

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-079364		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Pure Resources		7. UNIT AGREEMENT NAME Rincon Unit		
3. ADDRESS AND TELEPHONE NO. P.O. Box 850, Bloomfield New Mexico		8. FARM OR LEASE NAME, WELL NO. Rincon Unit 135P-129R		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement)* At surface 2470' FNL and 95' FWL At proposed prod. zone 2574' FSL Same as Surface		9. API WELL NO. 3003927322		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 40 miles Southeast from Bloomfield NM.		10. FIELD AND POOL OR WILDCAT Basin Dakota/ Mesa Verde		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE FT (Also to nearest drg. Unit line, if any) 5800'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA L Sec. 29, T-27-N, R-6-W		
16. NO. OF ACRES IN LEASE 2645.09		12. COUNTY OR PARISH Rio Arriba		
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE NM		
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. 1800'		20. ROTARY OR CABLE TOOLS Rotary		
19. PROPOSED DEPTH 7800'		22. APPROX. DATE WORK WILL START* ASAP		
21. ELEVATIONS (Show whether DF, RT, GR, GR) 6676' GR				
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	H-40 9-5/8"	32.3#	350'	200 SACKS "B" TOC @ SURFACE
8-3/4"	K-55 7"	20#	2700'	405 SACKS TYPE III TOC @ SURFACE
6-1/4"	N-80 4-1/2"	11.6#	7800'	610 SACKS 65/35 POZ TYPE III TOC TIED INTO
				7" casing

"Expedited APD/ROW"

Pure plans to drill the Rincon Unit 135P, and complete in the Mesa Verde and the Basin Dakota and downhole commingle the two formations. This well will be an infill 80 acre.

BOP- One double gate BOP with 3-1/2" pipe and blind rams, one choke manifold with adjustable and positive chokes, an accumulator will hydraulically operate BOP with 1 1/2 times the necessary capacity to close the rams and retain a minimum of 200 psi above recharge. Rotating head will be utilized during the drilling of the 6-1/4" hole.
(Schematics are attached)

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

IN ABOVE SPACE DESCRIBED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Mike C. Phillips TITLE San Juan Basin Area Drlg Prod Foreman DATE 2/14/03
MIKE C. PHILLIPS

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the application to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY /s/ David J. Mankiewicz TITLE _____ DATE AUG 18 2003

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

DISTRICT I
1626 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
611 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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

RECEIVED

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

2003 JUL 30 PM 12:45

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 72319	*Pool Name Blanco Mesa Verde
*Property Code 26629	*Property Name RINCON UNIT		*Well Number 129R
*OGRID No. 189071	*Operator Name PURE RESOURCES		*Elevation 6676'

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
L	29	27-N	6-W		2574	SOUTH	76	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			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

* PURE - RINCON UNIT No. 135A		AUG 2003	
QUARTER COR. FD 3 1/4" BC 1955 BLM	29	QUARTER COR. FD 3 1/4" BC 1955 BLM	
76' LAT. = 36°32'40" N. (NAD 83) LONG. = 107°29'58" W. (NAD 83)			
N 00-16-39 E 2658.18'(M)			
2574'			
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	

17 OPERATOR CERTIFICATION

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

Signature

Printed Name

Title

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

Seal of Professional Surveyor.

Certificate Number

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

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

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JUL 30 PM 12:45

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 71599	Pool Name BASIN DAKOTA
Property Code 26629	Property Name RINCON UNIT	Well Number 129R
OGED No. 189071	Operator Name PURE RESOURCES	Elevation 6676'

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
L	29	27-N	6-W		2574	SOUTH	76	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
Dedicated Acres					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

PURE - RINCON UNIT No. 135A		QUARTER COR. FD 3 1/4" BC 1955 BLM	
76' LAT. = 36°32'40" N. (NAD 83) LONG. = 107°29'58" W. (NAD 83)		QUARTER COR. FD 3 1/4" BC 1955 BLM	
N 00-16-39 E 2658.18'(M)		QUARTER COR. FD 3 1/4" BC 1955 BLM	
SEC. COR. FD 3 1/4" BC 1955 BLM		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.

Signature: Michael Phillips
Printed Name: Completion Foreman
Title: 7/24/03
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: 7-29-03
Signature: DAVID A. JOHNSON
Title: REGISTERED PROFESSIONAL SURVEYOR
Certificate Number: 14827

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT"-for such proposals

RECEIVED

2003 JUL 30 PM 12: 45

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

Rincon Unit

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

SF 079364

8. Well Name and No.

129R

9. API Well No.

10. Field and Pool, or Exploration Area

Basin Dakota/Blanco MV

11. County or Parish, State

Rio Arriba

SUBMIT IN TRIPLICATE

070 Farmington, NM

1. Type of Well

☐ Well ☒ Well ☐ Other

2. Name of Operator

Pure Resources

3. Address and Telephone No.

P.O. BOX 850

4. Location of Well (Footage, Sec., T., R., or Survey Description)

2574' FSL & 76' FWL.

Sec. 29, T27N, R06W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other WELL NAME CHANGE LOCATION CHANGE

- ☐ Change of Plans
☐ New Construction
☐ Non-routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completions or Recompletions Reports and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)*

Due to spacing rulings for the Blanco Mesa Verde, the Rincon Unit 135P location originally fell as an un-orthodoxed location and had to be moved. This moved also put the new location in a different GPU resulting in the need to change the name to the new name of the **RINCON UNIT 129R**

the old location Rincon 135P 2470' FNL & 75' FWL Sec. 29 T-27-N, R-6-W Rio Arriba County.

the new location Rincon 129R 2574' FSL & 76' FWL Sec. 29 T-27-N, R-6-W Rio Arriba County.

The move was a short one and the location just shifted from where the original onsited location was at.



14.

Signed

Mike C. Phillips
MIKE C. PHILLIPS

Title

San Juan Basin Foreman

Date

07/24/03

(This space for Federal or State office use)

Approved by

/s/ David J. Mankiewicz

Title

Date

AUG 18 2003

Conditions of approval, if any:

Title 18 U.S.C. Sections 1001, makes is a crime for any person knowingly and willfully to make to any department or agency of the united states of false, fictitious or fraudulent s of representations as to any matter within its jurisdictions.

*See Instructions on Reverse Side

NMOCD

**PURE RESOURCES
RINCON UNIT WELL NO. 135P
2470' FNL, 75' FWL, SEC. 29, T-27-N, R-6-W**

8 POINT DRILLING PLAN

1. ESTIMATED FORMATION TOPS

<u>FORMATION NAME</u>	<u>DEPTH FROM GL</u>
San Jose	Surface
Ojo Alamo	2,249'
Kirtland Shale	2,662'
Pictured Cliffs	3,159'
Cliff House	4,884'
Point Lookout	5,372'
Mancos	5,784'
Tocito Sand	6,949'
Dakota	7,534'
ETD	7,748'
Permit TD	7,800'

2. OIL, GAS, WATER, OR OTHER MINERAL BEARING ZONES

<u>EXPECTED GAS ZONES</u>	<u>DEPTH FROM GL</u>
Fruitland Coal	3059'-3159'
Pictured Cliffs	3159-3200'
Mesa Verde	4884-5784
Dakota	7534-7800

<u>EXPECTED WATER ZONES</u>	<u>DEPTH FROM GL</u>
Ojo Alamo	2249'

Possible water zones will be protected by 7" intermediate casing⁴ and/or 4-1/2" production strings, 7" cemented to surface, and 4-1/2" casing cement tied in to 7".

3. PRESSURE CONTROL BOP'S AND RELATED EQUIPMENT

Casing Head: 7" x 11" – 3000 psi W.P.

BOP Stack and Related Equipment: (See Attachment No. 1 & 2).

RINCON UNIT WELL NO. 135P
DRILLING PROGRAM – PAGE 2

One double-gate BOP with 4-1/2" and then 3-1/2" pipe and blind rams.
One choke manifold with adjustable and positive chokes.
An accumulator will hydraulically operate the BOP with 1-1/2 times the necessary capacity to close the rams and retain a minimum of 200psi above recharge. The remote unit will be located in the bottom "dog house" or on the ground between the "dog house" and the toolpushers trailer. A rotating head on top of the BOP stack will be utilized when necessary.

Testing Procedure:

The BOP and related equipment will be tested in accordance with the provisions of Onshore Oil and Gas Order No. 2.

BOP's will be operationally tested daily and each test will be logged in the IADC Daily Drilling Report.

Blooie Line:

The blooie line and related equipment will meet all requirements of Onshore Oil and Gas Order No. 2.

4. **CASING AND CEMENTINNG PROGRAM**

SURFACE CASING (Spud Mud)

<u>Age</u>	<u>Depth</u>	<u>Hole Size</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>
New	0-350'	12-1/4"	9-5/8"	32.3#	H-40	ST&C

INTERMEDIATE CASING (FW Mud)

<u>Age</u>	<u>Depth</u>	<u>Hole Size</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>
New	0-2700'	8-3/4"	7"	20#	K-55	ST&C

PRODUCTION CASING (Air Dusting)

<u>Age</u>	<u>Depth</u>	<u>Hole Size</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>
New	0-TD	6-1/4"	4-1/2"	11.6#	N J-80	LT&C

MINIMUM SAFETY FACTORS

Collapse: 1.125
Tension: 1.8
Burst: 1.0

RINCON UNIT WELL NO. 135P
DRILLING PROGRAM – PAGE 3

Cementing Program

1. The 9-5/8" surface casing will be cemented to the surface with 200 sacks of class "Type III" cement + 2% Cacl2 and 1/4# per cello flake. 14.6ppg, 1.39 yield. Represents 137% excess.
2. The 7" intermediate casing will be cemented to surface with; 325 sacks of Premium Lite FM cement + 8% gel + 2% CACL2, + 6.25#/sack LCM + .25 lbs/sk Cello Flake @ 12.1 ppg , + 2.11 yield, Followed by 80 sacks class "Type III" cement + 2% CACL2 + 1/4 #/sack cello-flake. @ 14.6 ppg, 1.39 yield. This represents 33% excess.
3. The 4-1/2" production casing will be cemented and tied into the intermediate casing with 85 sacks Premium Lite HS FM + .3% R-3, + 2% CACL2 + 1/4 #/sack CF + .3% CD-32 + 5#/SK LCM-1 + 1% FL-52, 11.9 ppg, 2.37 yield. Followed by 525 sks Premium Lite HS FM + .3% R-3, + 2% CACL2 + 1/4# /sk CF + .3% CD-32 + 5#/sk LCM-1 + 1% FL-52. 12.5 ppg, 2.02 yield. Represents 45% excess.

Casing hardware for the production string to include guide shoe, float collar, centralized shoe joint and next five joints. Centralizers across producing zones.

Auxiliary Equipment

A kelly cock will be used with handle available. A full opening safety valve will be used when Kelly is out of string. Rotating head while air drilling. Will have vacuum diversion on blooie line.

5. **DRILLING FLUID PROGRAM**

<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Vis</u>	<u>W.L.</u>
0-350'	Spud Mud			N.C.
350-2700'	Fresh Water Gel	8.3-8.6	30-35	N.C
2700'-TD	Air	N.C.	N.C.	N.C.