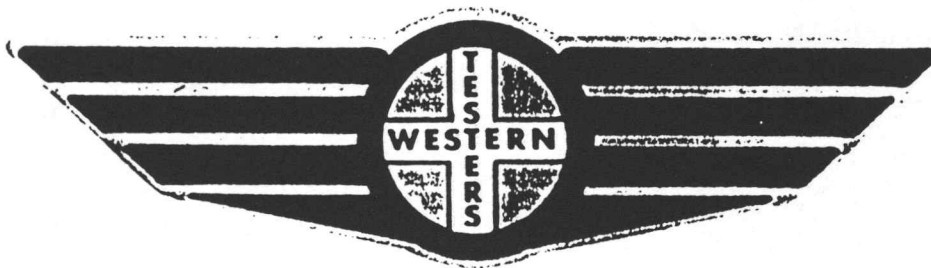


# FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE : 11-9-87  
CUSTOMER : ENERGY EXPLORATION INC.  
WELL : #1 TEST: 1  
ELEVATION : 2308 KB  
SECTION : 5  
RANGE : 23W COUNTY : NESS  
GAUGE SN# : 13759 RANGE : 3900  
TICKET : 12849  
LEASE : ANTENEN  
GEOLOGIST : K. ROBERTS  
FORMATION : CHEROKEE  
TOWNSHIP : 20S  
STATE : KANSAS  
CLOCK : 12

INTERVAL FROM : 4378 TO : 4420 TOTAL DEPTH : 4420  
DEPTH OF SELECTIVE ZONE :  
PACKER DEPTH : 4373 SIZE : 6.75  
PACKER DEPTH : 4378 SIZE : 6.75  
PACKER DEPTH : SIZE :  
PACKER DEPTH : SIZE :

DRILLING CON. : ABERCROMBIE RIG #1  
MUD TYPE : CHEMICAL VISCOSITY :  
WEIGHT : 9.0 WATER LOSS (CC) : 8.8  
CHLORIDES (PPM) : 6000  
JARS-MAKE : - SERIAL NUMBER :  
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00  
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00  
DRILL PIPE LENGTH : 4358 FT I.D. inch : 3.80  
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50  
ANCHOR LENGTH : 42 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-WEAK SURFACE BLOW DIED IN 15 MINUTES.  
BLOW COMMENT #2 : FINAL FLOW-NO BLOW.  
BLOW COMMENT #3 :  
BLOW COMMENT #4 :

RECOVERED . : \* 10 FT OF: DRILLING MUD

Total Barrels Fluid = 0.14  
Total Fluid Prod Rate = 3.37 BFPD  
Indicated Wtr Rate = 0.34 BWPD

REMARK 1 : FLUSHED TOOL FINAL FLOW.  
REMARK 2 :  
REMARK 3 :  
REMARK 4 :

SET PACKER(S) : 6:55 AM

TIME STARTED OFF BOTTOM : 8:55 AM

WELL TEMPERATURE : 112

INITIAL HYDROSTATIC PRESSURE

(A) 2201

INITIAL FLOW PERIOD MIN: 30

(B) 42 PSI TO (C) : 42

INITIAL CLOSED IN PERIOD MIN: 24

(D) 52

FINAL FLOW PERIOD MIN: 30

(E) 43 PSI TO (F) : 41

FINAL CLOSED IN PERIOD MIN: 27

(G) 47

FINAL HYDROSTATIC PRESSURE

(H) 2173

WESTERN TESTING CO. INC.  
WICHITA - KANSAS

Pressure Transient Report  
-----

COMPANY : ENERGY EXPLORATION INC.  
RIG : NESS-KANSAS  
FIELD : ANTENEN  
WELL : #1  
DATE : 11-9-87  
GAUGE NO : 13759

OPERATIONAL COMMENTS

FLUSHED TOOL FINAL FLOW.

COMPANY : ENERGY EXPLORATION INC.  
WELL : #1  
GAUGE # : 13759  
DATE : 9/11/87

FIELD : ANTENEN  
JOB # : 12849  
DEPTH : 4420  
TEST : FLUSHED TOOL FINAL FLOW.

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	6:55: 0	0.000	42.000	112.00	0.000
2	6:59:59	0.083	42.000	112.00	0.000
3	7: 5: 0	0.167	42.000	112.00	0.000
4	7:10: 0	0.250	42.000	112.00	0.000
5	7:14:59	0.333	42.000	112.00	0.000
6	7:20: 0	0.417	42.000	112.00	0.000
7	7:25: 0	0.500	42.000	112.00	0.000
8	7:28: 0	0.550	42.000	112.00	0.000
9	7:31: 0	0.600	42.000	112.00	0.000
10	7:34: 0	0.650	42.000	112.00	0.000
11	7:37: 0	0.700	43.000	112.00	1.000
12	7:40: 0	0.750	46.000	112.00	3.000
13	7:43: 0	0.800	48.000	112.00	2.000
14	7:46: 0	0.850	50.000	112.00	2.000
15	7:49: 0	0.900	52.000	112.00	2.000
16	7:50: 0	0.917	43.000	112.00	-9.000
17	7:53:59	0.983	43.000	112.00	0.000
18	7:59: 0	1.067	50.000	112.00	7.000
19	8: 4: 0	1.150	69.000	112.00	19.000
20	8: 8:59	1.233	50.000	112.00	-19.000
21	8:14: 0	1.317	44.000	112.00	-6.000
22	8:19: 0	1.400	41.000	112.00	-3.000
23	8:22: 0	1.450	41.000	112.00	0.000
24	8:25: 0	1.500	41.000	112.00	0.000
25	8:28: 0	1.550	41.000	112.00	0.000
26	8:31: 0	1.600	41.000	112.00	0.000
27	8:34: 0	1.650	43.000	112.00	2.000
28	8:37: 0	1.700	44.000	112.00	1.000
29	8:40: 0	1.750	45.000	112.00	1.000
30	8:43: 0	1.800	47.000	112.00	2.000
31	8:46: 0	1.850	47.000	112.00	0.000

WESTERN TESTING CO. INC.

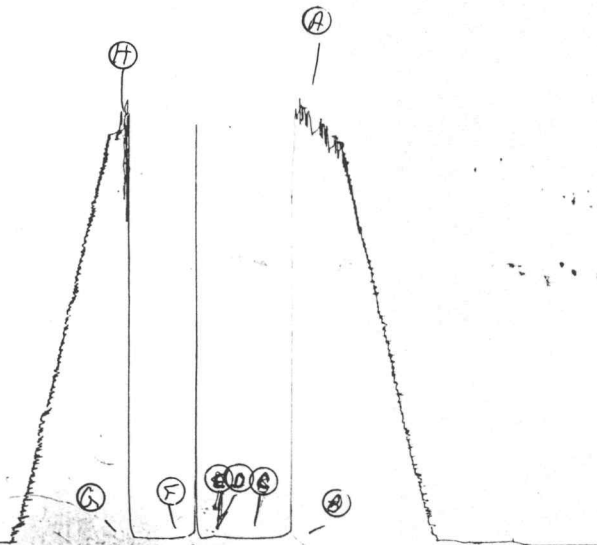
ENERGY EXP.

13759

AA 12849

DST 1

I



DST #  
13759

ENERGY EXP.

1355.1

A4 12849

175 1

0

