>Michael C. Phillips</i></u> Signature</p> <p><u>Michael C. Phillips</u> Printed Name</p> <p><u>S.J. Basin Foreman</u> Title</p> <p><u>March 29th, 2001</u> Date</p> </div>	<p>18 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="margin-top: 20px;"> <p><u>3-07-03-13 E</u> Date of Survey</p> <p><u>3116.34 (M)</u> Signature and Seal of Professional Surveyor:</p> <div style="text-align: center;">  </div> </div> <p style="text-align: center; margin-top: 20px;">8894</p> <p style="text-align: center;">Certificate Number</p>
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DISTRICT I  
1825 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  
821 South First, Artesia, N.M. 88210

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

☐ AMENDED REPORT

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- <u>26726</u>		*Pool Code 72319	*Pool Name Blanco Mesa Verde
*Property Code 26629	*Property Name RINCON UNIT		*Well Number 168R
*GRID No. 189071	*Operator Name PURE RESOURCES		*Elevation 6535'

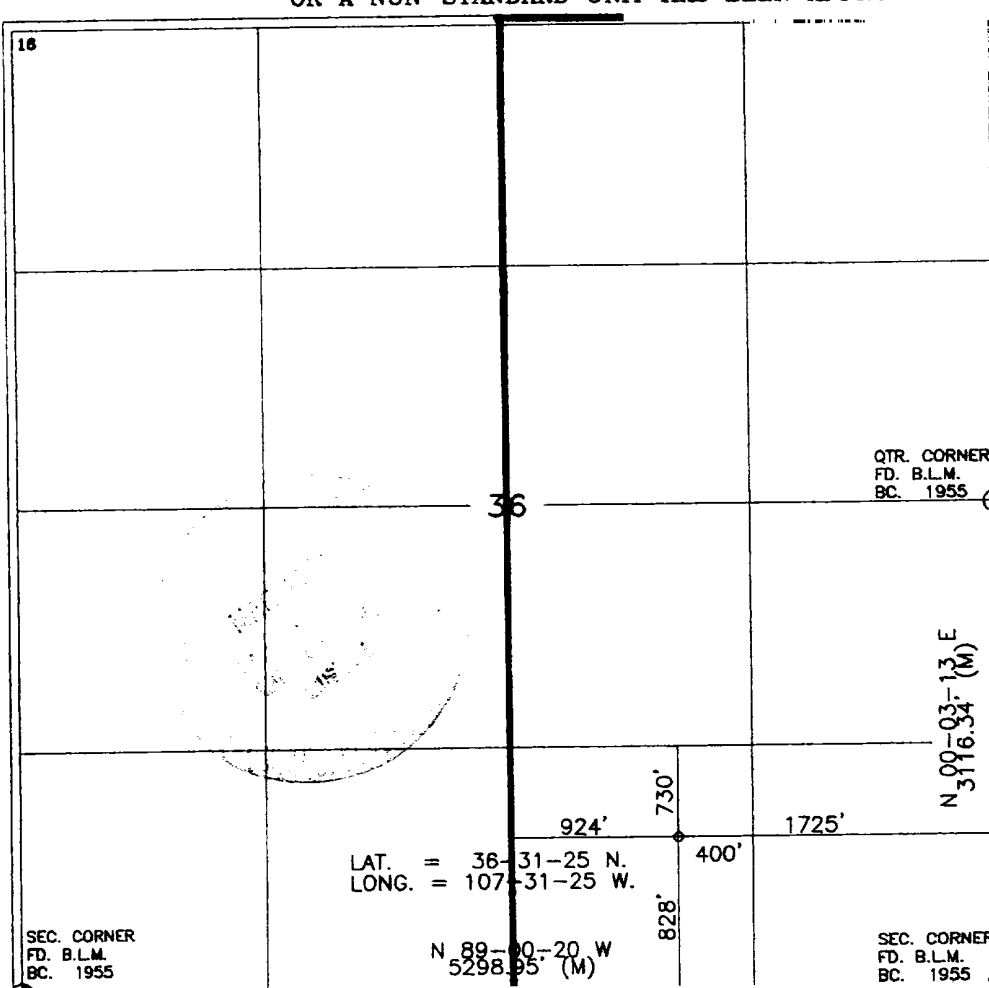
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	36	27-N	7-W		828	SOUTH	1725	EAST	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 <u>E2</u>			*Joint or Infill <u>I</u>		*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



17 OPERATOR CERTIFICATION

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

Micheal C. Phillips  
Signature

Micheal C. Phillips

Printed Name

S.J. Basin Foreman

Title

March 29th, 2001

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.

3-07  
Date of Survey

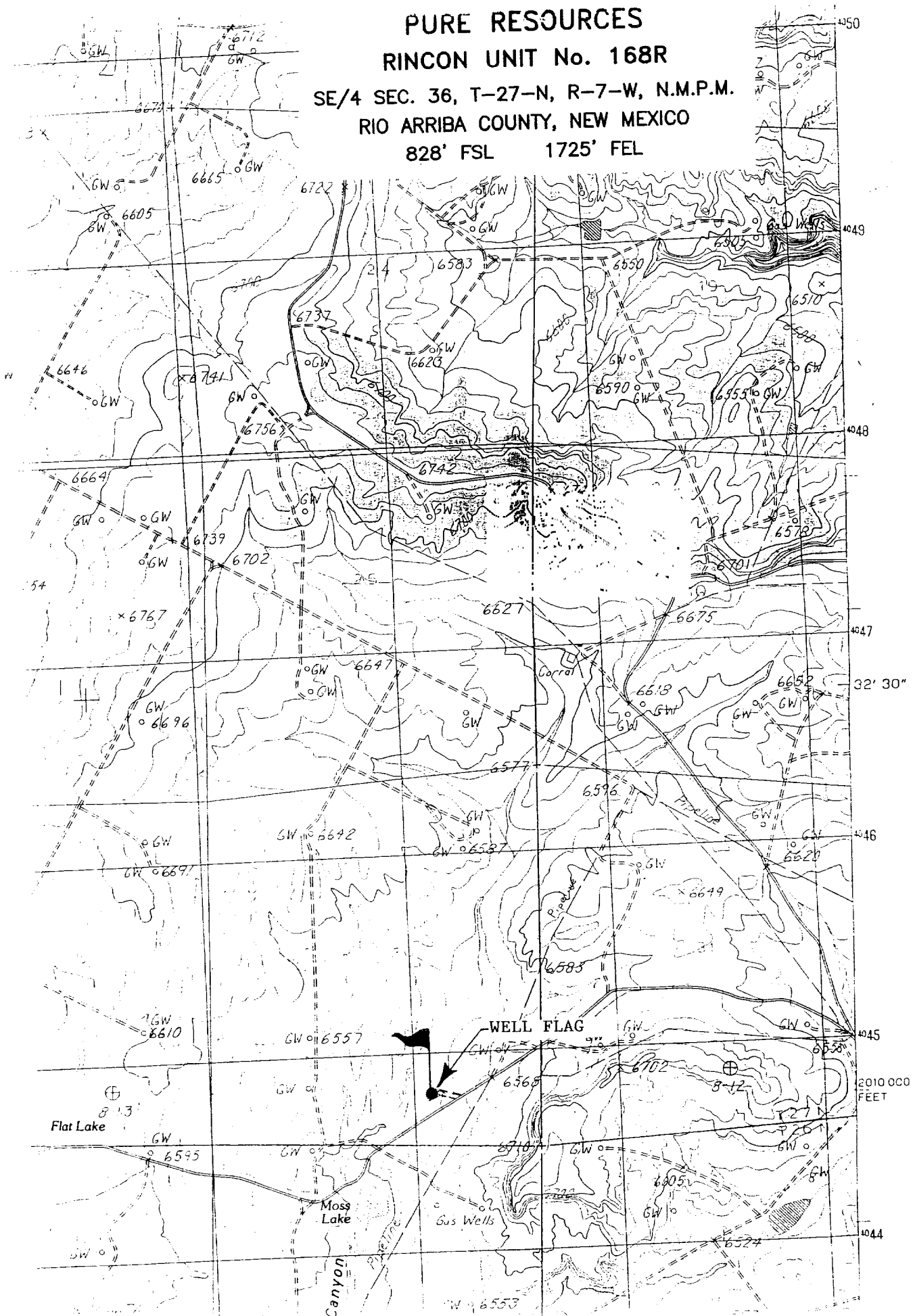
Signature and Seal of Professional Surveyor:

ROY A. RUSH  
Professional Surveyor  
8894

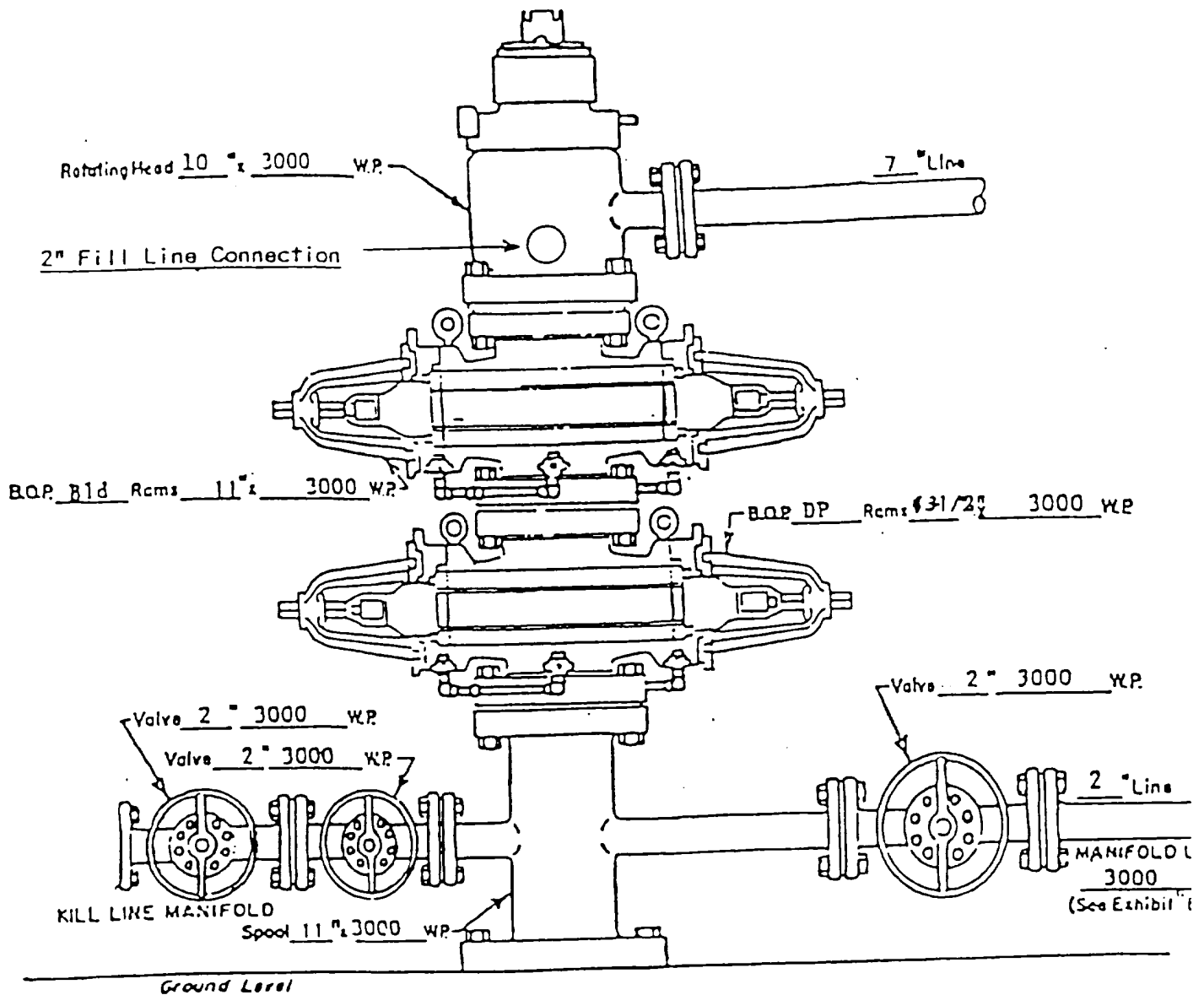
Certificate Number

PURE RESOURCES  
RINCON UNIT No. 168R

SE/4 SEC. 36, T-27-N, R-7-W, N.M.P.M.  
RIO ARRIBA COUNTY, NEW MEXICO  
828' FSL 1725' FEL



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.