

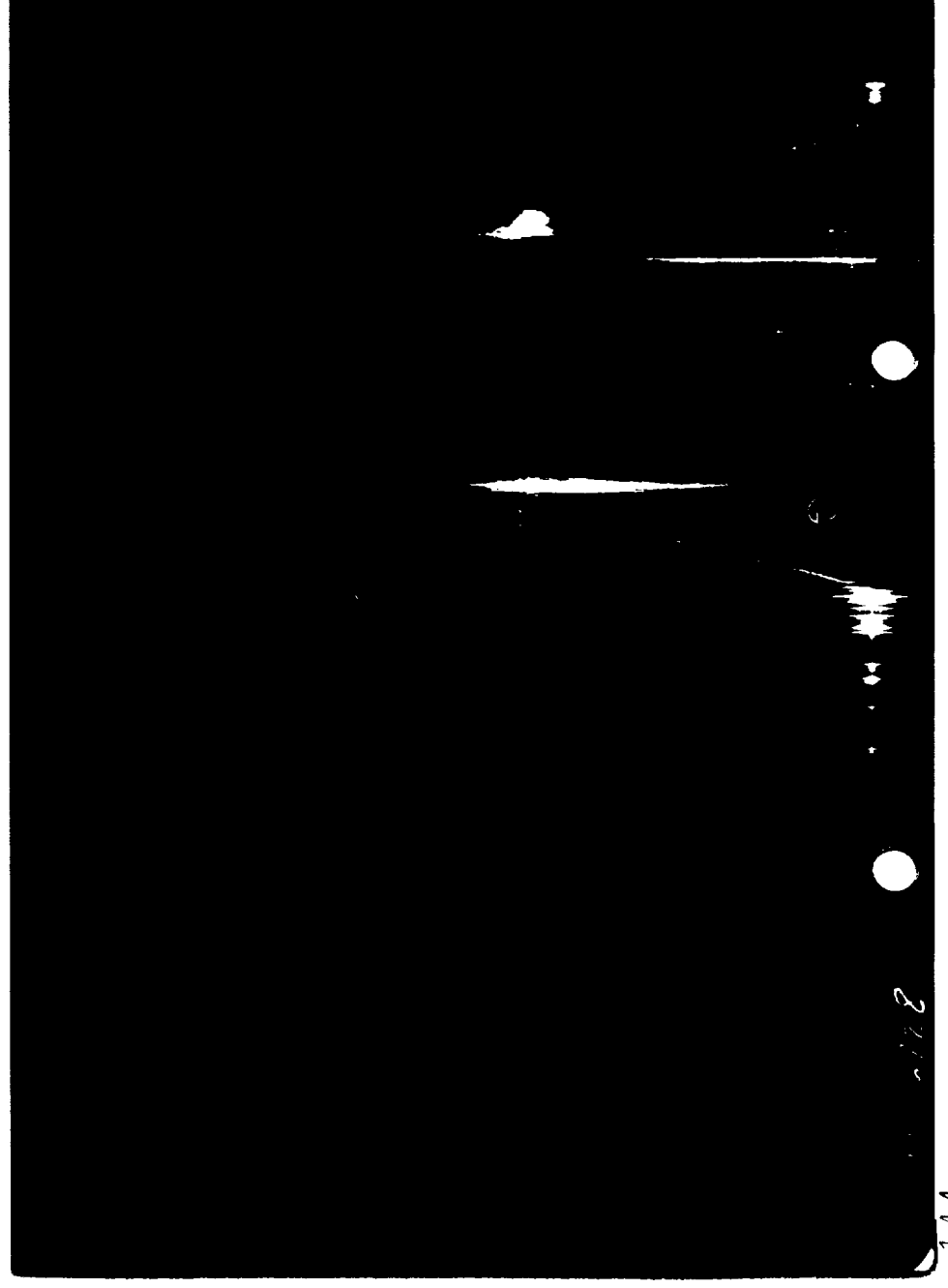
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JUL 11 1986
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ARTESIA OFFICE



TICKET NO. 39258200
07-JUL-86
ARTESIA

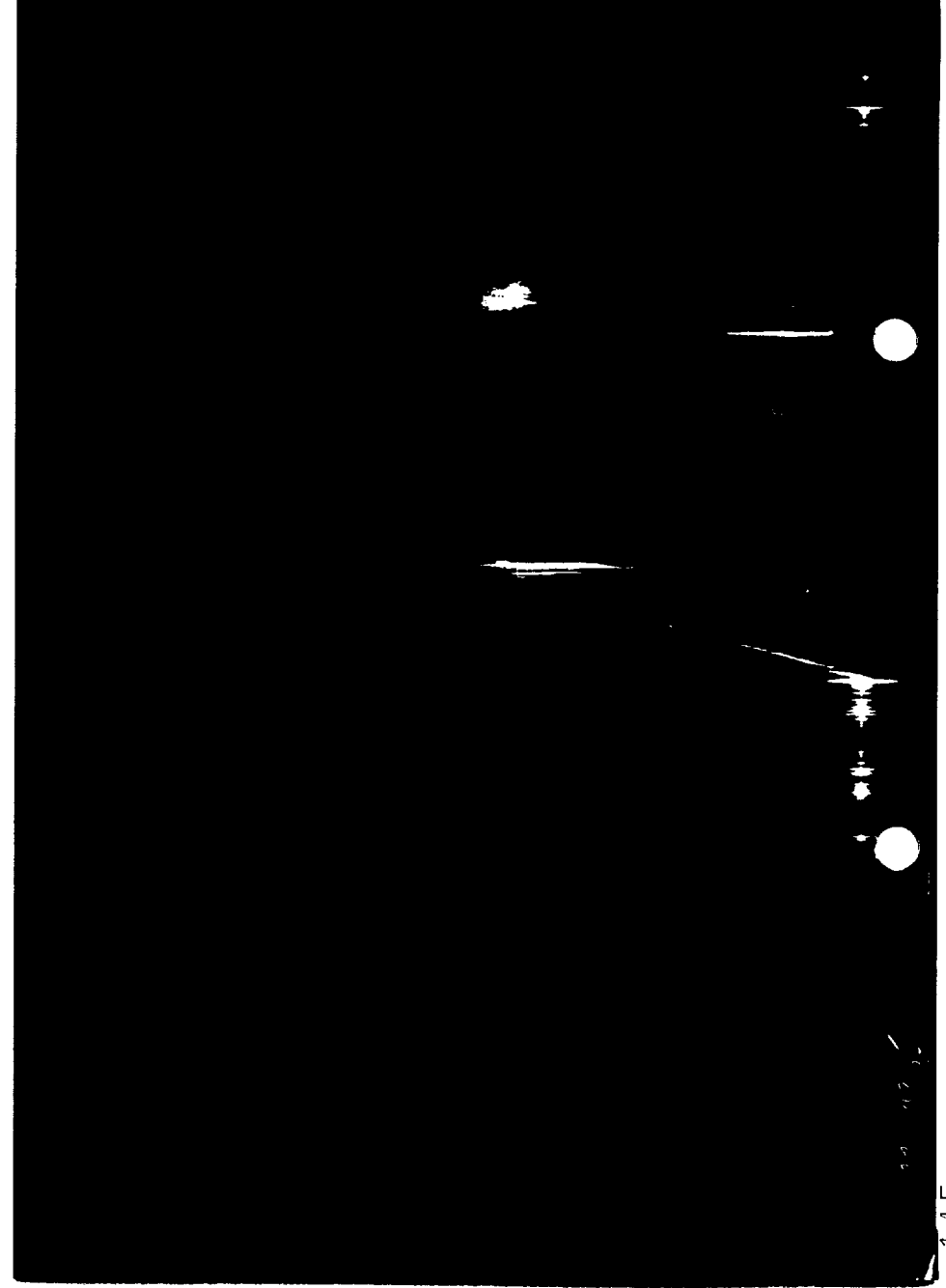
FORMATION TESTING SERVICE REPORT

LEASE NAME: HBM TEST NO. 1 WELL NO. 122-153-25F 6000.0 - 6095.0
LEASE OWNER/COMPANY NAME: HBRNSON OIL COMPANY
STATE: NEW MEXICO DR



ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	3123	3106.7			
B	INITIAL FIRST FLOW	194	193.6	30.0	30.0	F
C	FINRL FIRST FLOW	194	193.6			
C	INITIAL FIRST CLOSED-IN	194	193.6	60.0	60.0	C
D	FINRL FIRST CLOSED-IN	473	461.9			
E	INITIAL SECOND FLOW	194	203.5	60.0	60.0	F
F	FINRL SECOND FLOW	194	199.0			
F	INITIAL SECOND CLOSED-IN	194	199.0	120.0	120.0	C
G	FINRL SECOND CLOSED-IN	430	443.6			
H	FINRL HYDROSTATIC	3080	3020.4			

GRUGE NO: 991 DEPTH: 5977.0 BLANKED OFF: NO HOUR OF CLOCK: 24



ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	3157	3158.0			
B	INITIAL FIRST FLOW	368	576.4	30.0	30.0	F
C	FINRL FIRST FLOW	368	361.8			
C	INITIAL FIRST CLOSED-IN	368	361.8	60.0	60.0	C
D	FINRL FIRST CLOSED-IN	520	512.3			
E	INITIAL SECOND FLOW	368	291.7	60.0	60.0	F
F	FINRL SECOND FLOW	368	249.7			
F	INITIAL SECOND CLOSED-IN	368	249.7	120.0	120.0	C
G	FINRL SECOND CLOSED-IN	476	492.2			
H	FINRL HYDROSTATIC	3070	2965.1			

GRUGE NO: 693 DEPTH: 6082.0 BLANKED OFF: YES HOUR OF CLOCK: 24

EQUIPMENT & HOLE DATA		TICKET NUMBER: 39258200
FORMATION TESTED: MOLECOMP		DATE: 7-1-86 TEST NO: 4
NET PAY (ft): 8.0		TYPE DST: OPEN HOLE
GROSS TESTED FOOTAGE: 85.0		HALLIBURTON CAMP:
CASING PERFS. (ft):		ARTESIA
HOLE OR CASING SIZE (in): 7.875		TESTER: STAN MCKEE
ELEVATION (ft): 3450.0 61--3472.5 KB		WITNESSES: DAVID SWEENEY
TOTAL DEPTH (ft): 6085.0		DRILLING CONTRACTOR: GREGG DRILLING
PACKER DEPTH(S) (ft): 5894.6000		
FINRL SURFACE CHOKE (in):		
BOTTOM HOLE CHOKE (in): 0.750		
MUD WEIGHT (lb/gal): 9.80		
MUD VISCOSITY (sec): 43		
ESTIMATED HOLE TEMP. (°F):		
ACTUAL HOLE TEMP. (°F): 123 @ 6082.0 ft		
FLUID PROPERTIES FOR RECOVERED MUD & WATER SOURCE		SAMPLER DATA
RESISTIVITY CHLORIDES		Psg AT SURFACE: 120.0
cc OF OIL: ppg		cu.ft. OF GAS: 0.623
cc OF WATER: ppg		
cc OF MUD: 1500.0		
TOTAL LIQUID cc: 1500.0		
HYDROCARBON PROPERTIES		CUSHION DATA
OIL GRAVITY (°API): ° of		TYPE AMOUNT WEIGHT
GAS/OIL RATIO (cu.ft. per bbl): ° of		
GAS GRAVITY: ° of		
RECOVERED: 518' OF DRILLING FLUID		MEASURED FROM TESTER VALVE
REMARKS:		
HIT BRIDGE AT 5892', WORKED THROUGH BRIDGE TO BOTTOM. SLID 10' WHEN TOOL OPENED--JARRED OFF BOTTOM--NO GAS TO SURFACE		
CHARTS INDICATE ANCHOR PERFORATIONS PLUGGING DURING THE INITIAL FLOW PERIOD.		
FINRL HYDROSTATIC READINGS MAY BE QUESTIONABLE		

TIME	CHUCK SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
7-1-86					
0700					DN LOCATION
0800					PICKED UP TOOLS
0915					STARTED IN HOLE
1130					TAGGED BRIDGE AT 5892', WORKED THROUGH
1215					OPENED TOOL WITH R FAIR BLOW
1230					6" IN BUCKET, LOST 40' OF
1240					BRCKSIDE SLID 10' TO BOTTOM
1250					FAIR BLOW 8" IN BUCKET
1255					DECREASED 6" IN BUCKET--NO GAS TO SURFACE
1250					SAME
1235					DECREASED 5" IN BUCKET
1240					DECREASED 4" IN BUCKET
1245					CLOSED TOOL WITH R WERK BLOW
1345					OPENED TOOL WITH R WERK BLOW
1400					1 1/2" IN BUCKET
1415					3" IN BUCKET, NO GAS TO SURFACE
1430					DECREASED TO 1" IN BUCKET
1445					CLOSED TOOL--1/2" IN BUCKET
1645					OPENED BYPASS--JARRED OFF BOTTOM

	0.0.	1.0.	LENGTH	DEPTH
1	DRILL PIPE.....	4.500	3.825	5899.0
3	DRILL COLLARS.....	6.250	2.250	481.0
3	IMPACT REVERSING SUB.....	6.250	2.500	1.0
50	DRILL COLLARS.....	6.250	2.250	5869.0
3	CROSSOVER.....	6.250	2.500	93.0
13	DUAL CIP SAMPLER.....	6.250	2.500	1.0
60	HYDROSPRING TESTER.....	5.000	0.870	7.0
80	AP RUNNING CASE.....	5.000	0.750	5975.0
15	JPR.....	5.000	2.250	5977.0
16	VR SAFETY JOINT.....	5.000	1.750	5.0
70	OPEN HOLE PROCKER.....	7.000	1.000	3.0
70	OPEN HOLE PROCKER.....	7.000	1.550	6.0
70	OPEN HOLE PROCKER.....	7.000	1.550	5994.0
70	OPEN HOLE PROCKER.....	7.000	1.550	6.0
19	ANCHOR PIPE SAFETY JOINT.....	5.750	1.500	5.0
5	CROSSOVER.....	6.250	2.500	1.0
3	DRILL COLLARS.....	6.250	2.250	60.0
5	CROSSOVER.....	6.250	2.500	1.0
20	FLUSH JOINT ANCHOR.....	5.750	2.870	12.0
81	BLANKED-OFF RUNNING CASE.....	5.750		4.0
TOTAL DEPTH				6085.0

EQUIPMENT DATA