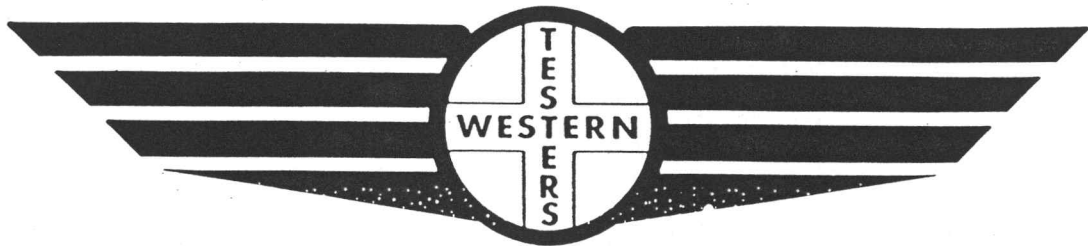


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY AMERICAN ENERGIES CORP. LEASE & WELL NO. #a-1 DUGAN SEC. 33 TWP. 16S RGE. 21W TEST NO. 1 DATE 2/24/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 2-24-87
CUSTOMER : AMERICAN ENERGIES CORP.
WELL : #A-1 TEST: 1
ELEVATION : 2213 KB
SECTION : 33
RANGE : 21W COUNTY : NESS
GAUGE SN# : 13403 RANGE : 4050
TICKET : 13440
LEASE : DUGAN
GEOLOGIST : B. REED
FORMATION : CHEROKEE SD.
TOWNSHIP : 16S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 4060 TO : 4106 TOTAL DEPTH : 4106
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4055 SIZE : 6.63
PACKER DEPTH : 4060 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : STRATA-BEREDCO RIG #3
MUD TYPE : CHEMICAL VISCOSITY : 47
WEIGHT : 9.5 WATER LOSS (CC) : 13.5
CHLORIDES (PPM) : 7000
JARS-MAKE : WTC SERIAL NUMBER : 421
DID WELL FLOW ? : REVERSED OUT ? :

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00
WEIGHT PIPE LENGTH : 818 FT I.D. inch : 2.90
DRILL PIPE LENGTH : 3288 FT I.D. inch : 3.80
TEST TOOL LENGTH : 28 FT TOOL SIZE : 4.50
ANCHOR LENGTH : 46 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.
BLOW COMMENT #2 : FINAL FLOW-FAIR BLOW-HOSE 6" INTO BUCKET.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 195 FT OF: MUD
RECOVERED : 1065 FT OF: GASSY SALT WATER

Total Barrels Fluid = 12.88
Total Fluid Prod Rate = 618.33 BFPD
Indicated Wtr Rate = 608.52 BWPD

REMARK 1 :
REMARK 2 : CHLORIDES: 47000 PPM
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	5:40 PM	TIME STARTED OFF BOTTOM :	7:10 PM
WELL TEMPERATURE :	122		
INITIAL HYDROSTATIC PRESSURE		(A)	2036
INITIAL FLOW PERIOD MIN:	15	(B)	495 PSI TO (C) : 561
INITIAL CLOSED IN PERIOD MIN:	30	(D)	605
FINAL FLOW PERIOD MIN:	15	(E)	604 PSI TO (F) : 610
FINAL CLOSED IN PERIOD MIN:	27	(G)	612
FINAL HYDROSTATIC PRESSURE		(H)	2202

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : AMERICAN ENERGIES CORP.
RIG : NESS-KANSAS
FIELD : DUGAN
WELL : #A-1
DATE : 2-24-87
GAUGE NO : 13403

OPERATIONAL COMMENTS

CHLORIDES: 47000 PPM

COMPANY : AMERICAN ENERGIES CORP.
WELL : #A-1
GAUGE # : 13403
DATE : 24/ 2/87

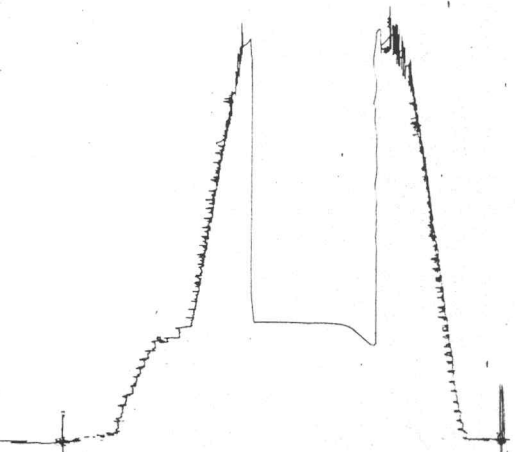
FIELD : DUGAN
JOB # : 13440
DEPTH : 4106
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	5:40: 0	0.000	495.000	122.00	0.000
2	5:44:59	0.083	508.000	122.00	13.000
3	5:50: 0	0.167	541.000	122.00	33.000
4	5:55: 0	0.250	561.000	122.00	20.000
5	5:58: 0	0.300	584.000	122.00	23.000
6	6: 1: 0	0.350	592.000	122.00	8.000
7	6: 4: 0	0.400	596.000	122.00	4.000
8	6: 7: 0	0.450	599.000	122.00	3.000
9	6:10: 0	0.500	600.000	122.00	1.000
10	6:13: 0	0.550	601.000	122.00	1.000
11	6:16: 0	0.600	602.000	122.00	1.000
12	6:19: 0	0.650	603.000	122.00	1.000
13	6:22: 0	0.700	604.000	122.00	1.000
14	6:25: 0	0.750	605.000	122.00	1.000
15	6:26: 0	0.767	604.000	122.00	-1.000
16	6:29:59	0.833	604.000	122.00	0.000
17	6:35: 0	0.917	607.000	122.00	3.000
18	6:40: 0	1.000	610.000	122.00	3.000
19	6:43: 0	1.050	611.000	122.00	1.000
20	6:46: 0	1.100	611.000	122.00	0.000
21	6:49: 0	1.150	612.000	122.00	1.000
22	6:52: 0	1.200	612.000	122.00	0.000
23	6:55: 0	1.250	612.000	122.00	0.000
24	6:58: 0	1.300	612.000	122.00	0.000
25	7: 1: 0	1.350	612.000	122.00	0.000
26	7: 4: 0	1.400	612.000	122.00	0.000
27	7: 7: 0	1.450	612.000	122.00	0.000

WESTERN TESTING CO. INC.

JK # 13440
O

DST #1
13553



13403

OST#1

