

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised May 08, 2003

WELL/API NO. 30-039-27320	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. E-290-28	
7. Lease Name or Unit Agreement Name Rincon Unit	
8. Well Number 166P	
9. OGRID Number 189071	
10. Pool name or Wildcat Basin Dakota/Blanco Mesa Verde	
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator Pure Resources, L. P.	
3. Address of Operator 500 W. Illinois Midland, Texas 79701	
4. Well Location Unit Letter <u>D</u> . <u>945</u> feet from the <u>North</u> line and <u>849</u> feet from the <u>West</u> line Section <u>32</u> Township <u>27-N</u> Range <u>6-W</u> NMPM County <u>Rio Arriba</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6,617' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOBS ☐
OTHER: Completion ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

SEE ATTACHED REPORT

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

SIGNATURE Alan W. Bohling TITLE Regulatory Analyst DATE 09/18/2003

Type or print name Alan W. Bohling Telephone No. (432)498-8662
(This space for State use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 13 DATE SEP 29 2003
Conditions of approval, if any:

Pure Resources, Inc.

Well History

RINCON UNIT #166P - 76.82% WI From 1/1/1920 through 9/3/2003

Well Name RINCON UNIT #166P - 76.82% WI

Lease Well 521684-166P

State: TX

County: RIO ARRIBA

Activity Date 7/26/2003

Type of Report: DRILLING

INITIAL REPORT

Description DRLG.

Times	Hours	Remarks
	18.00	MIRU AZTEC WELL SERVICE RIG #545. HELD SAFETY MTG. DRLG RAT & MOUSE HOLES.
	4.75	DRLG 12-1/4" HOLE F/ 15-184' W/ ALL WT, 85-120 RPM, SPUD MUD, 250-333 GPM. SPUD 800 PSI.
	0.25	WLS @ 144' - 1 DEG.
	1.00	DRLG 12-1/4" HOLE F/ 184-246' W/ ALL WT, 120 RPM, 333 GPM, 800 PSI, SPUD MUD.
		MAN HRS 256.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$39,140	\$39,140	\$641,000	1010072	246	231	8.9	

Activity Date 7/27/2003

Type of Report: DRILLING

PROGRESS REPORT

Description DRLG.

Times	Hours	Remarks
	2.25	DRLG 12-1/4" HOLE F/ 246-390' W/ ALL WT, 120 RPM, 333 GPM, 800 PSI, SPUD MUD.
	0.75	CIRC HOLE CLEAN, WLS @ 390' - 3/4 DEG.
	0.50	POH TO RUN CSG.
	1.00	SAFETY MTG. RU & RUN 9 JTS 9-5/8" 32.3# H-40 (369') CSG. SET @ 387'. Surface CSG
	1.00	SAFETY MTG. RU & PUMP 225 SX "B" W/ 2% CACL2, .25% CELLOFLAKE, CIRC 29 BBLS CMT. PD 11:30 A.M. cement
	4.00	WAITING ON CMT. CUT 100' DRLG LINE.
	4.00	BREAK OUT LANDING JT. INSTALL CSG HEAD. NU BOPE.
	1.50	TEST CSG, RAMS, CHOKE, KELLY COCK, & SAFETY VALVE TO 600 PI FOR 30 MIN.
	1.50	MU BHA & TIH. TAG CMT @ 327'.
	2.50	DRLG OUT PLUG & CMT.
	6.00	DRLG 8-3/4" HOLE F/ 390-810' W/ 25-40K, 65-70 RPM, 800 PSI, 290-333 GPM, WATER & POLY.
		MAN HRS 168.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$28,728	\$67,868	\$641,000	1010072	810	564	8.4	

Activity Date 7/28/2003

Type of Report: DRILLING

PROGRESS REPORT

Description CIRC COND HOLE.

Times	Hours	Remarks
	0.75	DRLG 8-3/4" HOLE F/ 810-893' W/ 40K, 80 RPM, 800 PSI, 333 GPM, WATER & POLY.
	0.25	WLS @ 853' - 1/4 DEG.
	4.75	DRLG 8-3/4" HOLE F/ 893-1386' W/ 40K, 80 RPM, 900 PSI, 333 GPM, WATER & POLY.
	0.50	WLS @ 1346' - 3/4 DEG.
	4.75	DRLG 8-3/4" HOLE F/ 1386-1882' W/ 40K, 80 RPM, 1000 PSI, 333 GPM, WATER & POLY.
	0.50	WLS @ 1842' - 3/4 DEG.
	3.00	DRLG 8-3/4" HOLE F/ 1882-2161' W/ 40K, 80 RPM, 1100 PSI, 333 GPM, WATER & POLY.
	0.25	RIG SERVICE.
	3.25	DRLG 8-3/4" HOLE F/ 2161-2349' W/ 30-40K, 60-80 RPM, 1100 PSI, 333 GPM, WATER & POLY.
	0.50	WLS @ 2309' - 1 DEG.
	5.00	DRLG 8-3/4" HOLE F/ 2349-2700' W/ 30-40K, 60-80 RPM, 1100 PSI, 333 GPM, WATER & POLY.
	0.50	CIRC COND HOLE.
		MAN HRS 158.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$14,289	\$82,157	\$641,000	1010072	2700	1890	8.4	

Activity Date 7/29/2003

Type of Report: DRILLING

PROGRESS REPORT

Description DRLG.

Times	Hours	Remarks
	1.50	CIRC HOLE CLEAN. WLS @ 2683' - 1 DEG.
	4.00	POH SLM. LD DC'S.
	3.50	SAFETY MTGS. RIG & RUN 65 JTS (2678'). SET @ 2696'. TOP FC @ 2653'. <i>Intermediate</i>
	1.00	CIRC HOLE CLEAN. <i>CSG</i>
	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 @ 324 PSI. DROP PLUG & DISPLACE W/ 107 BW @ 5 BPM @ 1340 PSI. BUMP PLUG TO 1724 PSI. PD @ 5:00 P.M. CIRC 17 BBLs GOOD CMT TO PIT. <i>cement</i>
	3.00	RIG TO AIR DRILL. CHANGE RAMS.
	1.50	TEST CSG, BLIND RAMS, CHOKE VALVES & AIR LINE TO 1500 PSI.
	2.00	TEST HAMMER & PU DC'S.
	1.75	TIH, TAG @ 2650'.
	0.75	TEST PIPE RAMS TO 1500 PSI.
	1.00	UNLOAD HOLE. ESTABLISH MIST RATE.
	2.25	DRLG PLUG, FC, CMT, FC & CMT TO 2905'.
	0.75	DRLG 6-1/4" HOLE F/ 2700-2775' W/ 2-4K, 45 RPM, 450 PSI, 1800 SCFM.
		MAN HRS 221.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$49,925	\$132,082	\$641,000	1010072	2775	75		

Activity Date 7/30/2003

Type of Report: DRILLING

PROGRESS REPORT

Description DRLG.

Times	Hours	Remarks
	2.00	DRLG 6-1/4" HOLE F/ 2775-2889' W/ 2-4K, 45 RPM, 450 PSI, 1800 SCFM.
	0.25	RIG SERVICE.
	21.75	DRLG 6-1/4" HOLE F/ 2889-5150' W/ 2-4K, 45 RPM, 450 PSI, 1800 SCFM.
		MAN HRS 216.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$22,001	\$154,083	\$641,000	1010072	5150	2375		

Activity Date 7/31/2003
Description DRLG.

Type of Report: DRILLING

PROGRESS REPORT

Times	Hours	Remarks
	2.00	DRLG 6-1/4" HOLE F/ 5150-5345' W/ 2-4K, 40-45 RPM, 1800 SCFM, 500 PSI.
	0.25	RIG SERVICE.
	7.75	DRLG 6-1/4" HOLE F/ 5345-6292' W/ 2-4K, 40-45 RPM, 1800 SCFM, 500 PSI.
	0.25	RIG SERVICE.
	4.50	DRLG 6-1/4" HOLE F/ 6292-6793' W/ 2-4K, 40-45 RPM, 1800 SCFM, 500 PSI.
	0.25	XO TO N2.
	9.00	DRLG 6-1/4" HOLE F/ 6793-7410' W/ 2-04K, 40-45 RPM, 1400 SCFM, 400 PSI.
		MAN HRS 221.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$16,745	\$170,828	\$641,000	1010072	7410	2260		

Activity Date 8/1/2003

Type of Report: DRILLING

FINAL REPORT

Description RIG RELEASED.

Times	Hours	Remarks
	3.00	DRLG 6-1/4" HOLE F/ 7410-7563' W/ 2-4K, 40-45 RPM, 1400 SCFM, 400 PSI.
	1.00	BLOW HOLE CLEAN.
	6.00	LD DP & DC'S.
	5.25	RU & RUN 180 JTS (7563') 11.6 I-80 LTC CSG. LAND @ 7662', TOP FC @ 7521'.
	1.25	BLOW HOLE.
	1.50	RU BJ. TEST PUMPS & LINES TO 3500 PSI. PUMP 20 BBLS CHEM 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 @ 178 PSI. DROP PLUG & DISPLACE W/ 116.5 BW @ 5 BPM. AVG @ 2480 PSI. BUMP PLUG TO 2811. CIRC 35 BBLS GOOD CMT TO PIT. SWI @ 11:45 P.M. 7-31-03.
	4.00	ND BOPE, SET SLIPS W/ 90K#, CLEAN PITS. RIG RELEASED @ 4:00 A.M. 8/1/03. MAN HRS 223.

Production
Ceg/
Cement

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$80,779	\$251,607	\$641,000	1010072	7563	153		

Activity Date 8/6/2003

Type of Report: COMPLETION

INITIAL REPORT

Description SDON.

Times	Hours	Remarks
		MIRU AZTEC WELL SERVICE. NU BOP. PU & RIH W/ BIT ON 2-3/8" WS. TAG PLUG @ 7519'. DRILL PLUG & COLLAR & CMT TO 7558'. CIRC HOLE CLEAN. PUH LD TBG, INC. MAN HRS NOT REPORTED.

Daily Cost	Cum Cost	AFE Amount	AFE #		
\$3,900	\$255,507	\$641,000	1010072		

Activity Date 8/7/2003

Type of Report: COMPLETION

PROGRESS REPORT

Description RD.

Times	Hours	Remarks
		FINISH TOH LD TBG. ND BOP. RDMO DDP. RU SCHLUMBERGER WL. RUN DUAL BURST THERMAL DECAY LOG F/ TD @ 7558' TO 2696'. PULL GR TO 1000'. RD. MAN HRS NOT REPORTED.

Daily Cost	Cum Cost	AFE Amount	AFE #		
\$6,500	\$262,007	\$641,000	1010072		

Activity Date 8/12/2003

Type of Report: COMPLETION

PROGRESS REPORT

Description RD WL.

Times	Hours	Remarks
		NU FRAC VALVE. RU & TEST TO 6500# - OK. RU BASIN PERFORATORS. PERF DAKOTA W/ 1 JSPF @ 7549, 45, 41, 37, 33, 27, 23, 19, 15, 07, 01, 7496, 81, 77, 73, 69, 65, 61, 33, 28, 7395, 82, 78, 75, 7359, 40, 34 (29 HOLES). RD LUBRICATOR. RD WL. MAN HRS 12.

completion
Perfs

Daily Cost	Cum Cost	AFE Amount	AFE #		
\$7,000	\$269,007	\$641,000	1010072		

Activity Date 8/13/2003

Type of Report: COMPLETION

PROGRESS REPORT

Description OPEN WELL TO PIT.

Times

Hours

Remarks

MIRU BJ SERVICES. TEST LINES & VALVES TO 7500#. RU & BREAK PERFS @ 3950#. EST RATE OF 25 BPM @ 2880. ISIP 900#. PUMP GAS PLUS, RAMP UP ON PAD. FRAC DAKOTA PERFS F/ 7334-7549' W/ 93,000 GALS SFG 3500 & 17914 NITROGEN @ 7Q QUALITY FOAM & 190000# 20/40 SAND IN 4 STAGES. PRESSURES 3750-5289#, AVG 4500. ISIP 3106#. RD BJ SERVICES. OPEN WELL TO PIT ON 8/64" CHOKE. TLTR 824.

Completion
Frac

Daily Cost

Cum Cost

AFE Amount

AFE #

\$96,000

\$365,007

\$641,000

1010072

Activity Date 8/14/2003

Type of Report: COMPLETION

PROGRESS REPORT

Description FLOWING.

Times

Hours

Remarks

FLOWED WELL ON 8/64" CHOKE FOR 8 HRS. PRESSURE 2500-1400#. CONTINUE TO FLOW ON BUILDING TO 24/64" CHOKE, PRESSURE 1400-400#. WELL MAKING GOOD WATER & NITROGEN. TP 350 OF 824 BLTR. MAN HRS 48.

Daily Cost

Cum Cost

AFE Amount

AFE #

\$800

\$365,807

\$641,000

1010072

Activity Date 8/18/2003

Type of Report: COMPLETION

PROGRESS REPORT

Description FLOWING.

Times

Hours

Remarks

SWI 8/15/03 FOR BUILDUP. MIRU COBRA SLICKLINE SERVICES. RUN BHP SURVEY. RIG DOWN. FIRST DELIVERED WELL TO SALES LINE 11:30 A.M. 8/18/03. FCP 2100#. FLOWED @ 1.2 MMCFD. TR 650 OF 824 BLW. MAN HRS 48.

Daily Cost

Cum Cost

AFE Amount

AFE #

\$63,650

\$429,457

\$641,000

1010072

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

CASING HISTORY REPORT

SURFACE LEVEL

Location 945' FNL, 849' FWL, SEC 32, T27N, R6W

TD Date 7/26/2003

TD Hole Time

Total Depth: 390

Hole Size: 12-1/4"

<u>Joints Ra</u>	<u>Joint Description</u>	<u>Total Footage</u>	<u>Running Ftg.</u>
8	9-5/8" 32.3# H-40 CSG	329.26	329.26
	CSG HEAD	1.00	330.26
	SAWTOOTH COLLAR	1.00	331.26
1	9-5/8" 32.3# H-40 CSG	41.13	372.39
	KB	15.00	387.39
	INSERT FLOAT	0.00	387.39
9 Total Joints Ran		387.39	

Cemented as follows:

Top Cement:

Stage 1 - 225 SX TYPE 111 W/ 2% CACL2, .25% CELLOFLAKE MIXED @ 6.7 GPS (YLD:1.39, WT:14.60)

Comments

INTERMEDIATE LEVEL

Location 945' FNL, 849' FWL, SEC 32, T27N, R6W

TD Date 7/29/2003

TD Hole Time

Total Depth: 2700

Hole Size: 6-1/4"

<u>Joints Ra</u>	<u>Joint Description</u>	<u>Total Footage</u>	<u>Running Ftg.</u>
	FLOAT COLLAR	1.00	1.00
	MANDREL	0.50	1.50
64	7" 20# K-55 STC CSG	2637.21	2638.71
	KB	15.00	2653.71
1	7" 20# K-55 STC CSG	40.90	2694.61
	FLOAT COLLAR	1.00	2695.61
	SAWTOOTH COLLAR	1.00	2696.61
65 Total Joints Ran		2696.61	

Cemented as follows:

Top Cement:

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

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

Comments

Location 945' FNL, 849' FWL, SEC 32, T27N, R6W

TD Date 7/29/2003

TD Hole Time

Total Depth: 7563

Hole Size: 6-1/4"

Joints Ra	Joint Description	Total Footage	Running Ftg.
6	4-1/2" 11.6# I-80 LTC CSG	252.26	252.26
	KB	15.00	267.26
172	4-1/2" 11.6# I-80 LTC CSG	7236.00	7503.26
	FLOAT COLLAR	1.50	7504.76
	SHOE	1.50	7506.26
1	MJ	15.18	7521.44
1	SHOE JT	42.20	7563.64
180 Total Joints Ran		7563.64	

Cemented as follows:**Top Cement:**

Stage 1 - 85 SX TYPE 111 PREM LITE HS W/ 2% CACL2, 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)

Stage - (YLD:, WT:)

Comments