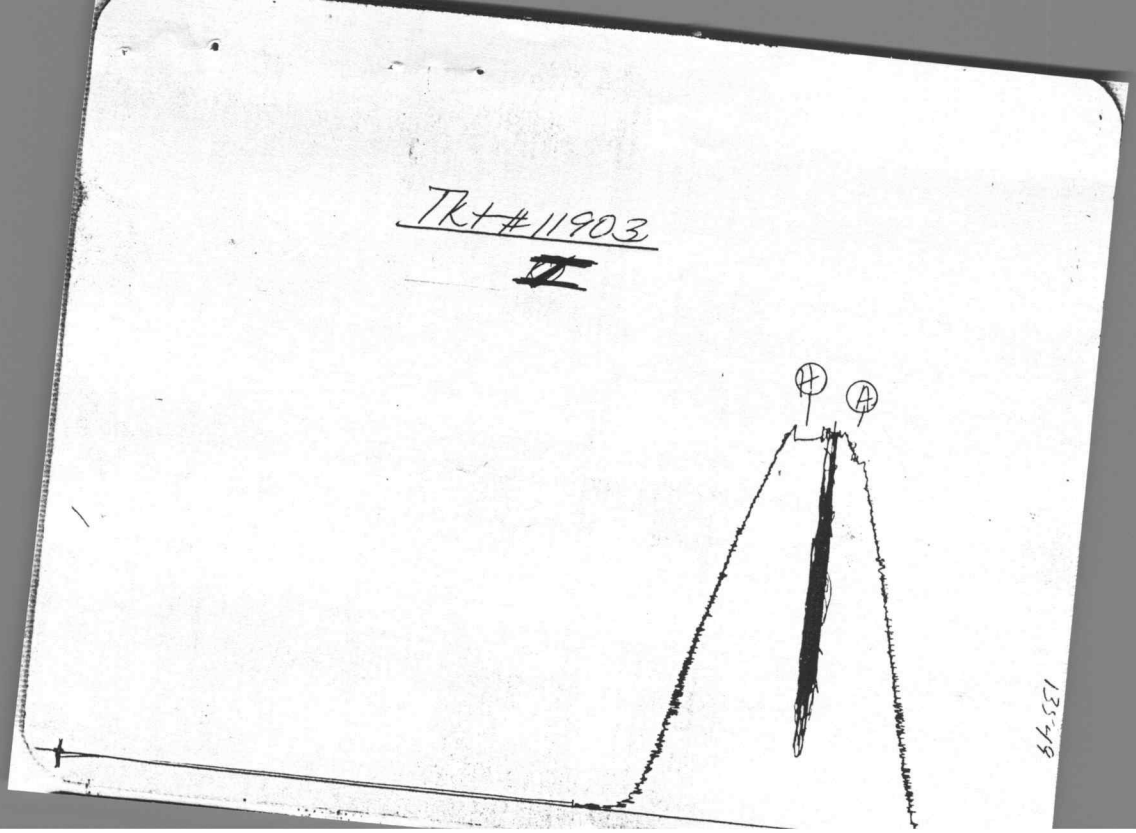
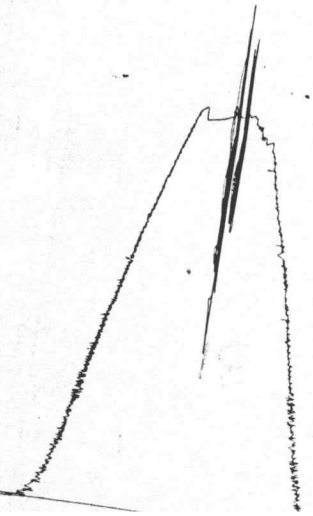
Tkt#11903



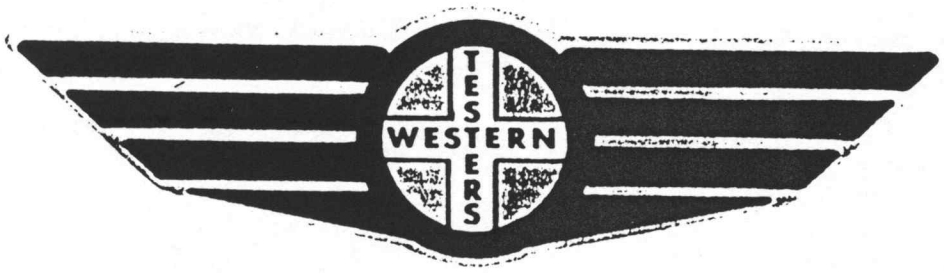
84.121

TKt#11903
0.



1353

FORMATION TEST REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

COMPANY EDMISTON OIL COMPANY, INC. LEASE & WELL NO. HARTSHORN #1 SEC. 36 TWP. 29S RGE. 9W TEST NO. 1 DATE 12/11/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 12-11-87			TICKET	: 11903
CUSTOMER	: EDMISTON OIL CO. INC.			LEASE	: HARTSHORN
WELL	: #1 TEST: 1			GEOLOGIST	: L. POULSEN
ELEVATION	: 1639 GL			FORMATION	: MISSISSIPPI
SECTION	: 36			TOWNSHIP	: 29S
RANGE	: 9W	COUNTY	: KINGMAN	STATE	: KANSAS
GAUGE SN#	: 13549	RANGE	: 4100	CLOCK	: 12

INTERVAL FROM	: 4207	TO	: 4217	TOTAL DEPTH	: 4217
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4202	SIZE	: 7		
PACKER DEPTH	: 4207	SIZE	: 7		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: H-30 RIG #7		
MUD TYPE	: CHEMICAL	VISCOSITY	: 45
WEIGHT	: 9.3	WATER LOSS (CC)	: 12
CHLORIDES (PPM)	: NA		
JARS-MAKE	: -	SERIAL NUMBER	:
DID WELL FLOW ?	:	REVERSED OUT ?	:

DRILL COLLAR LENGTH	: 150	FT	I.D. inch	:	2.25	
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	:	0.00	
DRILL PIPE LENGTH	: 4037	FT	I.D. inch	:	3.80	
TEST TOOL LENGTH	: 20	FT	TOOL SIZE	:	5.50	
ANCHOR LENGTH	: 10	FT	ANCHOR SIZE	:	5.50	
SURFACE CHOKE SIZE	: .75	IN	BOTTOM CHOKE SIZE	:	.75	
MAIN HOLE SIZE	: 7.875	IN	TOOL JOINT SIZE	:	4.5 XH	

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 :
REMARK 3 :
REMARK 4 :

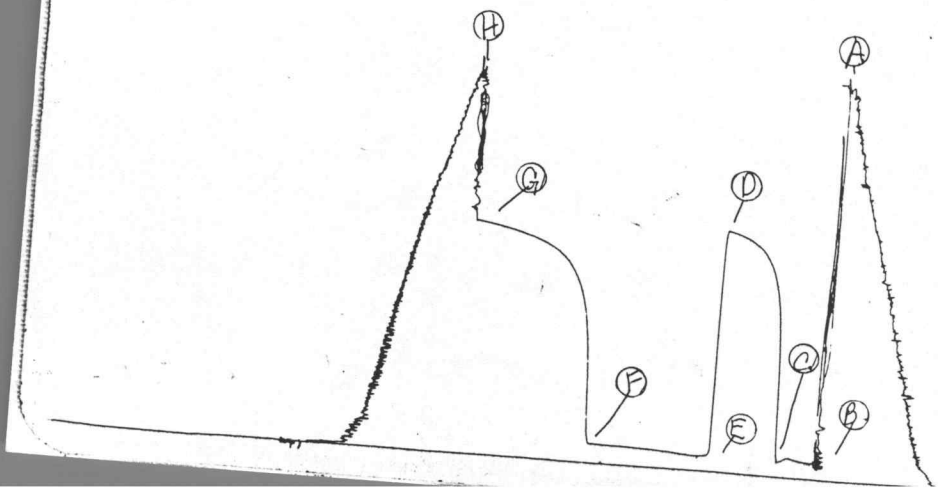
SET PACKER(S) :
WELL TEMPERATURE : 0

TIME STARTED OFF BOTTOM :

INITIAL HYDROSTATIC PRESSURE			(A)	2111		
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)	2081		

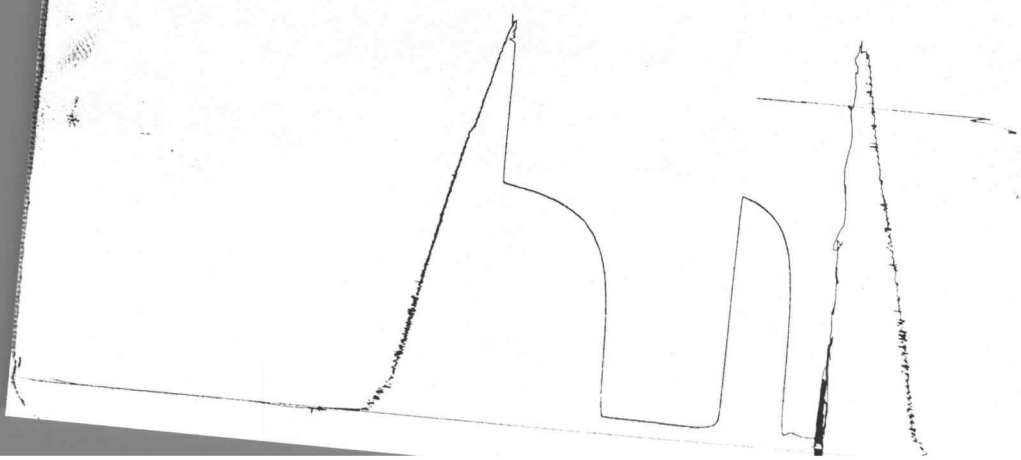
TKT#11904

Io

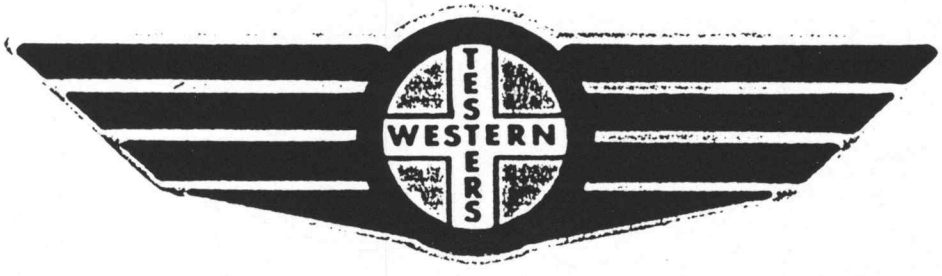


13549

Tkt#11904
0.



FORMATION TEST REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

COMPANY EDMISTON OIL COMPANY, INC. LEASE & WELL NO. HARTSHORN #1 SEC. 36 TWP. 29S RGE. 9W TEST NO. 2 DATE 12/11/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 12-11-87			TICKET	: 11904
CUSTOMER	: EDMISTON OIL CO. INC.			LEASE	: HARTSHORN
WELL	: #1 TEST: 2			GEOLOGIST	: L. POULSEN
ELEVATION	: 1639 GL			FORMATION	: MISSISSIPPI
SECTION	: 36			TOWNSHIP	: 29S
RANGE	: 9W	COUNTY	: KINGMAN	STATE	: KANSAS
GAUGE SN#	: 13549	RANGE	: 4100	CLOCK	: 12

INTERVAL FROM	: 4210	TO	: 4217	TOTAL DEPTH	: 4217
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4205	SIZE	: 7		
PACKER DEPTH	: 4210	SIZE	: 7		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: H-30 RIG #7		
MUD TYPE	: CHEMICAL	VISCOSITY	: 45
WEIGHT	: 9.3	WATER LOSS (CC)	: 12.0
CHLORIDES (PPM)	: 9000		
JARS-MAKE	: -	SERIAL NUMBER	:
DID WELL FLOW ?	: GAS	REVERSED OUT ?	: -

DRILL COLLAR LENGTH	: 270	FT	I.D. inch	: 2.25	
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00	
DRILL PIPE LENGTH	: 3914	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 26	FT	TOOL SIZE	: 5.50	
ANCHOR LENGTH	: 7	FT	ANCHOR SIZE	: 5.50	
SURFACE CHOKE SIZE	: .75	IN	BOTTOM CHOKE SIZE	: .75	
MAIN HOLE SIZE	: 7.875	IN	TOOL JOINT SIZE	: 4.5 XH	

BLOW COMMENT #1 : INITIAL FLOW-STRONG BLOW OFF BOTTOM OF BUCKET IN 1 MINUT
E

BLOW COMMENT #2 : GAS TO SURFACE IN 21 MINUTES.
BLOW COMMENT #3 : FINAL FLOW-STRONG BLOW-GAS TO SURFACE.
BLOW COMMENT #4 : SEE ATTACHED FLOW CHART.

RECOVERED : 300 FT OF: MUDDY WATER
20% MUD-80% WATER

CHLORIDES: 62000 PPM

Total Barrels Fluid = 1.75
Total Fluid Prod Rate = 20.98 BFPD
Indicated Wtr Rate = 17.49 BWPD

REMARK 1 : SLT PLUGGING INITIAL FLOW
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 7:00 AM TIME STARTED OFF BOTTOM : 11:15 AM
WELL TEMPERATURE : 121

INITIAL HYDROSTATIC PRESSURE			(A)	2080	
INITIAL FLOW PERIOD	MIN:	30	(B)	83	PSI TO (C) : 79
INITIAL CLOSED IN PERIOD	MIN:	45	(D)	1299	
FINAL FLOW PERIOD	MIN:	90	(E)	81	PSI TO (F) : 104
FINAL CLOSED IN PERIOD	MIN:	90	(G)	1260	
FINAL HYDROSTATIC PRESSURE			(H)	2018	

GAS FLOW REPORT

Date : 12-11-87 Ticket # : 11904
Customer : EDMISTON OIL CO. INC. Lease : HARTSHORN
Well : #1 Test : 2 Geologist : L. POULSEN
Elevation (KB) : 1644 Formation : MISSISSIPPI
Section : 36 Township : 29S
Range : 9W County : KINGMAN State : KANSAS
Gauge SN # : 13549 Range : 4100 Clock : 12

TIME GAUGE (MIN)	TESTER TYPE	ORFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
		PRE FLOW		
25	MERLA	1"	7 #	385000 CFPD
30		1"	5.5	336000 CFPD
		SECOND FLOW		
10	MERLA	3/4"	2	108000 CFPD
20		1/2"	2	47700 CFPD
30		1/2"	6	86300 CFPD
40		1/2"	6	86300 CFPD
50		1/2"	6	86300 CFPD
60		1/2"	6	86300 CFPD
70		1/2"	6	86300 CFPD
80		1/2"	6	86300 CFPD
90		1/2"	6	86300 CFPD

Gas Bottle SN # : 12A
Date Bottle Filled : 12-11-87
Date to be Invoiced :

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY	: EDMISTON OIL CO. INC.
RIG	: KINGMAN-KANSAS
FIELD	: HARTSHORN
WELL	: #1
DATE	: 12-11-87
GAUGE NO	: 13549

OPERATIONAL COMMENTS

SLT PLUGGING INITIAL FLOW

COMPANY : EDMISTON OIL CO. INC.
WELL : #1
GAUGE # : 13549
DATE : 11/12/87

FIELD : HARTSHORN
JOB # : 11904
DEPTH : 4217
TEST : SLT PLUGGING INITIAL FLOW

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	7: 0: 0	0.000	83.000	121.00	0.000
2	7: 4:59	0.083	83.000	121.00	0.000
3	7:10: 0	0.167	88.000	121.00	5.000
4	7:15: 0	0.250	93.000	121.00	5.000
5	7:19:59	0.333	102.000	121.00	9.000
6	7:25: 0	0.417	90.000	121.00	-12.000
7	7:30: 0	0.500	79.000	121.00	-11.000
8	7:33: 0	0.550	559.000	121.00	480.000
9	7:36: 0	0.600	877.000	121.00	318.000
10	7:39: 0	0.650	1016.000	121.00	139.000
11	7:42: 0	0.700	1094.000	121.00	78.000
12	7:45: 0	0.750	1141.000	121.00	47.000
13	7:48: 0	0.800	1180.000	121.00	39.000
14	7:51: 0	0.850	1209.000	121.00	29.000
15	7:54: 0	0.900	1232.000	121.00	23.000
16	7:57: 0	0.950	1242.000	121.00	10.000
17	8: 0: 0	1.000	1258.000	121.00	16.000
18	8: 2:59	1.050	1268.000	121.00	10.000
19	8: 6: 0	1.100	1276.000	121.00	8.000
20	8: 9: 0	1.150	1287.000	121.00	11.000
21	8:12: 0	1.200	1293.000	121.00	6.000
22	8:15: 0	1.250	1299.000	121.00	6.000
23	8:16: 0	1.267	81.000	121.00	-1218.000
24	8:19:59	1.333	83.000	121.00	2.000
25	8:25: 0	1.417	85.000	121.00	2.000
26	8:30: 0	1.500	87.000	121.00	2.000
27	8:34:59	1.583	89.000	121.00	2.000
28	8:40: 0	1.667	91.000	121.00	2.000
29	8:45: 0	1.750	93.000	121.00	2.000
30	8:49:59	1.833	95.000	121.00	2.000
31	8:55: 0	1.917	97.000	121.00	2.000
32	9: 0: 0	2.000	98.000	121.00	1.000
33	9: 4:59	2.083	99.000	121.00	1.000
34	9:10: 0	2.167	100.000	121.00	1.000
35	9:15: 0	2.250	101.000	121.00	1.000
36	9:19:59	2.333	101.000	121.00	0.000
37	9:25: 0	2.417	102.000	121.00	1.000
38	9:30: 0	2.500	102.000	121.00	0.000
39	9:34:59	2.583	103.000	121.00	1.000
40	9:40: 0	2.667	103.000	121.00	0.000
41	9:45: 0	2.750	104.000	121.00	1.000
42	9:48: 0	2.800	227.000	121.00	123.000
43	9:51: 0	2.850	588.000	121.00	361.000
44	9:54: 0	2.900	818.000	121.00	230.000
45	9:57: 0	2.950	900.000	121.00	82.000
46	10: 0: 0	3.000	965.000	121.00	65.000
47	10: 3: 0	3.050	1006.000	121.00	41.000
48	10: 6: 0	3.100	1049.000	121.00	43.000
49	10: 9: 0	3.150	1076.000	121.00	27.000
50	10:12: 0	3.200	1100.000	121.00	24.000
51	10:15: 0	3.250	1121.000	121.00	21.000
52	10:18: 0	3.300	1135.000	121.00	14.000

COMPANY : EDMISTON OIL CO. INC.
WELL : #1
GAUGE # : 13549
DATE : 11/12/87

FIELD : HARTSHORN
JOB # : 11904
DEPTH : 4217
TEST : SLT PLUGGING INITIAL FLOW

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	10:21: 0	3.350	1150.000	121.00	15.000
54	10:24: 0	3.400	1162.000	121.00	12.000
55	10:27: 0	3.450	1170.000	121.00	8.000
56	10:30: 0	3.500	1180.000	121.00	10.000
57	10:33: 0	3.550	1191.000	121.00	11.000
58	10:36: 0	3.600	1199.000	121.00	8.000
59	10:39: 0	3.650	1205.000	121.00	6.000
60	10:42: 0	3.700	1211.000	121.00	6.000
61	10:45: 0	3.750	1217.000	121.00	6.000
62	10:48: 0	3.800	1223.000	121.00	6.000
63	10:51: 0	3.850	1230.000	121.00	7.000
64	10:54: 0	3.900	1234.000	121.00	4.000
65	10:57: 0	3.950	1240.000	121.00	6.000
66	11: 0: 0	4.000	1244.000	121.00	4.000
67	11: 3: 0	4.050	1248.000	121.00	4.000
68	11: 6: 0	4.100	1252.000	121.00	4.000
69	11: 9: 0	4.150	1255.000	121.00	3.000
70	11:11:59	4.200	1258.000	121.00	3.000
71	11:15: 0	4.250	1260.000	121.00	2.000