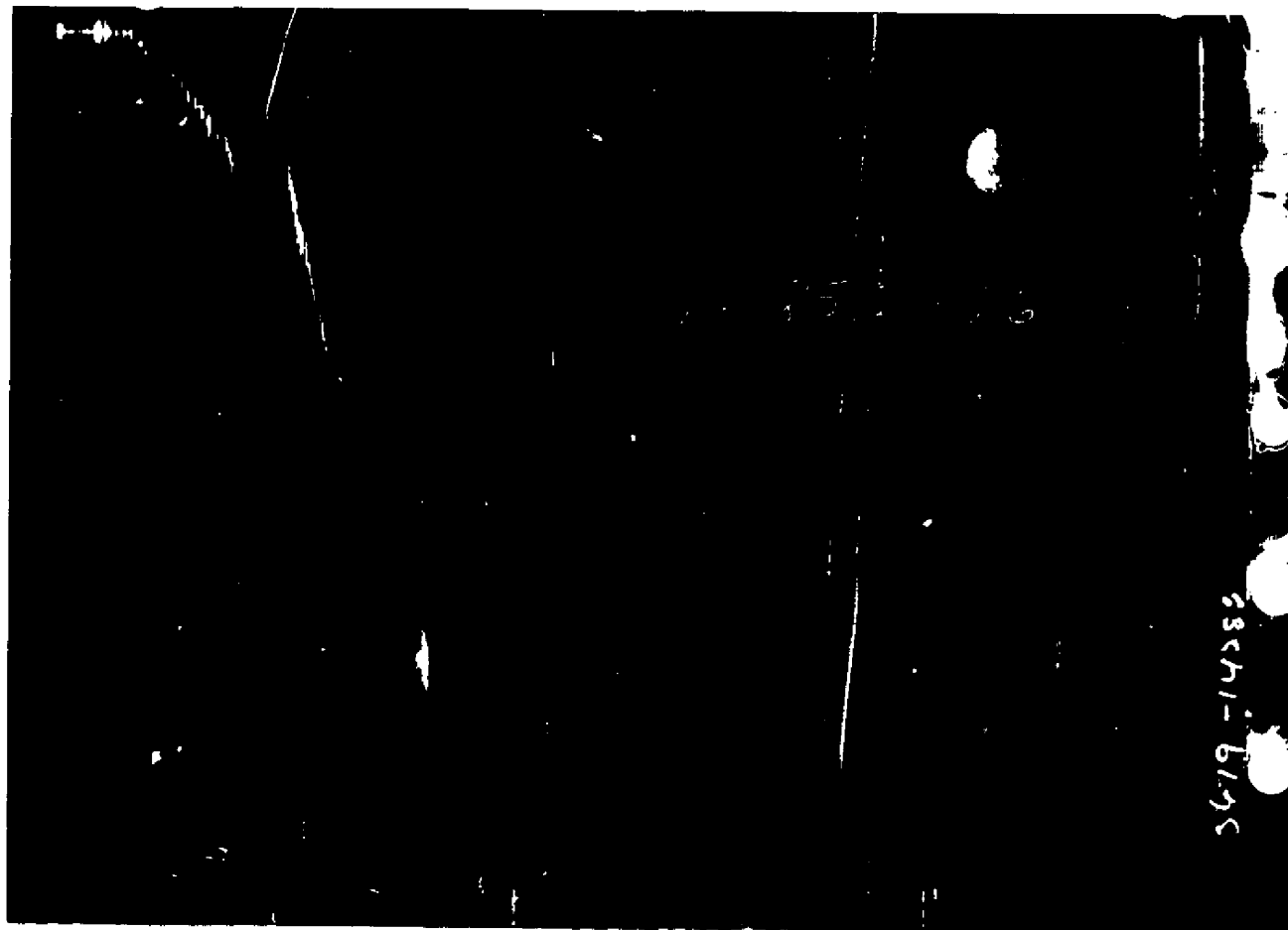
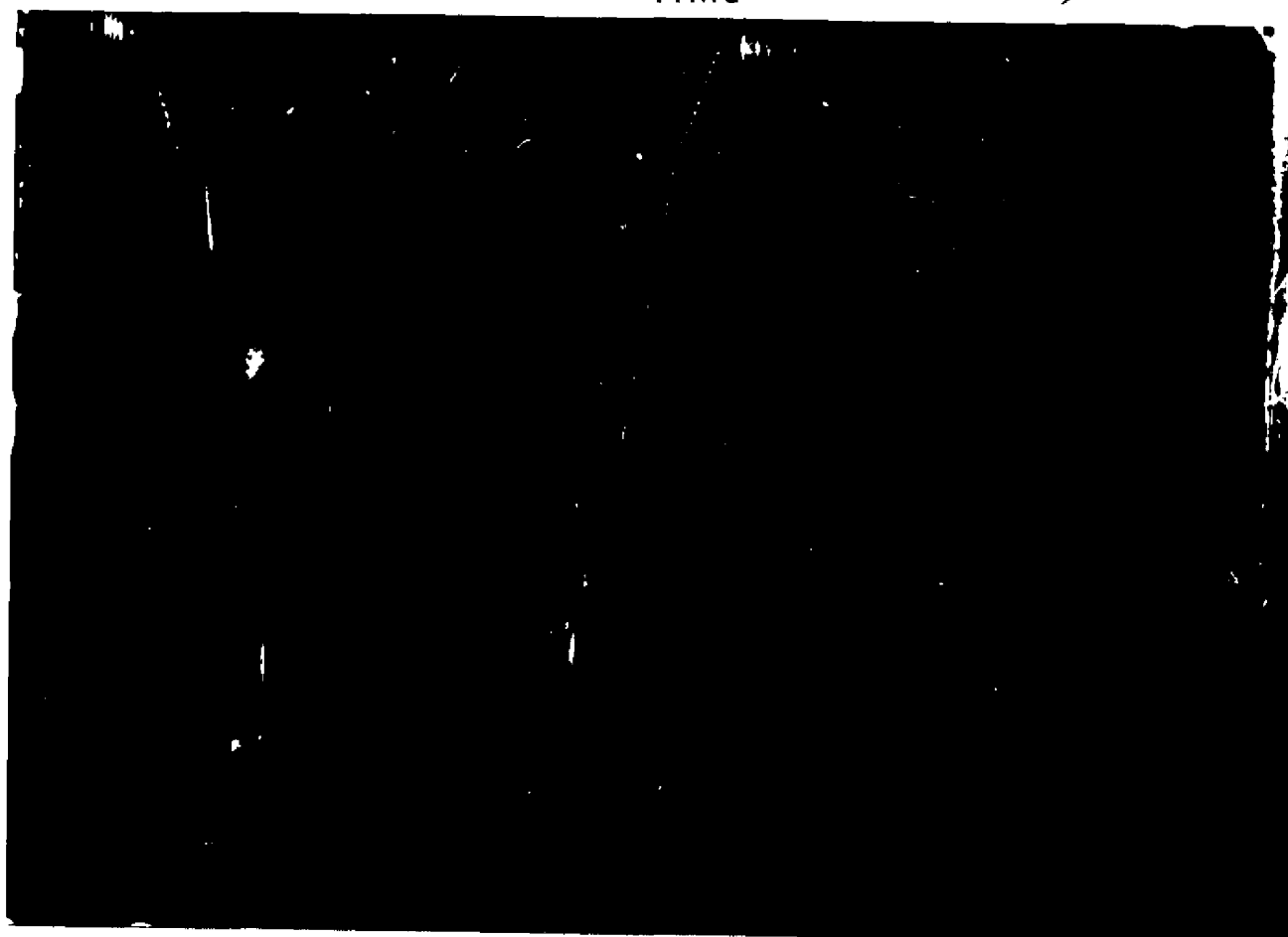


— PRESSURE —
↓



TIME



Each Horizontal Line Equal to 1000 p.s.i.

BIRD FEDERAL	12-1	1	5295' to 5315'	BIRD OIL CORPORATION
Lease Name	Well No.	Test No.	Tested Interval	Lease Owner/Company Name
981852	FARMINGTON		12-19-81	5679 5678
Ticket Number	Camp		Date	Gauge Number(s)

9



TICKET NO. 981852 DATE 12-19-81 HALLIBURTON CAMP FARMINGTON

LEASE OWNER BIRD OIL CORPORATION DR bj

LEASE NAME BIRD FEDERAL WELL NO. 12-1 TEST NO. 1

LEGAL LOCATION 12 19W 5W FORMATION TESTED ENTRADA

FIELD AREA WILDCAT COUNTY MC KINLEY STATE NEW MEXICO

TYPE OF D.S.T. OPEN HOLE

TESTER(S) H. BELL

WITNESS KEN FOLKS DRILLING CONTRACTOR BAYLESS #5

DEPTHS MEASURED FROM KELLY BUSHING CASING PERFS (FT.) _____

TYPE AND SIZE OF GAS MEASURING DEVICE .75" CHOKE

CUSHION DATA

TYPE _____ AMOUNT _____ WEIGHT (lb./gal.) _____

TYPE _____ AMOUNT _____ WEIGHT (lb./gal.) _____

RECOVERY (ft. or bbl.):

2450 feet of water cut mud....

FLUID PROPERTIES

SOURCE	RESISTIVITY	CHLORIDES (PPM)	SOURCE	RESISTIVITY	CHLORIDES (PPM)
PIT	.312 @ 54 °F			@ °F	
TOP	.650 @ 54 °F			@ °F	
SAMPLER	.460 @ 54 °F			@ °F	

REMARKS:

....SEE PRODUCTION TEST DATA SHEET....

TICKET NO. 981852 DATE 12-19-81 ELEVATION (FT.) 6573
 TOP OF TESTED INTERVAL (ft.) 5295 BOTTOM OF TESTED INTERVAL (ft.) 5315
 NET PAY (ft.) _____ TOTAL DEPTH (ft.) 5315
 HOLE OR CASING SIZE (in.) 7.875" MUD WEIGHT (lb./gal.) 8.8 VISCOSITY (sec.) 43
 SURFACE CHOKE (in.) .75" BOTTOM CHOKE (in.) .75"
 OIL GRAVITY _____ @ _____ °F GAS GRAVITY—ESTIMATED _____ ACTUAL _____

SAMPLER DATA

PRESSURE (P.S.I.) _____ CUBIC FT. OF GAS _____

C.C.'s OF OIL _____ C.C.'s OF WATER _____

C.C.'s OF MUD _____ TOTAL LIQUID C.C.'s _____

GAS/OIL RATIO (cu. ft. per bbl.)

FROM SAMPLER _____ OTHER _____

TEMPERATURE (°F)

ESTIMATE _____

ACTUAL 160

DEPTH (ft.) 5315

H.T.-500 ☐; THERMOMETER ☒;
 T.E. OR R.T.-7 ☐; OTHER ☐

SERIAL NO. _____

RECORDER AND PRESSURE DATA

CHARTS READ BY H. BELL DATA APPROVED BY L. A. WILLINGER

RECORDERS	GAUGE NUMBER	5679	5678			TIMES (00:00-24:00 HRS.)	
	GAUGE TYPE	1	2			TOOL OPENED	0912
	GAUGE DEPTH (ft.)	5283	5311			DATE	12-19-81
	CLOCK NUMBER	14283	7276			BYPASS OPENED	1305
	CLOCK RANGE (HR.)	12	24			DATE	12-19-81
PRESSURES	INITIAL HYDROSTATIC	2486.6	2491.8			PERIOD	MINUTES
	INITIAL FLOW	833.1-Q	1031.3-Q			XXX	XXX
	1st. FINAL FLOW	1710.9	1725.2			1st. FLOW	15.8
	CLOSED-IN	1883.2	1895.5			1st. C.I.P.	27.0
	INITIAL FLOW	1718.3	1729.2			XXX	XXX
	2nd. FINAL FLOW	1890.5	1901.1			2nd. FLOW	59.7
	CLOSED-IN	1887.4	1898.5			2nd. C.I.P.	124.5
	INITIAL FLOW					XXX	XXX
	3rd. FINAL FLOW					3rd. FLOW	
	CLOSED-IN					3rd. C.I.P.	
S	FINAL HYDROSTATIC	2482.4	2452.6			XXX	XXX

Q = Questionable

BIRD OIL CORPORATION
Lease Owner/Company Name

981852
Ticket Number

B.T. 5679

B.T. 5678

B.T. _____

Depth 5283

Depth 5311

Depth _____

Time (minutes)	Log $\frac{t + H}{t}$	PSIG Temp. Corr.	Time (minutes)	Log $\frac{t + H}{t}$	PSIG Temp. Corr.	Time (minutes)	Log $\frac{t + H}{t}$	PSIG Temp. Corr.
FLOW PERIOD #1			FLOW PERIOD #1					
0	Q	833.1	0	Q	1031.3			
3		1075.2	3		1230.0			
6		1282.8	6		1401.7			
9		1470.0	9		1533.4			
12		1589.9	12		1633.4			
15.8		1710.9	15.8		1725.2			
CLOSED IN PERIOD #1			CLOSED IN PERIOD #1					
0		1710.9	0		1725.2			
1		1869.9	1		1885.5			
2		1874.4	2		1886.8			
3		1876.0	3		1887.7			
4		1877.1	4		1888.8			
5		1878.0	5		1889.9			
6		1878.8	6		1890.3			
7		1879.5	7		1890.3			
8		1879.5	8		1890.3			
9		1879.5	9		1891.0			
10		1881.4	10		1893.4			
15		1881.5	15		1893.4			
20		1883.3	20		1895.1			
25		1883.3	25		1895.0			
27.0		1883.2	27.0		1895.5			
SECOND FLOW #2			SECOND FLOW PERIOD #2					
0		1718.3	0		1729.2			
10		1827.1	10		1846.7			
20		1869.2	20		1884.9			
30		1879.9	30		1890.9			
40		1883.1	40		1893.3			
50		1884.6	50		1899.0			
59.7		1890.5	59.7		1901.1			
SECOND CLOSED IN PERIOD			SECOND CLOSED IN PERIOD					
0		1890.5	0		1901.1			
124.5		1887.4	124.5		1898.5			

Remarks: _____

TICKET NO. 981852

Tool Description	O.D.	I.D.	Length	Depth
DRILL PIPE	4.00"	??	4712'	
DRILL COLLARS	6.50"	??	490'	5202'
CIRCULATING SUB	6.00"	3.00"	1'	
DRILL COLLAR	6.50"		67'	
X OVER	5.00"	3.00"	1'	
SAMPLER	5.03"	.87"	7'	
HYDROSPRING	5.00"	.75"	5'	5278'
AP CASE	5.00"	2.25"	4'	5283'
JARS	5.03"	1.75"	5'	
V. R. SAFETY JOINT	5.00"	1.00"	3'	
PACKER	7.00"	1.53"	6'	
ANCHOR	5.75"	3.00"	10'	
BT CASE	5.75"	2.44"	4'	5311'
TOTAL DEPTH				5315'