

**New Mexico Oil Conservation Division, District I**  
**1625 N. French Drive**

Form 3160-5  
(April 2004)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**Hobbs, NM 88240**

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM 65441
2. Name of Operator Pure Resources, L. P.		6. If Indian, Allottee or Tribe Name NA
3a. Address 500 W. Illinois, Midland, Texas 79701	3b. Phone No. (include area code) 432 498-8662	7. If Unit or CA/Agreement, Name and/or No. 33690
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1310' FSL & 1310' FWL UL M, Sec. 24, T-26-S, R-34-E		8. Well Name and No. Madera "24" Federal #1
		9. API Well No. 30-025-36666
		10. Field and Pool, or Exploratory Area Wildcat (Morrow)
		11. County or Parish, State Lea County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other SPUD & Surface
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Casing/Cement
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Sundry

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

MIRU Nabors Drilling Rig #141 and SPUD well (17-1/2" hole) on 09/20/2004

**Surface Casing**

On 09/25/2004, RIH w/ 25 jts 13-3/8" 54.5# J-55 casing and set @ 1112' w/525 sx Prem Lite Plus cmt. w/2% CaCl<sub>2</sub>, 1/4# Flocele per sk. mixed @ 11.295 GPS (Yld: 2.03 ft<sup>3</sup>/sk, Wt: 12.4 PPG) Lead, followed by 350 sx Prem Plus cmt. w/2% CaCl<sub>2</sub>-HI Test Pellet mixed @ 6.342 GPS (Yld: 1.343 ft<sup>3</sup>/sk, Wt: 14.8 PPG) Tail. Circulated 354 sx cmt. WOC. NU BOP & choke manifold. Hook up ACC lines & flowline, function test all rams & annular, tighten leaks. Test BOP to 500 psi w/rig pump. Test all rams, 2 sets 5" & 1 variable blinds & choke, annular to 500 psi. PU DP & STD in derrick. RD LD machine. Strap BHA & PU BHA & TIH. Tag cmt @ 1,025'. After approx. 69 hours, started drilling & plug @ 1,025' - 1,045'. Present operations, drilling ahead.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Alan W. Bohling

Title Regulatory Agent

Signature

*Alan W. Bohling*

Date

09/28/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, 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.

(Instructions on page 2) ROLEUM ENGINEER

GWW

# Pure Resources, Inc.

## Well History

**MADERA 24 FED #1 - 51.03% WI From 1/1/1920 through 9/28/2004**

Well Name **MADERA 24 FED #1 - 51.03% WI**

Lease Well **511641-0001**

State: **NM**

County: **LEA**

Activity Date **9/21/2004**

Type of Report: **DRILLING**

**INITIAL REPORT**

Description **REPAIR TOP DRIVE**

Times	Hours	Remarks
	1.50	PRESPUD & SAFETY MTG.
	0.50	RU PU MACHINE.
	12.00	PU DP, DC'S & HVYWT DP. STAND IN DERRICK.
	2.50	MAKEUP BHA, BIT, BIT SUB, SHOCKSUB, BLADES. TAG @ 108'.
	2.50	TROUBLESHOOT PUMP PRESSURE. GAUGES PLUGGED CALCIUM CHLORIDE WATER.
	5.00	TOP DRIVE QUIT AGAIN. WAIT ON TECH TO FIX TOP DRIVE.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$531,426	\$531,426	\$3,155,775	1040326	0	0		

Activity Date **9/22/2004**

Type of Report: **DRILLING**

**INITIAL REPORT**

Description **RIG REPAIRS.**

Times	Hours	Remarks
	7.00	RIG REPAIR - TOP DRIVE.
	2.00	REPLACE BROKE CABLES ON STABILIZATION FOR CONDUCTION PIPE.
	1.00	REPAIR DEPTH TRACKING ON CROWN BROKEN ON RIG MOVE.
	1.00	DRLG F/ 108' - 126'.
	1.00	REPLACE DEPTH SENSOR ON CROWN & CALIBRATE.
	1.00	DRLG F/ 126' - 132'.
	2.00	WORK ON CROWN SENSOR AGAIN & CALIBRATE & PUMP PRESSURE.
	7.00	DRLG F/ 132' - 239'.
	1.00	RIG REPAIR - BOLTS FELL OUT BRACE KELLY HOSE - REPLACE BOLTS.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$17,203	\$548,629	\$3,155,775	1040326	239	131		

Activity Date **9/23/2004**

Type of Report: **DRILLING**

**PROGRESS REPORT**

Description **RIG REPAIRS TO PUMP.**

Times	Hours	Remarks
	1.50	RIG REPAIRS.
	0.50	DRLG F/ 239' - 270'.
	1.50	RIG REPAIRS.
	0.50	DRLG F/ 270' - 355'.
	1.00	SURVEY NO GOOD - CLOCK STOPPED.
	1.50	DRLG F/ 355' - 395'.
	0.50	SURVEY @ 395' - 3/4 DEG.
	7.00	DRLG F/ 395' - 585'.
	0.50	SERVICE RIG.
	1.50	COULD NOT BREAK XO SUB OFF TOP DRIVE.
	3.50	DRLG F/ 585' - 737'.
	1.00	SURVEY @ 737' - 3/4 DEG.
	1.50	DRLG F/ 737' - 786'.
	2.00	RIG REPAIRS TO PUMPS - CIRC W/ #2 PUMP.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$123,158	\$671,787	\$3,155,775	1040326	786	547		

Activity Date 9/24/2004

Type of Report: DRILLING

PROGRESS REPORT

Description RU CSG CREW.

Times	Hours	Remarks
	1.50	REPAIRS TO PUMPS.
	5.00	DRLG F/ 786' - 961'.
	0.50	REPAIR #1 PUMP. CIRC W/ #3 PUMP.
	2.50	DRLG F/ 961' - 1000'.
	0.50	REPAIR #1 PUMP. CIRC W/ #3 PUMP.
	6.00	DRLG F/ 1000' - 1112'.
	0.50	CIRC.
	0.50	SURVEY 2-1/4 DEG @ 1109'.
	1.50	CIRC TO RUN CSG.
	3.50	TOOH & LD BHA.
	2.00	RU PICKUP MACHINE & CSG CREW & CHG BAILS.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$62,664	\$734,451	\$3,155,775	1040326	1112	326		

Activity Date 9/25/2004

Type of Report: DRILLING

PROGRESS REPORT

Description NU BOP.

Times	Hours	Remarks
	1.00	FINISH RU CSG TOOLS. STABBING BOARD, CSG TOOLS ON FLOOR.
	0.50	SAFETY MTG W/ CSG CREW & PU MACHINE & RIG CREW.
	1.50	RU CSG TOOLS.
	2.50	RUN 25 JTS ST&C J-55 CSG 54.5#.
	1.50	CIRC CSG.
	1.50	CMT CSG PLUG DOWN 2:15 PM.
	7.50	WOC.
	4.00	CUT OFF CONDUCTOR & 13-3/8" . WELD ON HEAD.
	4.00	NU BOP.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$43,529	\$777,980	\$3,155,775	1040326	1112			

Activity Date 9/26/2004

Type of Report: DRILLING

PROGRESS REPORT

Description NU BOP &amp; CHOKE MANIFOLD.

Times	Hours	Remarks
	24.00	NU BOP & CHOKE MANIFOLD.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$18,465	\$796,445	\$3,155,775	1040326	1112			

Activity Date 9/27/2004

Type of Report: DRILLING

PROGRESS REPORT

Description PU BHA.

Times	Hours	Remarks
	7.50	NU BOP, HOOK UP ACC LINES & FLOWLINE. FUNCTION TEST ALL RAMS & ANNULAR, TIGHTEN LEAKS.
	1.00	TEST BOP TO 500 PSI W/ RIG PUMP. TEST ALL RAMS, 2 SETS 5" & 1 VARIABLE BLINDS & CHOKE, ANNULAR TO 500 PSI.
	1.00	SAFETY MTG W/ LD MACHINE CREW.
	1.50	SET WEAR BUSHING & RU LD MACHINE.
	12.00	PU DP & STD IN DERRICK.
	0.50	RD LD MACHINE.
	1.00	STRAP BHA & PU BHA.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$30,078	\$826,523	\$3,155,775	1040326	1112			

## Description PUMP REPAIRS.

Times	Hours	Remarks
	5.00	PU BHA & TIH. TAG CMT @ 1025'.
	2.00	DRLG CMT & PLUG F/ 1025' - 1045'.
	17.00	CLEAN RUBBER FROM CMT PLUG OUT OF PUMPS. ONLY SMALL AMOUNT OF PLUG WENT OVER SHAKER. SHALE & SETTLING PITS WERE FULL OF CUTTINGS. PUMPS WERE PICKING UP LARGE PIECES OF RUBBER & ROCKS. TWO PUMPS HAVE SUCTION SCREENS & #1 PUMP DOES NOT HAVE A SCREEN. NOTE: DRILLER'S SIDE TRACTION MOTOR NOT WORKING. THIS WAS FOUND WHILE DRLG CMT PLUG.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$24,218	\$850,741	\$3,155,775	1040326	1112			

## TUBING BREAKDOWN AS OF

## ROD BREAKDOWN AS OF

## FAILURES AS OF

