Submit 1 Copy To Appropriate District Office	State of New Mexico			Form C-103				
District I- (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and Natural Resources		Revised July 18, 2013 WELL API NO.					
<u>District II</u> - (575) 748-1283 1301 W. Grand Ave., Artesia, NM 8821 0	OIL CONSERVATION DIVISION		30-015-28190					
District III- (505) 334-6178	1220 Sou	ith St. Fran	cis Dr.	5. Indicate 3	Type of Lease TE ☐ FI	EE 🛛		
1 000 Rio Brazos Rd., Aztec, NM 8741 0 <u>District IV-</u> (505) 476-3460	Santa	Fe, NM 87	505	6. State Oil & Gas Lease No.				
1220 S. St. Francis Dr., Santa Fe, NM 87505	10 S. St. Francis Dr., Santa Fe, NM Record Clean Up							
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.)					7. Lease Name or Unit Agreement Name West Red Lake Unit			
1. Type of Well: Oil Well	Gas Well Other			8. Well Number 38				
Name of Operator     Redwood Operating LLC					9. OGRID Number 330211			
3. Address of Operator			MILLORANI DE PRODUCTION	10. Pool Name or Wildcat				
	370 Artesia, NM 8821	0		Red Lake; Queen-Grayburg-San Andres				
4. Well Location	320 6 6 6	North		220 4		Wast		
Unit Letter Lot 1 Section 7	feet from th Township	100	OFF		et from the	West line Eddy		
Section ,	11. Elevation (Show		1150	NMPM	County	Eddy		
		3294'			A THE WAY AND A			
12 Charles	ammamulata Day ta l	Indianta N	tuma aCNatina	D O	Athan Data			
	Appropriate Box to l	indicate Na	iture of Notice,	Report or O	ther Data			
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:								
PERFORM REMEDIAL WORK TEMPORARILY ABANDON	PLUG AND ABANDO CHANGE PLANS		REMEDIALWOR		The state of the s	IG CASING 🔲		
PULL OR ALTER CASING								
DOWNHOLE COMMINGLE				ere same see				
CLOSED-LOOP SYSTEM U		П	OTHER:			П		
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date								
of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion of proposed completion.								
4/18/1995 Perforate 1374-1473' 1'	7 holes, .40 hole. Acid	ize perfs wi	th 2000 gals 15%	NEFE.				
4/20/1995 Frac with 17,000 gals k	CL water, 20,000 gal	s X-link gel	, 71,000# 20/40 (	Ottawa sand, 8	000# 20/40 RC	c sand, 1512 gals		
2% KCL flush. 4/21/1995 Set RBP @ 1150'. Perfe	orate 1022-1036' 15 h	oles 40 ho	le Acidize with 1	500 gale 15%	NEEE			
4/23/1995 Frac with 10,000 gals 3						% KCL flush.		
Spud Date:	Rig	g Release Da	te:					
I hereby certify that the information	above is true slid comp	lete to the be	st of my knowleds	ze and belief.				
				, , , , , , , , , , , , , , , , , , , ,				
SIGNATURE Supplit	Hay II	TLE Product	ion Clerk		DATE 2/4/20	)21		
Type or print name Jerry W. Sherro	ell E-	mail address	: jerrys@mec.co	m	PHONE: 575	5-748-1288		
For State Use Only Accepted: Ku	ant Cimara		-		_			
Accepted: Ku	rt Simmons	ΓLE	NMNOC	υD	03/16/2 DATE	.021		
Conditions of Approval (if any):	11							

(405) 235-3611

# DAILY OPERATIONS REPORT -- July 20, 1995

Well Name & # WEST RED LAKE UNIT #38

Field/Reservoir: West Red Lake (Q-GB-SA) TD 1950', PBTD 1720' (CIBP)

Location: 330' FNL & 330' FWL, Lot 1, Sec. D-7-T18S-R27E, Eddy Cnty, NM

ID Numbers: Lease 44016-00-0, WI 0.978482, API 30-015-28190, Fee Lease

Elevations: GL 3294', KB-Gnd 9', KB-Df= 11'

Engineer: E.Buttross/ld

Perfs: Premier Sand--1022-36'

San Andres--1374-1473' Alpha, 1564-1600' "A", 1646-90' "B", 1744-94' "C" & "D"

Operations: COMPLETION / San Andres Dev / AFE 30-94-150, ETC \$222,000.

<u>03-31-95</u> Pumped 30 BO, 55 BW.

<u>04-01-95</u> Pumped 28 BO, 61 BW.

<u>04-02-95</u> Pumped 26 BO, 51 BW.

<u>04-03-95</u> Pumped 43 BO, 49 BW.

<u>04-04-95</u> Pumped 32 BO, 53 BW.

<u>04-05-95</u> Pumped 57 BO, 77 BW.

<u>04-07-95</u> Pumped 65 BO, 89 BW.

04-14-95 Shot FL = 52 its

<u>04-15-95</u> Pumped 43 BO, 46 BW.

<u>04-16-95</u> Pumped 42 BO, 44 BW.

<u>04-18-95</u> This am prep to swab.

Summary: Held 5 min safety mtg on H<sub>2</sub>S. RU Cobra WS pulling unit. Pump stuck. Broke pull rod

on pump. POH w/rods. POH w/tbg and pump. Ran RBP and packer. Set RBP at 1520'. Press tested RBP, w/packer above, to 1000 psi; held OK. POH w/tbg and packer. Black Warrior ran 4" csg guns and perf'd Alpha zone w/1 JSPF as follows: 1374', 76', 80', 1410', 11', 16', 22', 32', 33', 40', 49', 56', 58', 63', 72', 73'; total 17 holes (.40" EHD). RD Warrior. Ran full bore packer to 1473' and spotted acid across perfs. Set packer at 1470'. Nowsco acidized Alpha perfs 1374-1473' w/2000 gals 15% NeFe acid + 27 BS + 315 gals 2% KCl water flush. Broke down formation at 2220 psi. Balled off w/27 bbls on perfs at 4000 psi. Surged balls and finished pumping acid. AIR 5.7 BPM w/2053 psi, Max 5.7 BPM w/4000 psi. ISIP 1500 psi, 5 mins 1270 psi, 10 mins 1220 psi, 15 mins 1170 psi. Made 4 runs and swabbed dry. Made two 1 hr runs, 200' fluid

entry. Rec'd 17 BLW, no oil or gas. SION. 53 BLWTR.

Costs DC \$5672 TC \$208,358

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330' FNL & 330' FWL, Lot 1, Sec. D-7-T18S-R27E, Eddy Cnty, NM Location: **ID Numbers:** 

Lease 44016-00-0, WI 0.978482, API 30-015-28190, Fee Lease

**Elevations:** GL 3294', KB-Gnd 9', KB-Df= 11'

Engineer: E.Buttross/ld

Perfs: Perfs: Premier Sand--1022-36'

San Andres--1374-1473' Alpha, 1564-1600' "A", 1646-90' "B", 1744-94' "C" & "D"

Operations: COMPLETION / San Andres Dev / AFE 30-94-150, ETC \$227.000

04-19-95 This am prep to frac.

Summary: Held 5 min safety mtg on air pacs. SITP 320 psi. IFL 400' from surf. Had 20' oil on 1st

> swab run. 2nd run FL 1000'. 3rd run dry. SD 1 hr. Had 150' fluid entry. 2nd hr dry. SD 1 hr. Made 2 more 1 hr runs, 50' fluid entry/hr. Swabbed total 6 BLW, trace oil. 47

BLWTR. Released packer. POH w/tbg and packer. SION.

Costs DC \$7750, TC \$209,816

04-20-95 This am prep to circ sand.

Held 5 min safety mtg on RA material. RU Western. Frac'd Alpha perfs 1374-1473' Summary:

> down 5 1/2" csg w/17,000 gals 2% KCl water prepad + 20,000 gals X-link gelled 2% KCl water + 71,000# 20/40 Ottawa sd + 8000# 20/40 RC sd + 1512 gals 2% KCl water

flush follows:

17,000 gals 2% KCl water prepad

8000 gals 30# X-link gel pad

500 gals 30# X-link gel w/2 ppg 20/40 Ottawa sd (1000#) 500 gals 30# X-link gel w/4 ppg 20/40 Ottawa sd (2000#)

4000 gals 30# X-link gel w/6 ppg 20/40 Ottawa sd (24,000#)

4000 gals 30# X-link gel w/7 ppg 20/40 Ottawa sd (28,000#)

2000 gals 30# X-link gel w/8 ppg 20/40 Ottawa sd (16,000#)

1000 gals 30# X-link gel w/8 ppg 20/40 RC sd (8000#)

1512 gals 2% KCl water flush

When 8000 gals X-link gel pad hit perfs, press jumped from 2180-2670 psi. Well

screened out on 2 ppg sand. Flwd 30 bbls and resumed frac'g. AIR 32 BPM w/2300 psi,

Max 38 BPM w/4000 psi. ISIP 1180 psi, forced closed at 1/2-1 BPM w/1140 psi. Tagged Ottawa sd w/Iridium and RC sd w/Scandium. Flwd 250 BLW to pit until sand

cleaned up. Left flwg to frac tank. 711 BLWTR.

Costs DC \$23,574, TC \$232,493

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Location: 330' FNL & 330' FWL, Lot 1, Sec. D-7-T18S-R27E, Eddy Cnty, NM

ID Numbers: Lease 44016-00-0, WI 0.978482, API 30-015-28190, Fee Lease

Elevations: GL 3294', KB-Gnd 9', KB-Df= 11'

Engineer: E.Buttross/ld

Perfs: Premier Sand—1022-36'

San Andres--1374-1473' Alpha, 1564-1600' "A", 1646-90' "B", 1744-94' "C" & "D"

Operations: COMPLETION / San Andres Dev / AFE 30-94-150, ETC \$75,000

<u>O4-21-95</u>
Summary:
Held 5 min safety mtg on circ'g sand. Ran retrieving head on 2 7/8" tbg. Circ'd sand

from 148' to RBP. Circ'd hole clean. Released RBP and reset at 1150'. Press tested RBP to 1000 psi, held OK. PQH w/tbg and retrieving head. RU Wedge WL. Ran 4" csg guns. Perf'd Premier Sd w/1 JSPF from 1022-1036', total 15 holes (.40" EHD). RD Wedge. Ran full bore packer to 1036' and spotted acid across perfs. Set packer at 900'. Nowsco acidized w/1500 gals 15% NeFe acid + 30 BS + 252 gals 2% KCl water flush. Balled out on 27th ball at 3500 psi. Finished pumping acid. Broke down formation at

1700 psi. AIR 4 BPM w/1390 psi, Max 4 BPM w/3500 psi. ISIP 710 psi, 5 mins 690 psi, 10 mins 660 psi, 15 mins 650 psi. Swabbed dry in 2 runs. Made one 30 min run and

two 1 hr runs. Last run 50' fluid entry, 5% oil. Rec'd total 15 BLW, 34 BLWTR. SION.

Costs DC \$4505, TC \$257,938

<u>04-22-95</u> This am prep to frac Premier perfs 1022-1036'.

Summary: Drove crew to location. Held 5 min safety mtg on H<sub>2</sub>S. SITP 325 psi. IFL 600' from

surface. Swabbed down in 2 runs. Rec'd 2 BO, 3 BLW. SD 1 hr, had 50' fluid entry,

rec'd 0 BF. SD 1 hr, had 100' fluid entry, rec'd 1 BLW w/trace of oil. SION. 30

BLWTR.

<u>Costs</u> DC \$200, TC \$2008

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**Elevations:** GL 3294', KB-Gnd 9', KB-Df= 11'

Engineer: E.Buttross/ld

Perfs: Perfs: Premier Sand--1022-36'

San Andres--1374-1473' Alpha, 1564-1600' "A", 1646-90' "B", 1744-94' "C" & "D"

**Operations:** COMPLETION / San Andres Dev / AFE 30-94-150, ETC \$22-1500

This am flwg back frac. 04-23-95

Summary: Drove crew to location. Held 5 min safety mtg on frac and had pre-frac meeting.

> Released packer and POH. ND BOP. RU Nowsco. Frac'd Premier perfs 1022-1036' down csg w/10,000 gals 30# X-link gelled 2% KCl water + 35,000# 20/40 Ottawa sd +

4000# 20/40 curable RC sd + 887 gals 2% KCl water flush as follows:

4000 gals 30# X-link gel pad

500 gals 30# X-link gel w/2 ppg 20/40 Ottawa sd (1000#) 500 gals 30# X-link gel w/4 ppg 20/40 Ottawa sd (2000#) 1500 gals 30# X-link gel w/6 ppg 20/40 Ottawa sd (9000#) 1000 gals 30# X-link gel w/7 ppg 20/40 Ottawa sd (7000#) 2000 gals 30# X-link gel w/8 ppg 20/40 Ottawa sd (16,000#)

500 gals 30# X-link gel w/8 ppg 20/40 RC sd (4000#)

887 gals 2% KCl water flush

AIR 18.2 BPM w/1595 psi, Max 18.5 BPM w/2450 psi. ISIP 890 psi, forced closed at ±1/4 BPM. Flwd to pit and reserve pit. At 1400 hrs 04-22-95 sent crew in. Rec'd 110

BLW, FTP 200 psi. 160 BLWTR.

Costs DC \$14.250 TC \$24.7.108

<u>04-24-95</u> This am prep to TIH and wash sand.

04-25-95 This am pumping to frac tank. Rec'd 45 BLW, 115 BLWTR.

Drove crew to location. Held 5 min safety mtg on H<sub>2</sub>S. PU and ran retrieving head on Summary: 2 7/8" tbg. Tagged sand at 1120'. Washed sand and caught RBP. TOH w/RBP. RU

Halliburton. Ran TracerScan log from 1710-710'. RD. TIH w/tbg, hung off. Ran rods

and new pump. Hung well on. HU wellhead. Testing to frac tanks. RD pulling unit.

Costs DC \$3320, TC \$246,428

> Ran production equipment as follows: Length Depth(Btm) SN 2 7/8" 1685

54 jts 2 7/8" 6.5# J-55 8rd tbg

2 1/2" x 1 1/2" x 12' pump w/traveling bbl 12' 1-2' x 3/4" pony rod 2' 66-3/4" rods 1650' 20'

4-3/4" pony rods; 8', 6', 4', 2'

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III
1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 16972

#### **CONDITIONS OF APPROVAL**

Operator:			OGRID:	Action Number:	Action Type:
REDWOOD OPERATING LLC	PO Box 1370	Artesia, NM882111370	330211	16972	C-103R

OCD Reviewer	Condition
ksimmons	None