

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1.a TYPE OF WORK
 DRILL DEEPEN 2001 FEB 20 PM 1:21

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Pure Resources

3. ADDRESS AND TELEPHONE NO.
 P.O. Box 850, Bloomfield New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement)
 At surface 2026' FNL and 1610' FWL
 At proposed prod. zone Same as Surface

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 40 miles Southeast from Bloomfield NM.

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OF LEASE LINE FT. (Also to nearest drilg. Unit line, if any)
 6890'

16. NO. OF ACRES IN LEASE
 2645.09

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT.
 2880'

19. PROPOSED DEPTH
 7650'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS: (Show whether DF, RT, GR, e)
 6738' GR

22. APPROX. DATE WORK WILL START
 April 1, 2001

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'	285 SACKS "B" TOC @ SURFACE
8-3/4"	K-55 7"	20#	2458'	300 SACKS TYPE III TOC @ SURFACE
6-1/4"	N-80 4-1/2"	11.6#	7650'	SACKS 65/35 POZ TYPE III TOC TIED INTO 7" CASING 100'

"Expedited APD/ROW"

Pure plans to drill the Rincon Unit 306M, and complete in the Mesa Verde and the Basin Dakota and downhole commingle the two formations.

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)

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

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

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 Foreman DATE 02/17/01
 MIKE C. PHILLIPS

PERMIT NO. _____ APPROVAL DATE 4/20/01

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

APPROVED BY /s/ Joel Farrell TITLE _____ DATE APR 20 2001

***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

X

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
811 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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-26677		² Pool Code 71599		³ Pool Name Basin Dakota	
⁴ Property Code 26629		⁵ Property Name RINCON UNIT			⁶ Well Number 306M
⁷ OGRID No. 189071		⁸ Operator Name PURE RESOURCES			⁹ Elevation 6738'

¹⁰ Surface Location

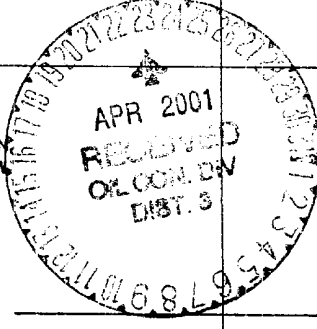
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	34	27-N	7-W		2026	NORTH	1610	WEST	RIO ARRIBA

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 w/h	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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. CORNER FD. 1955 B.L.M. BRASSCAP 1610' S 00-39-23 W S391.07 306 SEC. CORNER FD. 1954 B.L.M. BRASSCAP	N 89-1 -59 E 527± 35'	SEC. CORNER FD. 1955 B.L.M. BRASSCAP	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Michael C. Phillips</i> Signature Micheal C. Phillips Printed Name San Juan Basin Foreman Title 2/5/01 Date
	2026' LAT. = 36-31- LONG. = 107-33- 1026' 34		

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*Property Code 26629	*Property Name RINCON UNIT		*Well Number 306M
*GRID No. 189071	*Operator Name PURE RESOURCES		*Elevation 6738'

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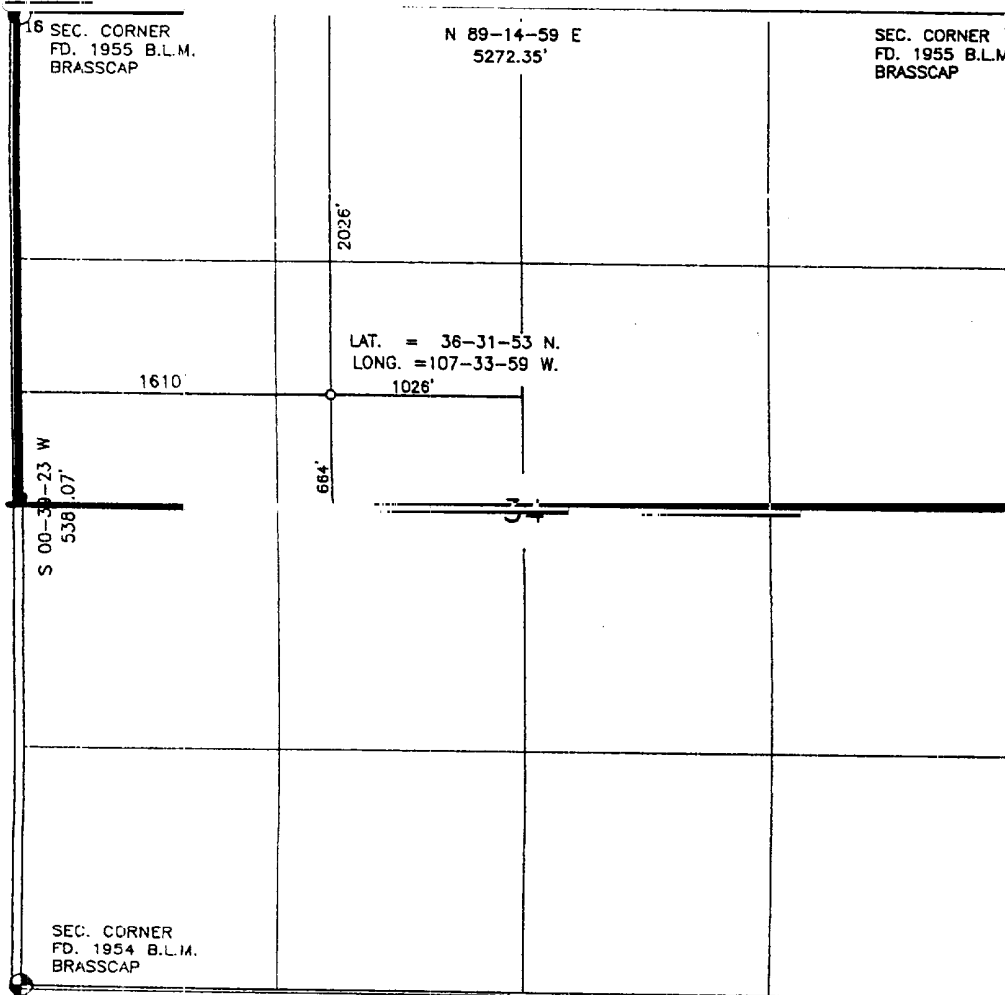
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17 OPERATOR CERTIFICATION

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 C. Phillips
Printed Name

San Juan Basin Foreman
Title

2/05/01
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 and belief.

11-11-01
Date of Survey

[Signature]
Signature and Seal of Professional Surveyor

8894
Certificate Number

PURE RESOURCES
RINCON UNIT No. 306M

NW/4 SEC. 34, T-27-N, R-7-W, N.M.P.M.
RIO ARRIBA COUNTY, NEW MEXICO
2026' FNL 1610' FWL

