National® 45-104 Eye-Ease 45-404 20/20 Buff Made in USA

CC 14-27-65
Perf. 1699-1703 on Sept. 9 1988
(note - lower zone already previously perf'd.)

Time (Minutes)	Choke	orifice	Casing Pr.	Tubing Pr.	Orifice Pr.	Flow Rate (MMCF)
	open @ 12:49 pm to			unload	with	
		3/4"				
	Well dead @		1:00 pm.	Prepare to	swab	
	well.					
	open well to tbg to unload w/ 225 psi					
	@ 1:13 pm.		Well dead @ 1:14 pm.			
	Swab well dry w/ flow.					
	ISIP 365psi		4:50 pm			
	open well to flow + draw down pressure					
4 50	pm	15/64" 3/4"	30			522
5 05	pm	12/64 3/4"	340		17.5	360
5 10	pm	12/64 3/4"	315		17	357
5 15	pm	1/2	300		47	320
5 18	pm	1/2	307		55	362
	Final Flow rate 362 MCFGPD					
	Shut well in - FSIP 360 psig					

General Purpose Worksheet

Subject 44-27-65	Page No.	Of
File	By WMT	Date 8-11-88

5:48 finally cleaned up. flowed til 5:54 + SI for SITP
6:11 SITP 390 psig

340 x 0.90 = 351 PSIG (370 = 5% Drawdown)

Time	orifice	choke	PSIG FTP	PSIG Merla	MCFPD Rate
18:15	3/4"	8/64	375	7	211
18:20	"	"	375	7	211
18:25	"	"	375	7	211
18:30	"	"	375	7	211
18:31	3/4	10	370	13.5	≈ 310
18:36	"	"	370	13.5	310
18:41	"	"	370	13	303
18:46	"	"	370	13	303
18:47	3/4	12	365	21.5	≈ 418
18:52	"	12	365	21.5	≈ 418
18:57	"	"	365	21.5	≈ 413
19:00	caught 1st gas sample				
19:04	"	12	365	21.5	≈ 418
19:05	3/4	15	355	36.5	≈ 600
19:07	3/4	16	350	42	662
19:12	3/4	16	345	41.5	≈ 657
19:17	3/4	16	345	41.5	≈ 657
19:22	3/4	16	345	41.5	≈ 657

19:25 2nd gas sample SI well for Final Press.
19:40 390 PSIG Final SITP (15 minute)
Perfs: 1713'-1719' FDC-CNL (shot @ 1711'-1719'; 2' off on CBL)

AR3B-1473-D

National® 45-104 Eye-Ease 45-404 20/20 Buff Made in USA

AFE CC 44-27-65 Aug. 11, 1988
Perf. 1719-13 (6') 1703-1699 (4') 4 holes/ft.

Time (Minutes)	Choke	orifice	Casing Pr.	Tubing Pr.	Orifice Pr.	Flow Rate (MMCF)
	Our loc. @ 8:35 am.					
1)	bring wtr. to 1200'. Perf. gun, collar loc. + sinker bar					
2)	water filled to		1310' @	11:20 am		
3)	Perf. @ 12:59 am		from	1713 - 19	SICP	350 psig
	Struck (running up out of hole				@ 1690'. @ 1:20 pm	
4)	Pulled wireline out of hole - @ 4:10 pm. Left 2 sinker bars, perf gun + collar locators in hole.					