

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**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 013654
2. Name of Operator Pure Resources, L. P.		6. If Indian, Allottee or Tribe Name NM
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. Rincon Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1,814' FNL & 2,106' FWL UL F, Sec. 17, T-27-N, R-6-W		8. Well Name and No. 161M
		9. API Well No. 30-039-27293
		10. Field and Pool, or Exploratory Area Basin Dakota/Mesa Verde
		11. County or Parish, State Rio Arriba NM

**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 <b>DRLG. SUNDRY</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recompleate horizontally, give subsurface locations 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 recompleation 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.)

SEE ATTACHED

(5 pages giving drilling, casing and cementing details for Surface, 1st Intermediate and 2nd Intermediate (Production) casing strings for the Rincon Unit 161M)

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Alan W. Bohling		Title Regulatory Analyst
Signature <i>Alan W. Bohling</i>		Date 10/03/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE		ACCEPTED FOR RECORD
Approved by	Title	Date OCT 14 2003
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.	Office	FARMINGTON FIELD OFFICE BY <i>Je</i>

Title 18 U.S.C. Section 1001, makes 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 reverse)

NMOCD

# Pure Resources, Inc.

## Well History

**RINCON UNIT #161M - 76.82% WI From 1/1/1920 through 10/3/2003**

Well Name RINCON UNIT #161M - 76.82% WI

Lease Well 521504-161M

State: NM

County: RIO ARRIBA

Activity Date 9/24/2003

Type of Report: DRILLING

INITIAL REPORT

Description CIRC HOLE CLEAN.

Times	Hours	Remarks
	17.75	MIRU AZTEC WELL SERVICE RIG #545. SAFETY MTG. DRLG RAT & MOUSE HOLES.
	3.50	DRLG 12-1/4" HOLE F/ 15-216' W/ ALL WT, 95-120 RPM, SPUD MUD, 250 GPM, 500 PSI.
	0.25	WLS @ 176' - 1 DEG.
	2.25	DRLG 12-1/4" HOLE F/ 216-390' W/ ALL WT, 120 RPM, 333 GPM, 700 PSI, SPUD MUD.
	0.25	CIRC HOLE CLEAN.
		MAN HRS 319.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$48,790	\$48,790	\$640,830	1030071	390	375	8.9	

Activity Date 9/25/2003

Type of Report: DRILLING

PROGRESS REPORT

Description DRLG.

Times	Hours	Remarks
	0.75	CIRC HOLE CLEAN.
	0.25	WLS @ 362' - 1 DEG.
	0.75	POH TO RUN 9-5/8" CSG.
	2.00	SAFETY MTG. RU & RUN 9 JTS (370') 9-5/8" 32.3# CSG. SET @ 387'. INSERT @ 347'.
	0.75	SAFETY MTG. PUMP 300 SX "B" W/ 2% CACL2, .25% CELLOFLAKE. DISPLACE W/ 27.5 BBLs. CIRC 28 BBLs GOOD CMT TO PIT. PD @ 10:30 A.M. 9/24/03.
	4.00	WAITING ON CMT.
	4.00	BREAK OUT LANDING JT. INSTALL CSG HEAD. NU BOPE.
	2.00	TEST CSG RAMS, CHOKE, KELLY COCK & SAFETY VALVE TO 600 PSI FOR 30 MIN.
	0.50	MU BHA & TIH. TAG CMT @ 347'.
	0.75	DRLG OUT PLUG & CMT.
	5.25	DRLG 8-3/4" HOLE F/ 390-888' W/ 25-40K, 65-70 RPM, 800 PSI, 290-333 GPM, WATER & POLY.
	0.50	WLS @ 848' - 1-1/2 DEG.
	2.50	DRLG 8-3/4" HOLE F/ 888 - 1120' W/ 35-40K, 85-90 RPM, 850 PSI, 290-333 GPM, WATER & POLY.
		MAN HRS 186.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$36,404	\$85,194	\$640,830	1030071	1120	730	8.4	

Activity Date 9/26/2003  
Description LD DC'S.

Type of Report: DRILLING

PROGRESS REPORT

Times	Hours	Remarks
	3.00	DRLG 8-3/4" HOLE F/ 1120-1384' W/ 35-45K, 85-90 RPM, 850 PSI, 333 GPM, WATER & POLY.
	0.50	WLS @ 1344' - 3/4 DEG.
	2.50	DRLG 8-3/4" HOLE F/ 1384-1659' W/ 35-45K, 85-90 RPM, 850 PSI, 333 GPM, WATER & POLY.
	2.50	RIG REPAIR (HYDROMATIC).
	2.25	DRLG 8-3/4" HOLE F/ 1659-1875' W/ 35-45K, 85-90 RPM, 850 PSI, 333 GPM, WATER & POLY.
	0.50	WLS @ 1835' - 1/4 DEG.
	7.00	DRLG 8-3/4" HOLE F/ 1875-2400' W/ 35-45K, 85-90 RPM, 850 PSI, 333 GPM. START MUD UP.
	0.50	WLS @ 2360' - 1/2 DEG.
	1.25	DRLG 8-3/4" HOLE F/ 2400-2500' W/ 35-45K, 85-90 RPM, 850 PSI, 333 GPM.
	1.00	CIRC HOLE CLEAN.
	0.50	WLS @ 2483' - 3/4 DEG.
	2.50	POH, LD DC'S.
		MAN HRS 164.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$16,960	\$102,154	\$640,830	1030071	2500	1380	9.1	

Activity Date 9/27/2003  
Description DRLG.

Type of Report: DRILLING

PROGRESS REPORT

Times	Hours	Remarks
	5.50	SAFETY MTG. RIG & RUN 60 JTS (2474') 7" 20# STC CSG. SET @ 2493'. TOP FC @ 2450'.
	1.00	CIRC HOLE CLEAN.
	1.00	SAFETY MTG. RU & CMT W/ BJ. LEAD 325 SX (686 FT3) @ 12.1 PPG @ 5 BPM @ 231 PSI. TAIL W/ 80 SX (111 FT3) @ 14.6 PPG @ 5 BPM @ 347 PSI. DROP PLUG & DISPLACE W/ 99.1 BW @ 5 BPM @ 1178 PSI. BUMP PLUG TO 1678 PSI. PD @ 1:30 P.M. CIRC 40 BBLS GOOD CMT TO PIT.
	8.00	WAITING ON CMT. RIG TO AIR DRILL.
	2.00	TEST CSG, BLIND RAMS, PIPE RAMS, CHOKE VALVES & AIR LINES TO 1500 PSI.
	1.00	TEST HAMMER & PU DC'S & TIH TO 2446'.
	1.00	UNLOAD HOLE, ESTABLISH MIST RATE. DRLG PLUG, CMT, FC, CMT TO 2500'. DRY UP HOLE TO DUST.
	4.50	DRLG 6-1/4" HOLE F/ 2500-3130' W/ 2-4K, 40 RPM, 500 PSI, 2000 SCFM, AIR.
		MAN HRS 246.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$46,519	\$148,673	\$640,830	1030071	3130	630		

Activity Date 9/28/2003  
Description DRLG.

Type of Report: DRILLING

PROGRESS REPORT

Times	Hours	Remarks
	2.00	DRLG 6-1/4" HOLE F/ 3130-3509' W/ 2-4K, 40 RPM, 550 PSI, 2000 SCFM, AIR.
	0.25	RIG SERVICE.
	10.50	DRLG 6-1/4" HOLE F/ 3509-4933' W/ 2-4K, 40 RPM, 550 PSI, 2000 SCFM, AIR.
	0.25	RIG SERVICE.
	11.00	DRLG 6-1/4" HOLE F/ 4933-6280' W/ 2-4K, 40 RPM, 550 PSI, 2000 SCFM, AIR.
		MAN HRS 264.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$19,600	\$168,273	\$640,830	1030071	6280	3150		

Activity Date 9/29/2003  
Description RU BJ & CMT.

Type of Report: DRILLING

PROGRESS REPORT

Times	Hours	Remarks
	2.00	DRLG 6-1/4" HOLE F/ 6280-6585' W/ 2-4K, 40 RPM, 550 PSI, 1800 SCFM, AIR/N2.
	0.25	RIG SERVICE.
	7.75	DRLG 6-1/4" HOLE F/ 6585-7330' W/ 2-4K, 40 RPM, 550 PSI, 1800 SCFM, N2.
	1.00	BLOW HOLE CLEAN.
	5.00	LD DP & DC'S.
	6.00	RU & RUN 175 JTS (7333') 11.6# I-80 LTC CSG. LAND @ 7329' TOP FC @ 7284'.
	1.00	BLOW HOLE.
	1.00	SAFETY MTG. RU BJ & CMT.
		MAN HRS 176.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$56,455	\$224,728	\$640,830	1030071	7330	1050		

Activity Date 9/30/2003  
Description CLEAN PITS.

Type of Report: DRILLING

FINAL REPORT

Times	Hours	Remarks
	0.75	RU BJ, TEST PUMPS & LINES TO 3500 PSI. PUMP 20 BBLS CHEMICAL WASH, 10 BW. LEAD W/ 85 SX (201 FT3) PREM LITE HIGH STRENGTH FM @ 11.9 PPG. TAIL W/ 525 SX (1060 FT3) @ 12.5 PPG @ 5 BPM @ 250 PSI. DROP PLUG & DISPLACE W/112.9 BW @ 5 BPM AVG @ 2200 PSI. BUMP PLUG TO 2700. CIRC 35 BBLS GOOD CMT TO PIT. SHUT IN @ 6:45 9/29/03.
	4.00	ND BOPE, SET SLIPS W/ 88K#. CUT OFF CSG, CLEAN PITS.
		MAN HRS 176.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$28,920	\$253,648	\$640,830	1030071	7330			

**TUBING BREAKDOWN AS OF  
ROD BREAKDOWN AS OF  
FAILURES AS OF**

**CASING HISTORY REPORT**

**SURFACE LEVEL**

**Location** 1814' FNL, 2106' FWL, SEC 17, T27N, R6W

**TD Date** 9/24/2003

**TD Hole Time**

**Total Depth:** 390

**Hole Size:** 12-1/4"

<u>Joints Ran</u>	<u>Joint Description</u>	<u>Total Footage</u>	<u>Running Ftg.</u>
	SAWTOOTH COLLAR	1.00	1.00
1	9-5/8" 32.3# H-40 STC CSG	40.65	41.65
	INSERT FLOAT	0.00	41.65
8	9-5/8" 32.3# H-40 STC CSG	328.73	370.38
	CSG HEAD	2.00	372.38
	KB	15.00	387.38

**9 Total Joints Ran**

**387.38**

**Cemented as follows:**

**Top Cement:**

Stage 1 - 300 SX TYPE 111 W/ 2% CACL2, .25% CELLOFLAKE MIXED @ 6.7 GPS (YLD:1.39, WT:14.60)

**Comments**

**1st INTERMEDIATE LEVEL**

**Location** 1814' FNL, 2106' FWL, SEC 17, T27N, R6W

**TD Date** 9/26/2003

**TD Hole Time**

**Total Depth:** 2500

**Hole Size:** 8-3/4"

<u>Joints Ran</u>	<u>Joint Description</u>	<u>Total Footage</u>	<u>Running Ftg.</u>
	FLOAT COLLAR	1.00	1.00
1	7" 20# J-55 STC CSG	41.25	42.25
	SAWTOOTH COLLAR	1.00	43.25
59	7" 20# J-55 STC CSG	2432.98	2476.23
	KB	15.00	2491.23
	MANDREL	0.50	2491.73
	FLOAT COLLAR	1.00	2492.73

**60 Total Joints Ran**

**2492.73**

**Cemented as follows:**

**Top Cement:**

Stage 1 - 325 SX PREM LITE HS FM W/ 2% CACL2, .25# CELLOFLAKE, 8% GEL, .25% LCM-1 MIXED @ 11.9 GPS (YLD:2.11, WT:12.10)

Tail: 80 SX TYPE 111 W/ 2% CACL2, .25% CELLOFLAKE MIXED @ 6.7 GPS (YLD:1.39, WT:14.60)

**Comments**

Location 1814' FNL, 2106' FWL, SEC 17, T27N, R6W

TD Date 9/28/2003

TD Hole Time

Total Depth: 7330

Hole Size: 6-1/4"

Joints Ran	Joint Description	Total Footage	Running Ftg.
	KB	15.00	15.00
134	4-1/2" 4.5# I-80 LTC CSG	5566.63	5581.63
1	MARKER JT	14.80	5596.43
1	SHOE JT	42.20	5638.63
39	4-1/2" 4.5# I-80 LTC CSG	1688.32	7326.95
	SHOE	1.50	7328.45
	FLOAT COLLAR	1.50	7329.95
<b>175 Total Joints Ran</b>		<b>7329.95</b>	

Cemented as follows:

Top Cement:

Stage 1 - 85 SX TYPE 111 PREM LITE HIGH STRENGTH W/ 2% CACL<sub>2</sub>, 5 PPS LCM-1, .25 PPS CF, 1% FL-52, .3% CD-32, .3% R-3 MIXED @ 12.7 GPS (YLD:2.37, WT:11.90)

Tail: 525 SX SAME AS LEAD MIXED @ 10.1 GPS (YLD:2.02, WT:12.50)

Comments