

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Pure Resources, L. P. 500 W. Illinois Midland, Texas 79701		² OGRID Number 150628
		³ API Number 30 - 025-36703
⁴ Property Code 33994	⁵ Property Name Cochise "15" State	⁶ Well No. 1
⁹ Proposed Pool 1 Wildcat (Atoka)		¹⁰ Proposed Pool 2

⁷ 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	15	22S	35E		660	North	660	West	Lea

⁸ Proposed 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

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R (0'-13,500')	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3,573'
¹⁶ Multiple No	¹⁷ Proposed Depth 12,605'	¹⁸ Formation Atoka	¹⁹ Contractor	²⁰ Spud Date 06/10/2004
Depth to Groundwater 185'		Distance from nearest fresh water well 1.2 Miles		Distance from nearest surface water 1.1 Miles
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12_mils thick Clay <input type="checkbox"/> Pit Volume: 2000_bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	54.5# J-55	1,430'	1125sx "C"	25'
			Cmt'd thru 1"	70sx "C"	Surface
12-1/4"	9-5/8"	40# N-80 & J-55	5,801'	2290sx "C"	(CIR 288sx)
8-3/4"	7"	26# HCP 110	11,671'	810sx "H"	TOC@5,700' TS
6-1/8"	4-1/2" Liner	13.5# P110	11,528'-13,500'	220sx "H"	(CIR to TOL)

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.

This C-101 is to acquire approval to plug-back from two unsuccessful completion attempts of this new drill well in the Morrow zone (from perfs 12,938'-12,946' and from perfs 12,677'-690', 12,711'-731') and complete in the Atoka zone through perfs from 12,082'-12,102' using the following procedures:

- 1) A CIBP has been set @ 12,900' and capped with 25 ft of cement (abandoning perfs from 12,938'-12,946').
- 2) A CIBP has been set @ 12,625' and capped with 20 ft of cement (abandoning perfs from 12,677'-690' & 12,711'-731').
- 3) RU wireline and lubricator, perf Atoka zone from 12,082'-12,102' w/4SPF.
- 4) RIH w/pkr & on-off tool w/WLEG, pump out plug, 1.78" R nipple, 8' sub on WL. Set pkr @ 11,980'.
- 5) GIH w/on-off tool shuck on 2-3/8" 4.7# L-80 EUE 8rd prod tubing. Space out. ND BOP. NU tree.
- 6) Pressure tubing to pump out plug. Swab test.
- 7) Press backside to 1000psi. Acidize Atoka 12,082'-12,102' w/10,000g 15% NEFE @ 10 BPM & 7000psi.
- 8) Swab/flow test. Flow for minimum of 24hrs at constant rate. RIH w/tandem BHP bombs. SI until tubing pressure stabilizes.

⁷ 10,000# BOP equipment with 10k rated lubricator will be employed during this completion work.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Alan W. Bohling

Title: Regulatory Agent

E-mail Address: abohling@pureresources.com

Date: 9/17/2004

Phone: (432) 498-8662

OIL CONSERVATION DIVISION

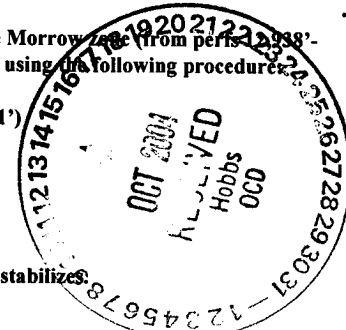
Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval Attached ☐



Permit Expires 1 Year From Approval
Date Unless Being Unlawful

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30.025.36703	Pool Code	Pool Name Wildcat (Atoka)
Property Code 33994	Property Name COCHISE "15" STATE	Well Number 1
OGRID No. 150628	Operator Name PURE RESOURCES, L.P.	Elevation 3573'

Surface Location

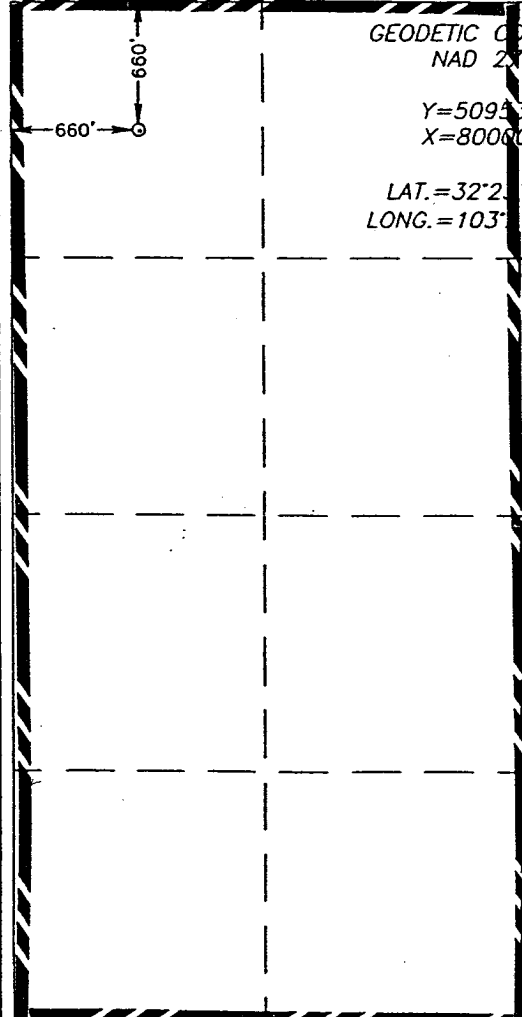
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	22-S	35-E		660'	NORTH	660'	WEST	LEA

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.

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>GEODETIC COORDINATES NAD 20 NME Y=509532.8 N X=800009.1 E LAT.=32°21'49.46" N LONG.=103°11'40.87" W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Alan W. Bohling</i> Signature Alan W. Bohling Printed Name Regulatory Agent Title September 17, 2004 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>APRIL 30, 2004</p> <p>Date Surveyed Signature & Seal of Professional Surveyor <i>GARY EIDSON</i> 04.17.0504 Certificate No. GARY EIDSON 12641</p>
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WELL: Cochise 15 State #1
FIELD: Wildcat (Atoka)



A Unocal Company

API # 30-025-36703
 Surf Loc: 660' FNL 660' FWL Sec 15 T22S R35E
 Lea Co., New Mexico
 Elev: GL 3573', KB 3598' (RKB 25')
 Spud: 6/11/04
 First Sales:
 AFE# 1040368

