



TICKET NO. 23048300
28-JUN-85
FARMINGTON

FORMATION TESTING SERVICE REPORT

LOCAL LOCATION	WELL NO.	TEST NO.	TESTED INTERVAL	COUNTRY	STATE	LEASE NAME/COMPANY NAME
NORTHERST BLANCO UNIT	213	1	3129.0 - 3233.0	SPAIN	JUEN	BLACKWOOD - NICHOLS COMPANY, LIMITED
12-31N-7W						
SEC. - TWP. - RND.						

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1930	1958.3			
B	INITIAL FIRST FLOW	132	139.8	16.0	15.1	F
C	FINRL FIRST FLOW	323	309.7			
C	INITIAL FIRST CLOSED-IN	323	309.7	30.0	27.3	C
D	FINRL FIRST CLOSED-IN	1610	1620.4			
E	INITIAL SECOND FLOW	329	356.5	30.0	33.0	F
F	FINRL SECOND FLOW	500	450.2			
F	INITIAL SECOND CLOSED-IN	500	490.2	60.0	57.9	C
G	FINRL SECOND CLOSED-IN	1610	1622.8			
H	FINRL HYDROSTATIC	1930	1925.8			

GAUGE NO: 349 DEPTH: 3108.0 BLANKED OFF: NO HOUR OF CLOCK: 24
I# 130
C# 02311
28-4-85
6457#

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2008	2023.6			
B	INITIAL FIRST FLOW	201	202.4	16.0	15.1	F
C	FINRL FIRST FLOW	374	357.8			
C	INITIAL FIRST CLOSED-IN	374	357.8	30.0	27.3	C
D	FINRL FIRST CLOSED-IN	1657	1674.1			
E	INITIAL SECOND FLOW	381	402.4	30.0	33.0	F
F	FINRL SECOND FLOW	534	537.1			
F	INITIAL SECOND CLOSED-IN	534	537.1	60.0	57.9	C
G	FINRL SECOND CLOSED-IN	1670	1673.4			
H	FINRL HYDROSTATIC	2008	1989.3			

GAUGE NO: 283 DEPTH: 3230.0 BLANKED OFF: YES HOUR OF CLOCK: 24
I# 130
C# 02311
28-4-85
6457#

EQUIPMENT & HOLE DATA		TICKET NUMBER: 23048300	
FORMATION TESTED: UPPER FRUITLAND COAL		DATE: 6-24-85 TEST NO: 1	
NET PAY (ft): 24.0		TYPE DST: OPEN HOLE	
ALL DEPTHS MEASURED FROM: KELLY BUSHING		HALLIBURTON CAMP: FARMINGTON	
HOLE OR CASING SIZE (in): 2.875		ELEVATION (ft): 6535.0 G.L. 6547.7 K.B.	
TOTAL DEPTH (ft): 3233.0		TESTER: GENE ROBERTS	
PICKER DEPTHS (ft): 3123, 3129		FINRL SURFACE CHOKER (in): 0.25000 BDL	
BOTTOM HOLE CHOKER (in): 0.750		WITNESS: BILL CLARK	
MUD WEIGHT (lb/gal): 11.70		MUD VISCOSITY (sec): 48	
ESTIMATED HOLE TEMP. (°F): 100		ACTUAL HOLE TEMP. (°F): 110 @ 3229.0 ft	
FLUID PROPERTIES FOR RECOVERED MUD & WATER		SAMPLER DATA	
SOURCE: RESISTIVITY CHLORIDES		Psg AT SURFACE: 1250.0	
2.800 @ 70.0°		cu.ft. OF GAS: 1.150	
2.600 @ 84.0°		cc OF OIL: 1.200	
1.600 @ 73.0°		cc OF MUD: 1900.0	
1.100 @ 73.0°		TOTAL LIQUID cc: 1900.0	
0 @ 73.0°		ppm	
HYDROCARBON PROPERTIES		CUSHION DATA	
OIL GRAVITY (API): 30.0		TYPE: ANNUIT WEIGHT	
GAS GRAVITY: 0.70		MEASURED FROM TESTER VALVE	
GAS GRAVITY (cu.ft. per bbl): 0.70			
RECOVERED: 1050 FEET OF MUD AND GAS CUT WATER AND COAL FINES			
REMARKS:			
NET PAY IS FROM 3197' TO 3221'.			
B.T. #349 WAS STAIR-STEPPING EARLY IN THE FIRST CLOSED IN PRESSURE PERIOD.			
REPORTED SAMPLER PRESSURE SHOULD BE CONSIDERED QUESTIONABLE - APPEARS TO HAVE TRAPPED A PORTION OF THE FINRL CLOSED IN PRESSURE.			

TYPE & SIZE MEASURING DEVICE:					TICKET NO: 23048300
TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
24-85					
20					ON LOCATION-RIG COMING OUT
15					PICKED UP AND MADE UP TOOLS
00					TRIPPED IN HOLE
.125" BH	0				OPENED TOOL WITH A WEAK BIT
					INCREASING BLOW
5					STRONG BLOW TO BOTTOM OF BUCKET
8					STRONG BLOW
12					SOME
14					SOME
16					SOME
18					SOME
19					SOME
20.5					SOME
22					CLOSED TOOL - BLEED OFF GAS TO SURFACE
24 OZ.	.25" HCU	24 OZ.			OPENED TOOL WITH WEAK BLOW
21 OZ.					PRESSURE DECREASING - WEAK BLOW OF GAS
20 OZ.					PRESSURE DROPPING
5 OZ.					SOME
0					SLIGHT BLOW OF GAS
0					
0					CLOSED TOOL
02					OPENED BYPASS
02					OUT OF HOLE WITH TOOLS
43					
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