

SUMMARY OF WELL COMPLETION DATA
AND BOTTOM HOLE PRESSURES

VACA DRAW/PITCHFORK AREA TGF DESIGNATION - MORROW SANDS

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AND BOTTOM HOLE PRESSURES**

ENRON OIL AND GAS COMPANY

VACA DRAW / PITCHFORK AREA TGF DESIGNATION MORROW SANDS

27-Nov-91

LH117RCL

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WELL	INTERVAL	PRE-STIM FLOW TEST @ FTP	BREAKDOWN	STIM FLUID and AMOUNTS	MAX IP AIP #	AIR BPM	POST-STIM FLOW TEST @ FTP	INITIAL RESERVOIR PRESSURE	
								SIBHP (PSIA) M, C or EST	IF C OR EST SITP
Andrikopoulos No. 1	15,554' -64'	No flow	Natural	2,000 gal 7-1/2% Acid w/ 1 MCF N2/bbl	8,200# 6,500#	3.8 BPM	No flow	-	- 6,100 #
	14,986' -15,209'	240 MCFD @ 25#		5,000 gal 7-1/2% Acid w/ 1 MCF N2/bbl	8,150# 7,600# 7,600#	5.2 BPM	1,080 MCFD @ 630#	11,421#	M 9,100#
	15,301' -355'	DST No flow							
Bell Lake 2 St No. 1	15,380' -458'	500 MCFD @ 30#	Spot acid	3,000 gal 7-1/2% Acid	9,000# 8,000#	6 BPM	680 MCFD @ 4,325#	9,335#	M
	15,159' -458'	No test	-	5,000 gal 7-1/2% Acid	10,000# 7,140#	4.5 BPM	1,100 MCFD @ 1,250#	8,996#	M 6,443#
	14,819' -92'	5' Flare 0# 50 MCFD EST	Natural	3,500 gal 7-1/2% Acid	8,600# 8,500#	3.5 BPM	356 MCFD @ 825#	9,745#	C 7,114#
	15,447' -82'	Gas, Mud, H2O		Cement Squeeze					
Bell Lake 11 No. 1	15,210' -20'	No Flow	750 gal spot	2,500 gal 7-1/2% Acid w/ .5 MCF N2/bbl	7,300#	3.1 BPM	No flow set CIBP	-	7,511#
	14,883' -977'	No test	-	3,000 gal 7-1/2% Acid w/ .5 MCF N2/bbl	7,500# 7,100#	3 BPM	1,350 MCFD @ 2,050#	10,391#	M 8,229#
Brinninstool 21 Fed No. 1	15,759' -66'	2,574 MCFD @ 3,900#	20 bbl spot acid		-	-	-	10,734#	M
	15,170' -383'	1,600 MCFD @ 4,900#	Natural		-	-	-	8,500#	EST 6,200#
Diamond # 6" Fed. No. 1	15,234' -556'	2,000 MCFD @ 764#	200 gal	5,000 gal 7-1/2% Acid	7,400# 6,500#	5.9 BPM	5,300 MCFD @ 6,464	9,824#	M
	14,897' -15,017'	No flow	N2 Breakdown	3,500 gal 7-1/2% Acid w/ .50 MCF N2/bbl	6,000# 6,200#	5.3 BPM	1,500 MCFD @ 2,450#	8,500#	EST 5,900#
Diamond # 36" SM No. 1	15,217' -98'	No flow		1,500 gal 7-1/2% Acid 4,000 gal Alcolgel w/ .74 MCF N2/bbl	9,100# 8,200#	10 BPM	760 MCFD @ 320#	8,500#	EST 6,800#
	14,994' -15,028'	No flow	Natural	2,000 gal 7-1/2% Acid w/ 1 MCF N2/bbl	9,200# 8,000#	4 BPM	136 MCFD @ 860#	8,966#	C 7,200#
	14,892' -900'	No flow	Natural						
	14,674' -698'	866 MCFD @ 410#	500 gal spot	1,000 gal 7-1/2% Acid	8,000# 6,995#	4.5 BPM	1,155 MCFD @ 1,250#	7,711#	M -

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Flagler Fed. No. 1	15,529' -75'	Swab H2O Not enough data to make calculations							
Gila *4" Deep Com. No. 1	15,490' -594'	Swab H2O Not enough data to make calculations							
Half 6 Fed No. 1	15,288' -360'	1,700 MCFD @ 1,250#	Natural	2,000 gal 7-1/2% Acid +4,000 gal Alcogel w/ .75 MCF N2/bbl	9,200# 8,800#	11 BPM	1,700 MCFD @ 1,250#	4,574# C	3,279#
				Sand Frac w/ 42 M gal 60 quality CO2/Alco foam w/ 35 M# sand	11,238# 8,807#	18 BPM	6,521 MCFD @ 2,220#		
Javelina Basin Unit No. 1	15,154' -420'	No report	-	5,000 gal 7-1/2% Acid w/ 1 MCF N2/bbl	8,900#	6.3 BPM	1,231 MCFD @ 3,365#	9,014# C	7,094#
	14,594' -604'	No report	-	2,500 gal 7-1/2% Acid	-	-	101 MCFD @ 950#	9,210# C	7,400#
Longway Draw No. 1	15,605' -10'	141 MCFD @ 96#	250 gal	2,000 gal 7-1/2% Acid w/ 2,000 gal CO2	10,000# 9,400#	4 BPM	141 MCFD @ 89#	8,500# EST	6,500#
	15,047' -289'	No flow	Natural	5,000 gal 7-1/2% Acid w/ 29 tons CO2	14,800# 13,005#	5 BPM	504 MCFD @ 455#	9,039# M	
	14,829' -865'	No flow	Natural						
	14,829' -15,289'	-	-	2,000 gal 7-1/2% Acid w/ 1 MCF N2/bbl	7,600#	3 BPM	550 MCFD @ 713 psia BH	9,986# M	7,250#
Ochoa Fed. No. 1	15,898' -908'	285 MCFD @ 500#	40 BBL Methanol/H2O	None				9,311# EST	6,715#
	15,594' -908'	450 MCFD @ 770#	110 BBL Methanol/H2O	None				9,311# EST	
	15,082' -236'	2,400 MCFD @ 5,600#	Natural	None				9,311# EST	6,014#

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Red Hills Unit No. 1	15,442' -530'	No flow	Failed Hole in tubing	None					
	15,034' -138'	No flow	26 bbl Acid	None					
	14,840' -64'	1,360 MCFD @ 420#	48 bbl Acid	Cement squeeze 5,000 gal Acid	-	-	2,300 MCFD @ 600#	7,405#	M 5,794#
Vaca Draw Unit 1	15,291' -322'	30 MCFD @ 0#	240 bbl H2O	365 bbl gelled H2O Myti-Frac	-	-	500 - 1,500 MCFD No psi reported	8,500#	EST
	14,954' -15,330'	400 MCFD @ 60#	No report	6,000 gal Acid	-	-	90 MCFD @ 250#	8,500#	EST
Vaca Draw 13 Fed No. 1	15,493' -546'	No flow	5 bbl spot acid	4,500 gal 7-1/2% Acid w/ .5 MCF N2/bbl	8,000#	3 BPM	No flow		
	15,264' -88'	50 MCFD @ 0#	Natural	4,000 gal 7-1/2% Acid w/ .5 MCF N2/bbl	9,200# 8,200#	5.3 BPM	350 MCFD @ 360#	9,063#	C 7,214#
	15,014' -53'	No flow	H2O	4,000 gal 7-1/2% Acid w/ .5 MCF N2/bbl	9,200# 7,700#	4.9 BPM	850 MCFD @ 3,650#	10,814#	C 8,800#
	15,058' -718'	No measurable flow	750 gal spot	3,500 gal 7-1/2% Acid w/ .5 MCF N2/bbl	8,200# 8,000#	5.8 BPM	No flow		