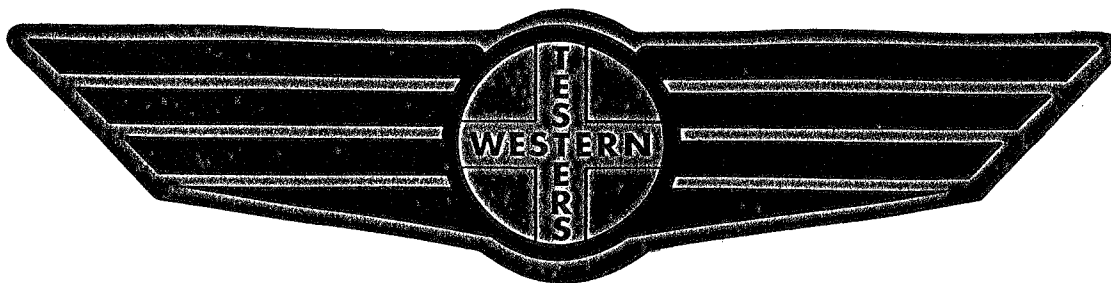


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

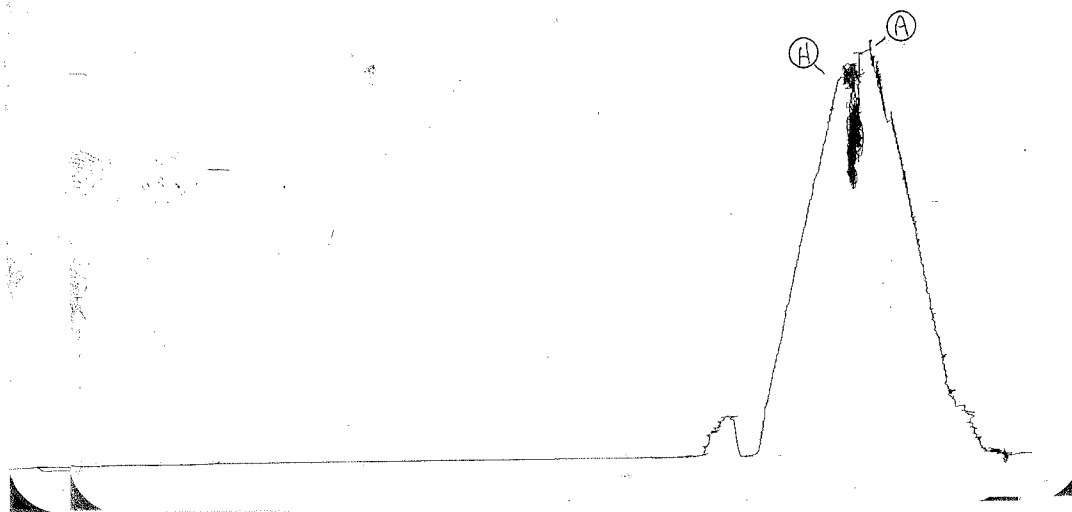
COMPANY SINCLAIR OIL CORPORATION LEASE & WELL NO. HADSON-NEEDSOME SEC. 28 TWP. 23 SRGE. 43 TEST NO. 1 DATE 9/22/91
FARMS #9-28

TKT 18145

#3849 DST#

I

6



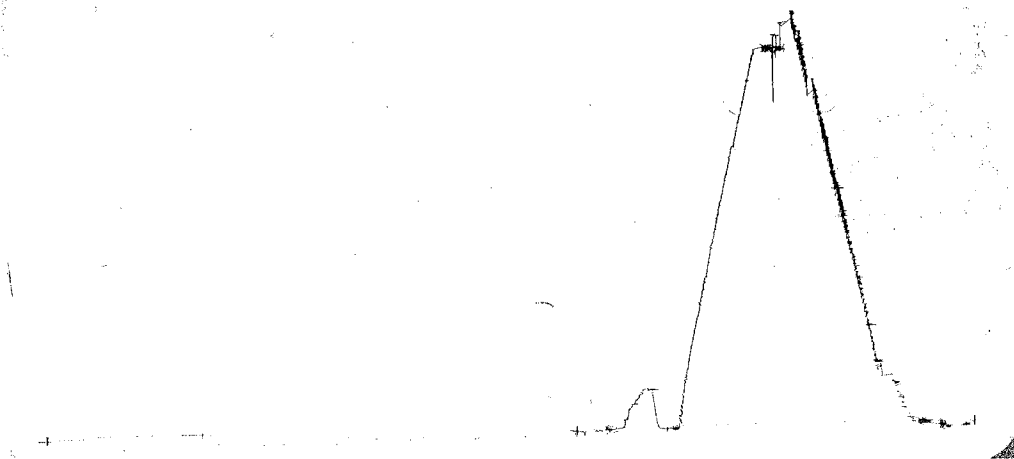
Inside Recorder

TKT 18145

2604 DST#1

Q

6



Outside Recorder

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	9/22/91	TICKET	:	18145	
CUSTOMER	:	SINCLAIR OIL CORPORATION	LEASE	:	HADSON-NEEDSOME FARM	
WELL	:	9-28	TEST:	:	1	
ELEVATION	:	3356 GL	GEOLOGIST	:	?	
SECTION	:	28	FORMATION	:	CHEROKEE	
RANGE	:	43W	TOWNSHIP	:	23S	
GAUGE SN#	:	3849	STATE	:	KANSAS	
		COUNTY :	HAMILTON	CLOCK	:	12
		RANGE :	4200			

INTERVAL FROM	:	4370	TO	:	4430	TOTAL DEPTH	:	5090
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4365	SIZE	:	6.63			
PACKER DEPTH	:	4370	SIZE	:	6.63			
PACKER DEPTH	:	4430	SIZE	:	6.63			
PACKER DEPTH	:	4435	SIZE	:	6.63			

DRILLING CON.	:	MURFIN RIG 22			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	56
WEIGHT	:	8.9	WATER LOSS (CC)	:	10
CHLORIDES (PPM)	:	16000			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	407
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	595	FT	I.D. inch	:	2.25
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3743	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	32	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	60	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5XH

BLOW COMMENT #1 :
BLOW COMMENT #2 :
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 0 FT OF:

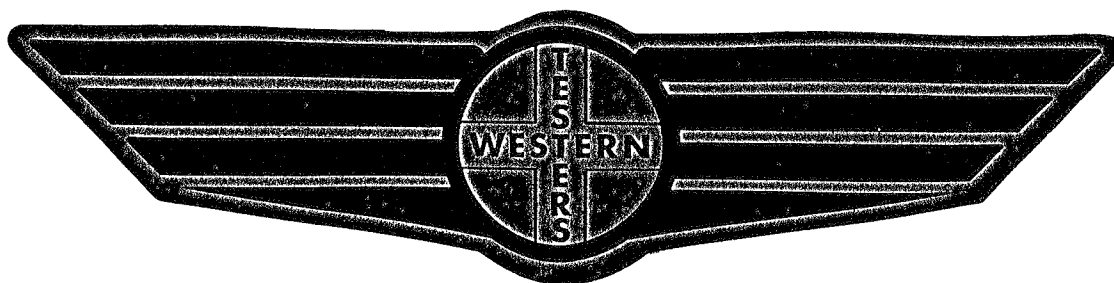
Total Barrels Fluid = 0.00
Total Fluid Prod Rate = 0.00 BFPD

REMARK 1 : MISRUN-PACKER FAILURE
REMARK 2 : TAILPIPE-645' OF 4.5;15' OF 5.5 TOTAL 660 FT.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 11:15 AM
WELL TEMPERATURE : 0
INITIAL HYDROSTATIC PRESSURE (A) 2256
INITIAL FLOW PERIOD MIN: 0 (B) 0 PSI TO (C) : 0
INITIAL CLOSED IN PERIOD MIN: 0 (D) 0
FINAL FLOW PERIOD MIN: 0 (E) 0 PSI TO (F) : 0
FINAL CLOSED IN PERIOD MIN: 0 (G) 0
FINAL HYDROSTATIC PRESSURE (H) 2135

TIME STARTED OFF BOTTOM : 11:30 AM

FORMATION TEST REPORT



Home Office:

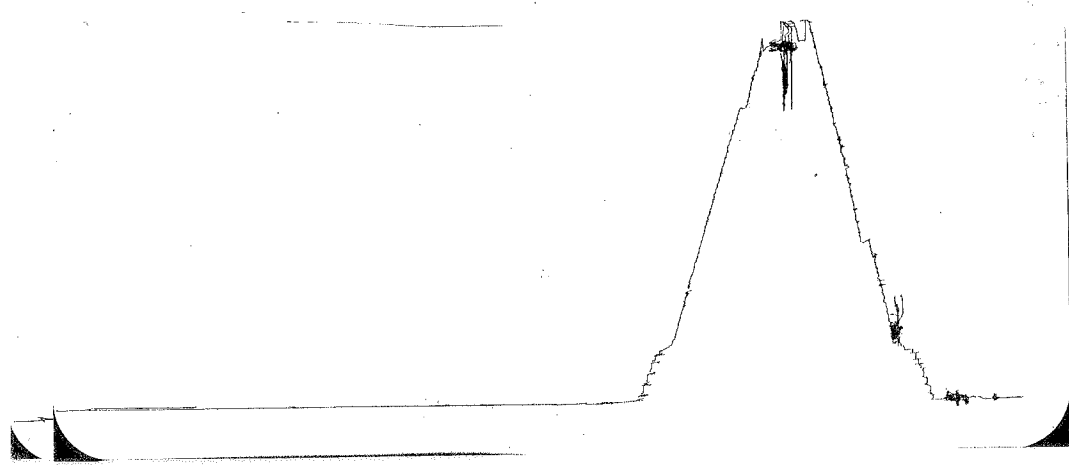
Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

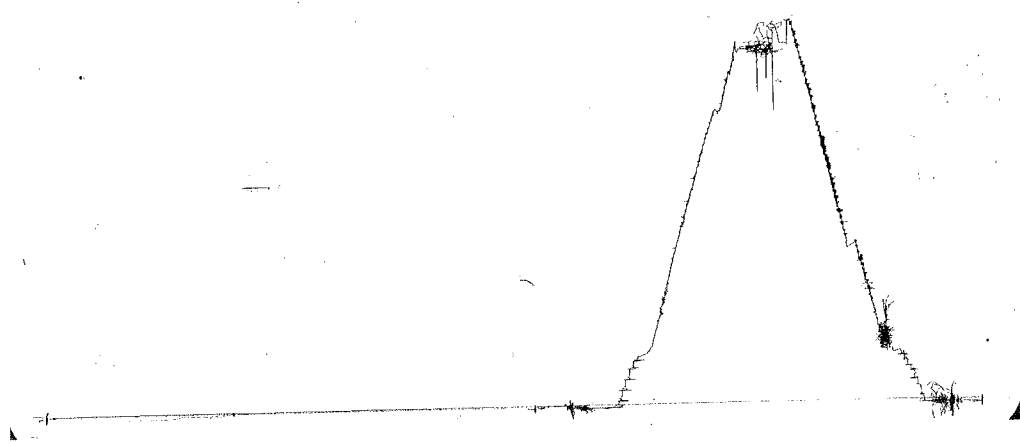
COMPANY SINCCLAIR OIL CORPORATION LEASE & WELL NO. HADSON-NEEDSOME SEC. 28 TWP. 23S RGE. 43W TEST NO. 2 DATE 9/22/91
FARMS #9-28

TKT 18146 3849 DST 2
I 6



Inside Recorder

TKT 18146 2604 DST 2
O 6



Outside Recorder

RECOVERED : 0 FT OF:

Total Barrels Fluid = 0.00
Total Fluid Prod Rate = 0.00 BFPD

REMARK 1 : MISRUN-PACKER FAILURE
REMARK 2 : TAILPIPE- 958 FT OF 4.5; 16 FT OF 5.5
REMARK 3 : TOTAL 974 FT.
REMARK 4 :

SET PACKER(S) : 5:00 PM

TIME STARTED OFF BOTTOM : 5:20 PM

WELL TEMPERATURE : 0

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 0 (A) 0

INITIAL CLOSED IN PERIOD MIN: 0 (B) 0 PSI TO (C) : 0

FINAL FLOW PERIOD MIN: 0 (D) 0

FINAL CLOSED IN PERIOD MIN: 0 (E) 0 PSI TO (F) : 0

FINAL HYDROSTATIC PRESSURE (G) 0

(H) 0

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	9/22/91	TICKET	:	18146
CUSTOMER	:	SINCLAIR OIL CORPORATION	LEASE	:	HADSON-NEEDSOME
WELL	:	9-28	TEST:	:	2
ELEVATION	:	3356 GL	GEOLOGIST	:	? FARM
SECTION	:	28	FORMATION	:	MARMATON
RANGE	:	43W	TOWNSHIP	:	23S
GAUGE SN#	:	3849	STATE	:	KANSAS
		COUNTY :	CLOCK	:	12
		RANGE :			
		4200			

INTERVAL FROM : 4080 TO : 4116 TOTAL DEPTH : 5090
DEPTH OF SELECTIVE ZONE :

PACKER DEPTH	:	4075	SIZE	:	6.63
PACKER DEPTH	:	4080	SIZE	:	6.63
PACKER DEPTH	:	4116	SIZE	:	6.63
PACKER DEPTH	:	4121	SIZE	:	6.63

DRILLING CON.	:	MURFIN RIG 22			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	56
WEIGHT	:	8.9	WATER LOSS (CC)	:	10
CHLORIDES (PPM)	:	16000			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	407
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

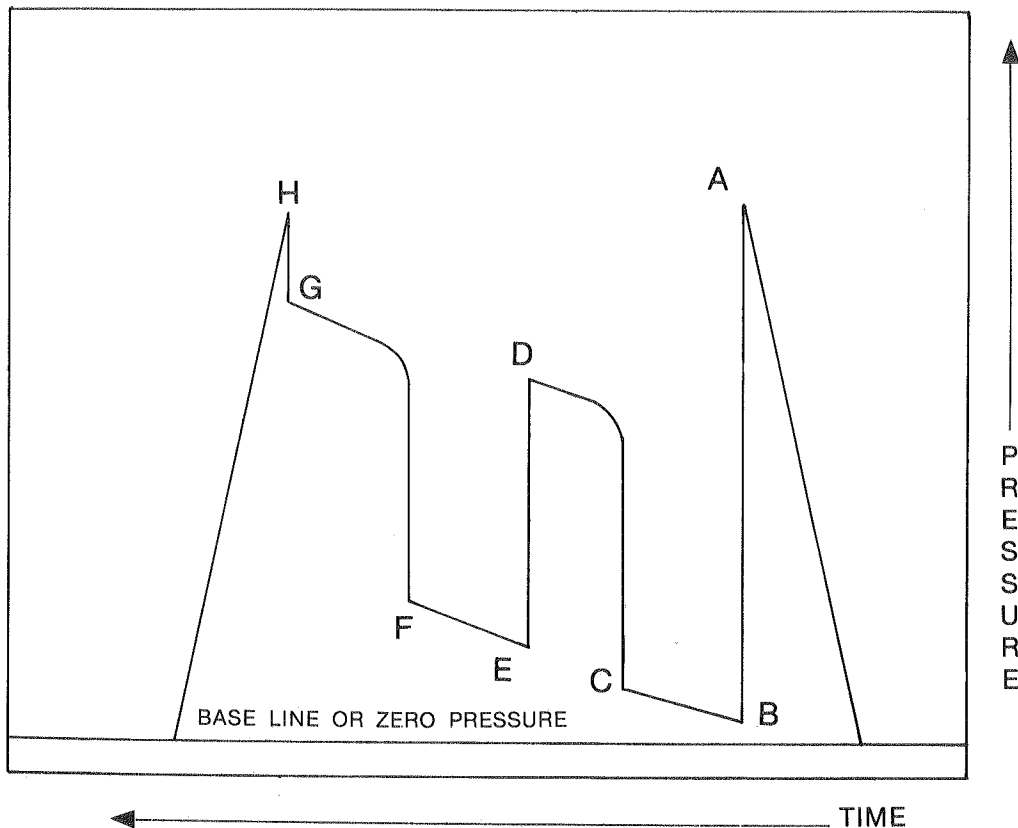
DRILL COLLAR LENGTH	:	595	FT	I.D. inch	:	2.25
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3453	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	32	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	36	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5XH

BLOW COMMENT #1 :
BLOW COMMENT #2 :
BLOW COMMENT #3 :
BLOW COMMENT #4 :

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

AK-1 Recorders



A - Initial Hydrostatic

B - First Initial Flow

C - First Final Flow

D - Initial Shut-In

E - Second Initial Flow

F - Second Final Flow

G - Final Shut-In

H - Final Hydrostatic