

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

Submit to appropriate District Office
State Lease - 8 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 P.O. BOX 850 BLOOMFIELD, NM 87413		² OGRID Number 100071
⁴ Property Code 020629	⁵ Property Name RINCON UNIT	³ API Number 30-039-26567
		⁶ Well Number 100R

⁷ Surface Location									
UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
M	32	27-N	6-W		744	SOUTH	780	WEST	RIO ARriba

⁸ Proposed Bottom Hole Location If Different From Surface									
UI 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 BASIN DAKOTA					¹⁰ Proposed Pool 2 BLANCO MESA VERDE				

¹¹ Work Type Code N	¹² Well Type Code M	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 6551'
¹⁶ Multiple YES	¹⁷ Proposed Depth 7700'	¹⁸ Formation DAKOTA	¹⁹ Contractor BEARCAT	²⁰ Spud Date ASAP

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"	32.38	350'	285SXS	CIRCULATED
8-3/4"	7"	20#	2800'	350SXS	CIRCULATED
6-1/4"	4-1/2"	11.60	7700'	600SXS	INSIDE OF 7"

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

MIRU DRILLING RIG. SPUD 12-1/4" HOLE AND DRILL W/FLUID TO +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.

²³ 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. #3	
Title: SAN JUAN BASIN FOREMAN		Approval Date: DEC 15 2000	
Date: 11/08/00	Phone: (505) 632-1811	Expiration Date: DEC 15 2001	
		Conditions of Approval	
		Attached <input type="checkbox"/>	

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State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

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Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26567		*Pool Code 71599	*Pool Name Basin Dakota
*Property Code 26629	*Property Name Rincon Unit		*Well Number 166R
*OGRID No. 189071	*Operator Name PURE RESOURCES		*Elevation 6551' —

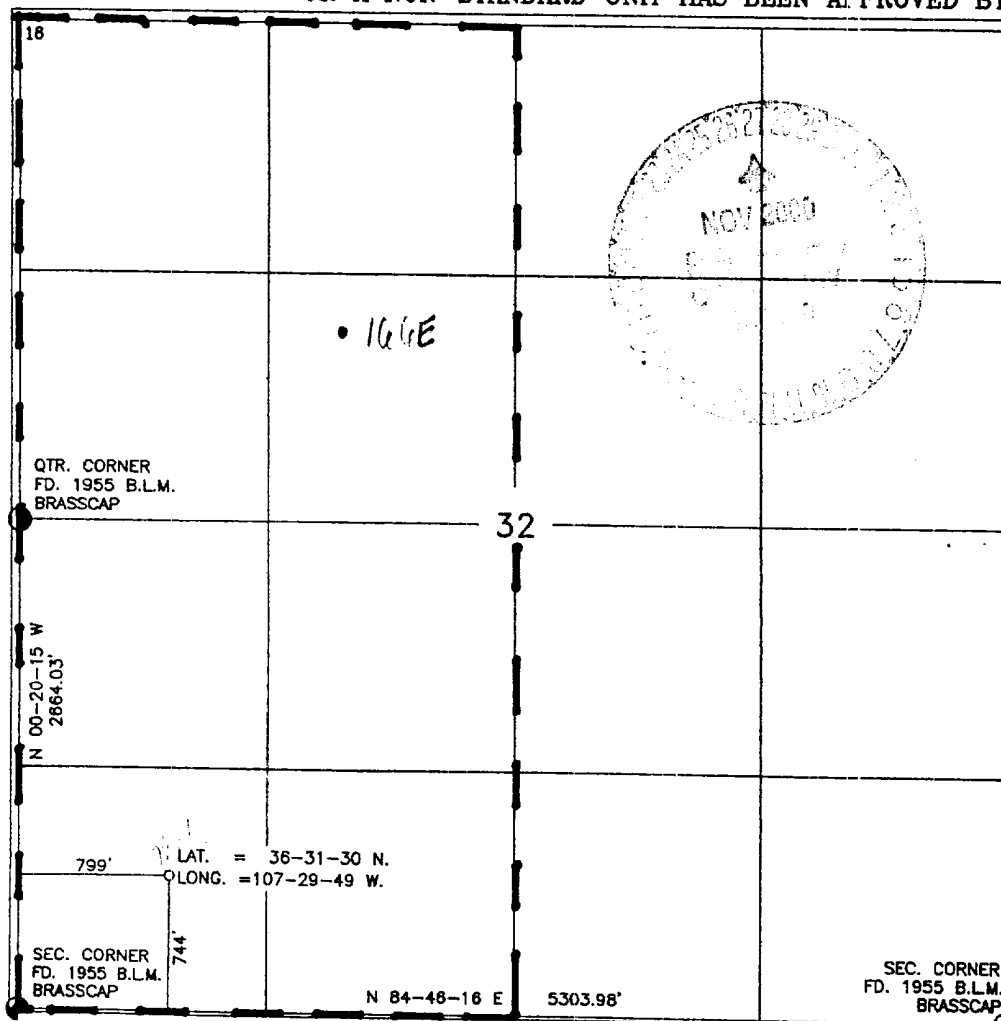
¹⁰ Surface Location

UL or lot no. M	Section 32	Township 27-N	Range 6-W	Lot Idn	Feet from the 744	North/South line SOUTH	Feet from the 799	East/West line WEST	County RIO ARriba
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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
*Dedicated Acres 320 W/2		*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



17 OPERATOR CERTIFICATION

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

Michael C. Phillips
Signature

Michael Phillips
Printed Name

San Juan Basin Foreman
Title

11/03/00
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.

10-28-00
Date of Survey

ROY R. RUSH
Signature and Seal of Professional Surveyor

8894
Certificate Number

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

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

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Santa Fe, NM 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039 <u>26567</u>	² Pool Code 73219	³ Pool Name Blanco Mesa Verde
⁴ Property Code 26629	⁵ Property Name Rincon Unit	
⁶ OGRID No. 189071	⁷ Operator Name PURE RESOURCES	⁸ Well Number 166R
		⁹ Elevation 6551'

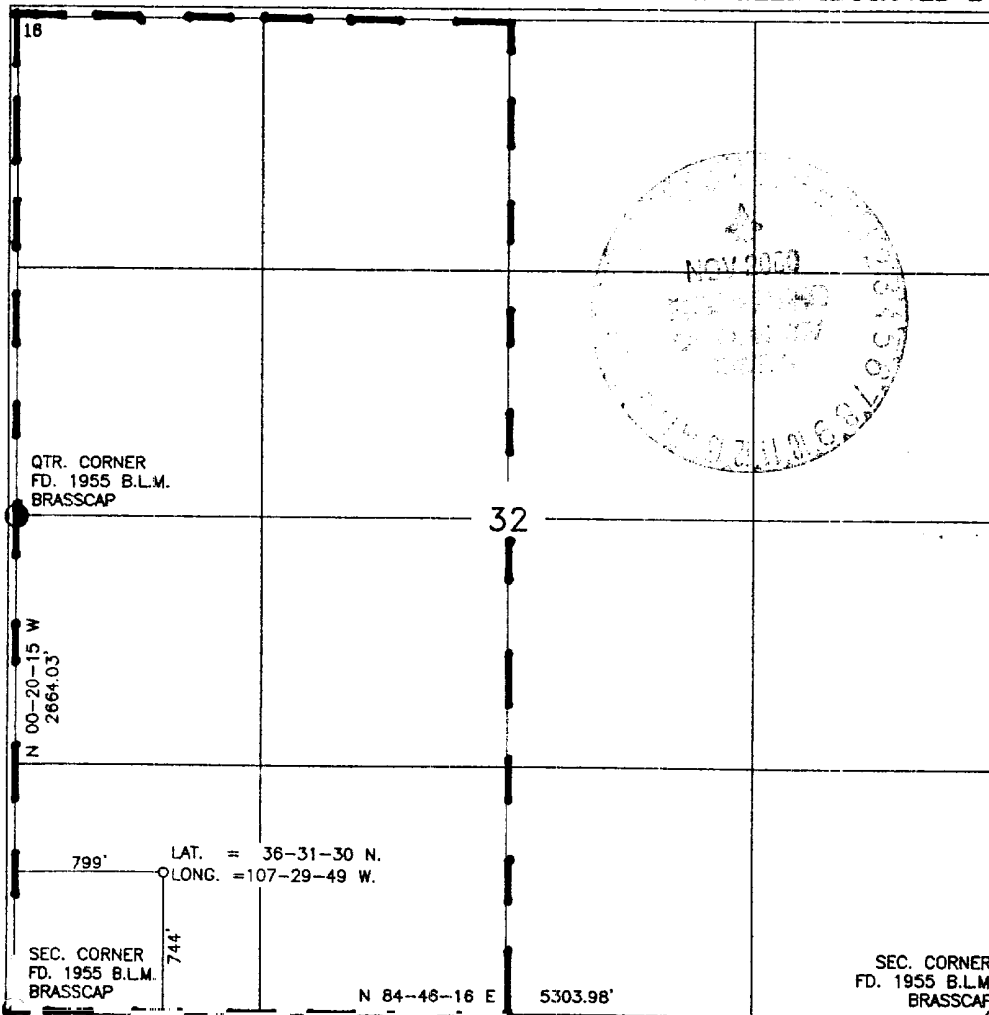
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	27-N	6-W		744	SOUTH	799	WEST	RIO ARRIBA

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 320 <u>w/2</u>		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



¹⁷ OPERATOR CERTIFICATION

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

Michael C. Phillips
Signature
Michael Phillips
Printed Name
San Juan Basin Foreman
Title
11/03/00
Date

¹⁸ SURVEYOR CERTIFICATION

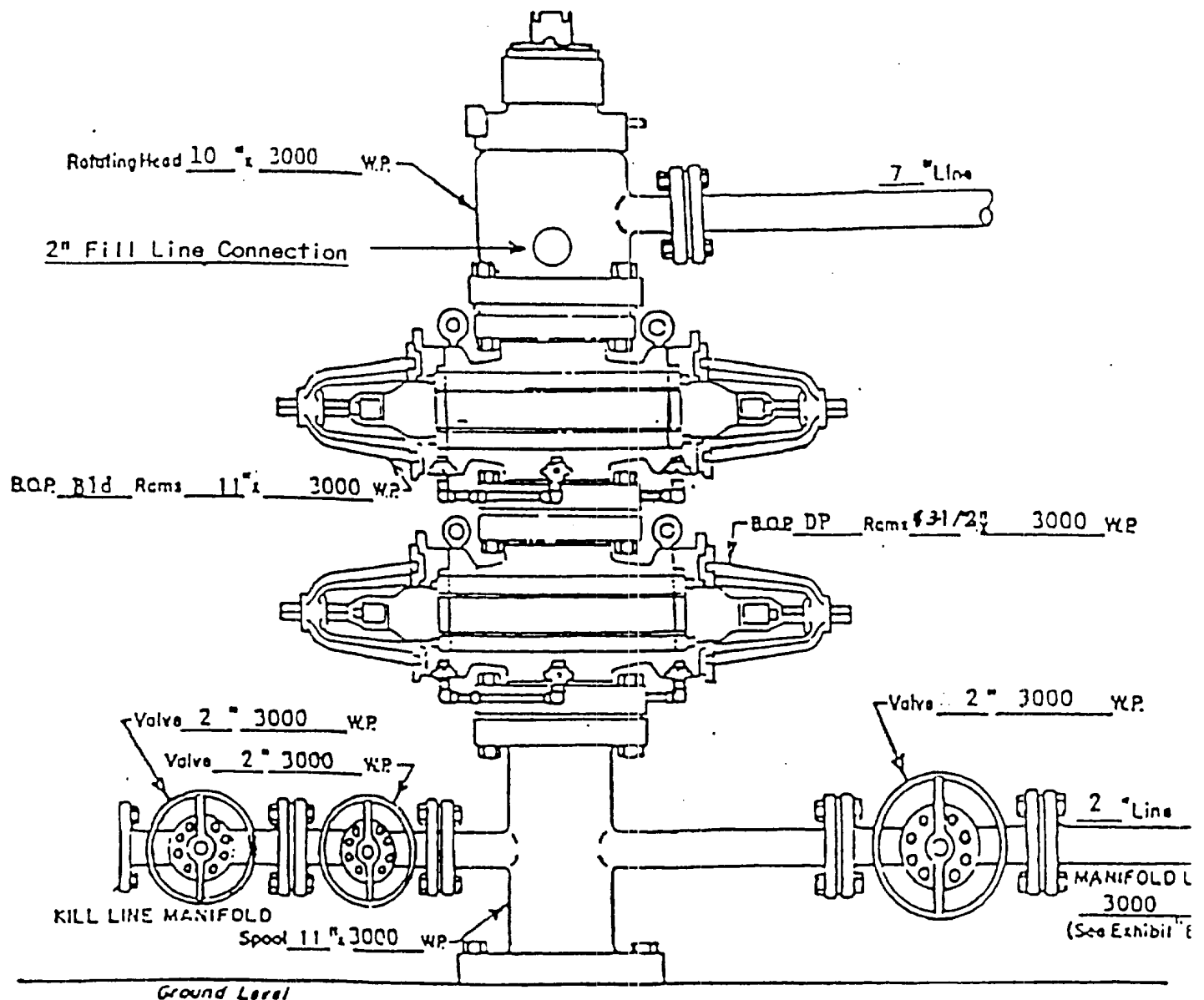
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge.

10-28-00
Date of Survey
Roy A. Rush
Signature and Seal of Professional Surveyor
8894
Certificate Number

744' FSL 799' FWL



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.