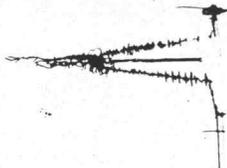


RF 11007
Below Saddle

OST#3
13401



RF 11007
0

OST#3
13268

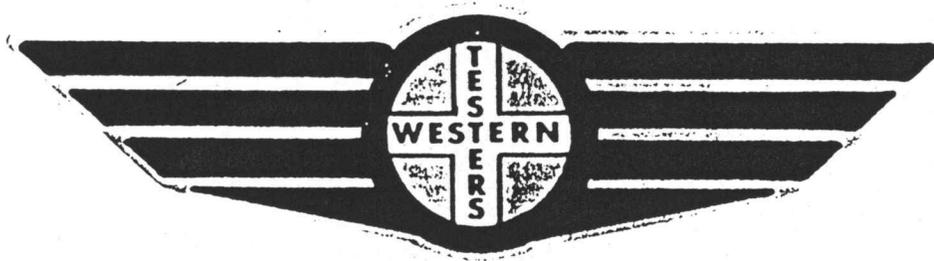


RF 11007
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OST#3
10270



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 5-26-87 TICKET : 11007
CUSTOMER : CENERGY MIDWEST COMPANY LEASE : McMINN
WELL : #311-21 TEST: 1 GEOLOGIST : C. COVEY
ELEVATION : 1400 GL FORMATION : -
SECTION : 21 TOWNSHIP : 31S
RANGE : 6E COUNTY : COWLEY STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 2170 TO : 2293 TOTAL DEPTH : 3500
DEPTH OF SELECTIVE ZONE : 2303
PACKER DEPTH : 2165 SIZE : 6.63
PACKER DEPTH : 2170 SIZE : 6.63
PACKER DEPTH : 2293 SIZE : 6.63
PACKER DEPTH : 2298 SIZE : 6.63

DRILLING CON. : ALLEN DRILLING RIG #4
MUD TYPE : CHEMICAL VISCOSITY : 48
WEIGHT : 9.6 WATER LOSS (CC) : 9.2
CHLORIDES (PPM) : 1800
JARS-MAKE : WTC SERIAL NUMBER : 420
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 : 2129 FT I.D. inch : 3.80
TEST TOOL LENGTH : 41 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 123 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: HIT BRIDGE AT APPROXIMATELY 1400 FEET.

REMARK 2 : NO PRESSURES AVAILABLE.

REMARK 3 :

REMARK 4 :

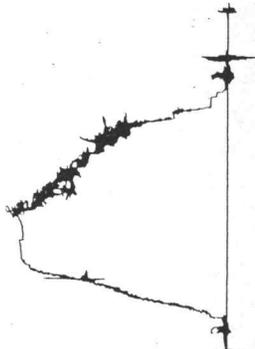
SET PACKER(S) :			TIME STARTED OFF BOTTOM :	
WELL TEMPERATURE :	0			
INITIAL HYDROSTATIC PRESSURE		(A)	0	
INITIAL FLOW PERIOD	MIN:	0	(B)	0 PSI TO (C) : 0
INITIAL CLOSED IN PERIOD	MIN:	0	(D)	0
FINAL FLOW PERIOD	MIN:	0	(E)	0 PSI TO (F) : 0
FINAL CLOSED IN PERIOD	MIN:	0	(G)	0
FINAL HYDROSTATIC PRESSURE		(H)	0	

RF 11008
Below Saddle



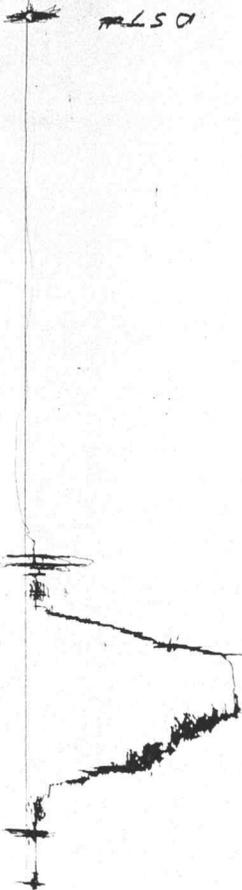
DST#
13401

RF 11008
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DST#

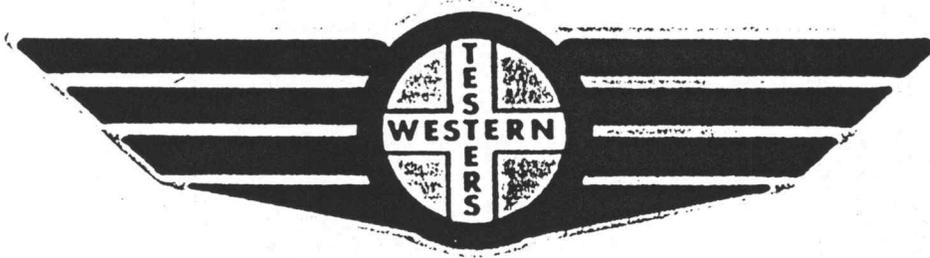
DST#
13268



0

RF 11008

FORMATION TEST REPORT



Home Office:

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P.O. Box 1599

Phone (316) 262-5861

COMPANY

CENERGY MIDWEST COMPANY

LEASE & WELL NO. MCMINN #311-21

SEC. 21 TWP. 31S RGE. 6E TEST NO. 2 DATE 5/26/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 5-26-87 TICKET : 11008
CUSTOMER : CENERGY MIDWEST COMPANY LEASE : McMINN
WELL : #311-21 TEST: 2 GEOLOGIST : C. COVEY
ELEVATION : 1400 GL FORMATION : NA
SECTION : 21 TOWNSHIP : 31S
RANGE : 6E COUNTY : COWLEY STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 2170 TO : 2293 TOTAL DEPTH : 3500
DEPTH OF SELECTIVE ZONE : 2303
PACKER DEPTH : 2165 SIZE : 6.63
PACKER DEPTH : 2170 SIZE : 6.63
PACKER DEPTH : 2293 SIZE : 6.63
PACKER DEPTH : 2298 SIZE : 6.63

DRILLING CON. : ALLEN DRILLING RIG #4
MUD TYPE : CHEMICAL VISCOSITY : 48
WEIGHT : 9.6+ WATER LOSS (CC) : 9.2
CHLORIDES (PPM) : 1800
JARS-MAKE : WTC SERIAL NUMBER : 420
DID WELL FLOW ? : - REVERSED OUT ? : -

DRILL COLLAR LENGTH : 150 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 1979 FT I.D. inch : 3.80
TEST TOOL LENGTH : 41 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 123 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: HOOK WOULDN'T SET.
REMARK 2 : NO PRESSURES AVAILABLE.
REMARK 3 :
REMARK 4 :

SET PACKER(S) :				TIME STARTED OFF BOTTOM :	
WELL TEMPERATURE :	0				
INITIAL HYDROSTATIC PRESSURE		(A)	0		
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)	0		