

STATE 14	1	1	8633.0 - 8710.0	JOHN L. COX
LEASE NAME	WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME
LEGAL LOCATION SEC. - TWP. - RNG.	14 - 12 S - 33 E	FIELD AREA	COUNTY	LEA
				STATE NEW MEXICO

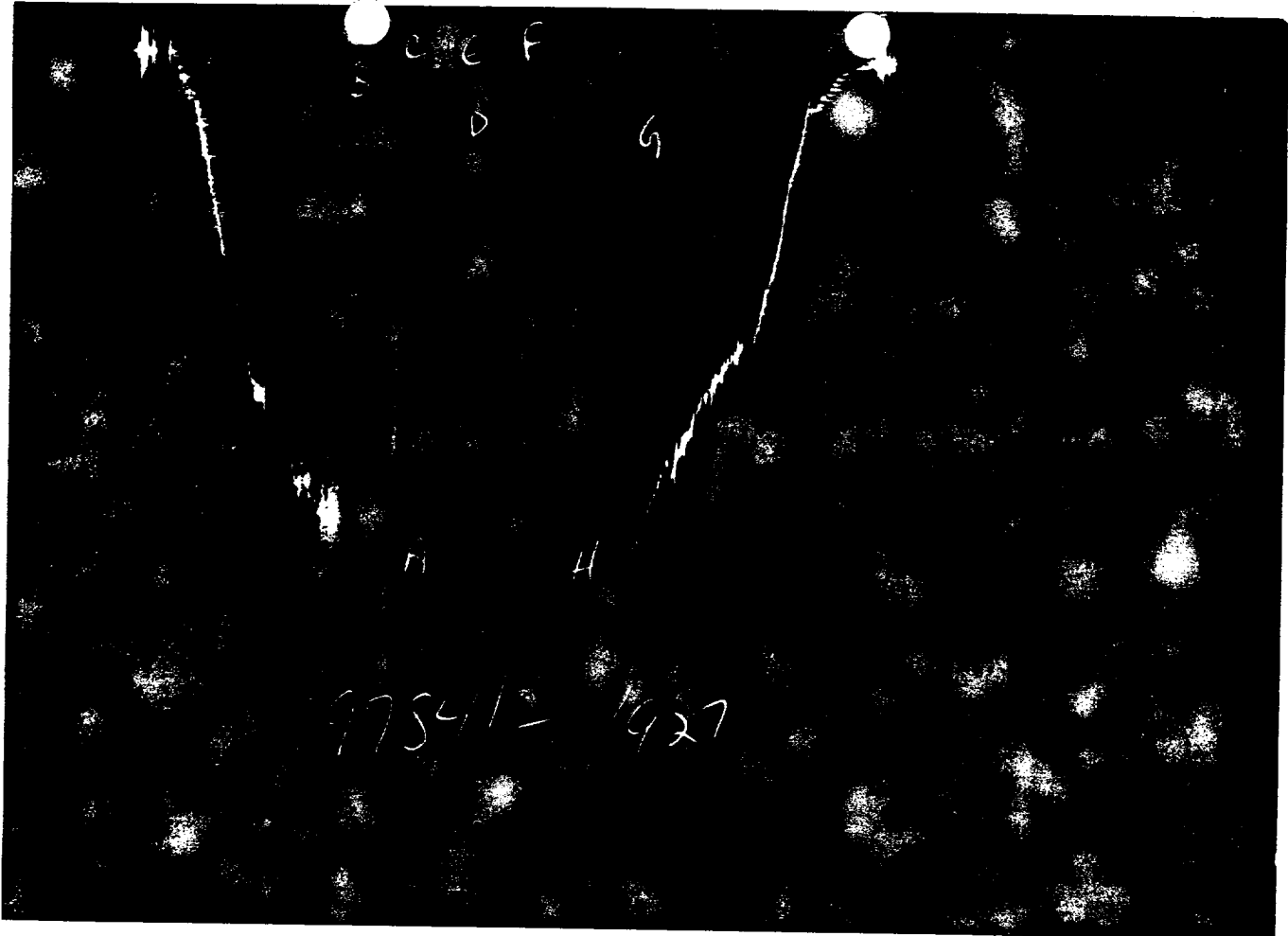
JOHN L. COX

LEASE : STATE 14

WELL NO.: 1

TEST NO.: 1

TICKET NO. 19784100
17-APR-97
HOBBS



GAUGE NO : 1927 DEPTH : 8707.0 BLANKED OFF : YES HOUR OF CLOCK : 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	4139	4146.8			
B	INITIAL FIRST FLOW	146	133.6			
C	FINAL FIRST FLOW	188	133.6	32.0	31.4	F
C	INITIAL FIRST CLOSED-IN	188	133.6			
D	FINAL FIRST CLOSED-IN	419	358.8	61.0	61.8	C
E	INITIAL SECOND FLOW	83	95.3			
F	FINAL SECOND FLOW	146	117.9	61.0	61.0	F
F	INITIAL SECOND CLOSED-IN	146	117.9			
G	FINAL SECOND CLOSED-IN	755	729.7	122.0	121.8	C
H	FINAL HYDROSTATIC	4203	4190.0			

EQUIPMENT & HOLE DATA		TICKET NUMBER: 19784100	
FORMATION TESTED: WOLFCAMP		DATE: 04-14-97 TEST NO: 1	
NET PAY (ft): 20.0		TYPE DST: OPEN HOLE	
GROSS TESTED FOOTAGE: 77.0 PACKER TO T.D.		FIELD CAMP: HOBBS	
ALL DEPTHS MEASURED FROM: S.L.		TESTER: JOSEPH SMITH	
CASING PERFS. (ft):		WITNESS: BILL DOLAN	
HOLE OR CASING SIZE (in): 7.875		DRILLING CONTRACTOR: ZIA DRILLING RIG #7	
ELEVATION (ft): 4244.0			
TOTAL DEPTH (ft): 8710.0			
PACKER DEPTH(S) (ft): 8628, 8633			
FINAL SURFACE CHOKE (in): 0.12500 B. HOSE			
BOTTOM HOLE CHOKE (in): 0.750			
MUD WEIGHT (lb/gal): 9.50			
MUD VISCOSITY (sec): 34			
ESTIMATED HOLE TEMP. (°F): 120			
ACTUAL HOLE TEMP. (°F): 110 @ 8620.0 ft			
FLUID PROPERTIES FOR RECOVERED MUD & WATER		SAMPLER DATA	
SOURCE	RESISTIVITY	CHLORIDES	Psig AT SURFACE: 1200.0 ???
PIT MUD	@ °F	82000 ppm	cu.ft. OF GAS: 7.770
	@ °F	ppm	cc OF OIL:
	@ °F	ppm	cc OF WATER:
	@ °F	ppm	cc OF MUD:
	@ °F	ppm	TOTAL LIQUID cc:
HYDROCARBON PROPERTIES		CUSHION DATA	
OIL GRAVITY (°API): @ °F		TYPE AMOUNT WEIGHT	
GAS/OIL RATIO (cu.ft. per bbl):			
GAS GRAVITY:			
RECOVERED: 180 FT OF GAS CUT MUD			MEASURED FROM TESTER VALVE
REMARKS: THE REPORTED SAMPLER PRESSURE OF 1200 PSI IS NOT VALID. IT APPEARS THE SAMPLER TRAPPED A PORITON OF THE FINAL CLOSED-IN PRESSURE WHEN THE TOOL CLOSED. THE PRESSURE SHOULD BE SOMEWHAT LESS THAN THE FINAL RECORDED DOWN HOLE FLOW PRESSURE.			

[illegible]

TICKET NO : 19784100

CLOCK NO : 7275 HOUR : 24

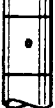
GAUGE NO : 1927

DEPTH : 8707.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta P}{t + \Delta P}$	$\log \frac{t + \Delta P}{\Delta P}$
FIRST FLOW					
B	1	0.0	133.6		
C	2	31.4	133.6	0.0	
FIRST CLOSED-IN					
C	1	0.0	133.6		
	2	5.0	148.3	14.6	4.3 0.858
	3	10.0	164.8	31.1	7.6 0.616
	4	15.0	182.3	48.7	10.2 0.490
	5	20.0	198.4	64.8	12.2 0.409
	6	25.0	216.2	82.6	13.9 0.353
	7	30.0	234.4	100.8	15.3 0.311
	8	35.0	253.8	120.2	16.5 0.278
	9	40.0	272.7	139.0	17.6 0.251
	10	45.0	291.5	157.8	18.5 0.230
	11	50.0	311.3	177.7	19.3 0.211
	12	55.0	331.4	197.8	20.0 0.196
D	13	61.8	358.8	225.2	20.8 0.178
SECOND FLOW					
E	1	0.0	95.3		
	2	5.0	99.5	4.2	
	3	10.0	116.2	16.7	
	4	15.0	117.9	1.7	
	5	20.0	117.9	0.0	
	6	25.0	117.9	0.0	
	7	30.0	117.3	-0.6	
	8	35.0	116.4	-0.8	
	9	40.0	116.4	0.0	
	10	45.0	116.4	0.0	
	11	50.0	116.4	0.0	
	12	55.0	117.1	0.6	
F	13	61.0	117.9	0.8	
SECOND CLOSED-IN					
F	1	0.0	117.9		
	2	10.0	171.4	53.5	9.0 1.011
	3	20.0	223.9	106.0	16.4 0.750
	4	30.0	275.1	157.2	22.6 0.611
	5	40.0	328.0	210.1	27.9 0.520
	6	50.0	378.8	260.9	32.5 0.454
	7	60.0	428.6	310.7	36.4 0.405
	8	70.0	480.1	362.1	39.8 0.366
	9	80.0	529.0	411.1	42.9 0.333
	10	90.0	578.2	460.3	45.6 0.307
	11	100.0	625.9	508.0	48.0 0.284
	12	110.0	671.3	553.4	50.2 0.265

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta P}{t + \Delta P}$	$\log \frac{t + \Delta P}{\Delta P}$
SECOND CLOSED-IN - CONTINUED					
G	13	121.8	729.7	611.8	52.5 0.245

REMARKS :

		O.D.	I.D.	LENGTH	DEPTH
1		4.500	3.825	7852.0	
3		6.250	2.250	648.0	
152		6.000	2.500	1.0	8500.5
3		6.250	2.250	90.0	
5		6.000	2.500	1.0	
52		5.000	0.750	9.0	8600.0
14		5.000	1.180	5.0	
87		5.000	1.180	6.0	8614.0
87		5.000	1.180	6.0	8620.0
15		5.000	2.000	5.0	
16		5.000	2.500	3.0	
70		7.000	1.500	5.0	8628.0
70		7.000	1.500	5.0	8633.0
19		5.750	1.750	5.0	
5		6.000	2.500	1.0	
3		6.250	2.250	38.0	
5		6.000	2.500	1.0	
20		5.750	3.000	25.0	
81		5.750		4.0	8707.0
TOTAL DEPTH					8710.0

EQUIPMENT DATA