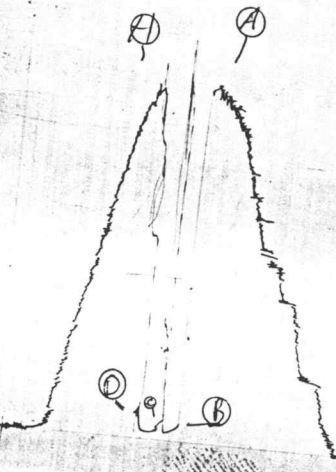


12202 DST #1



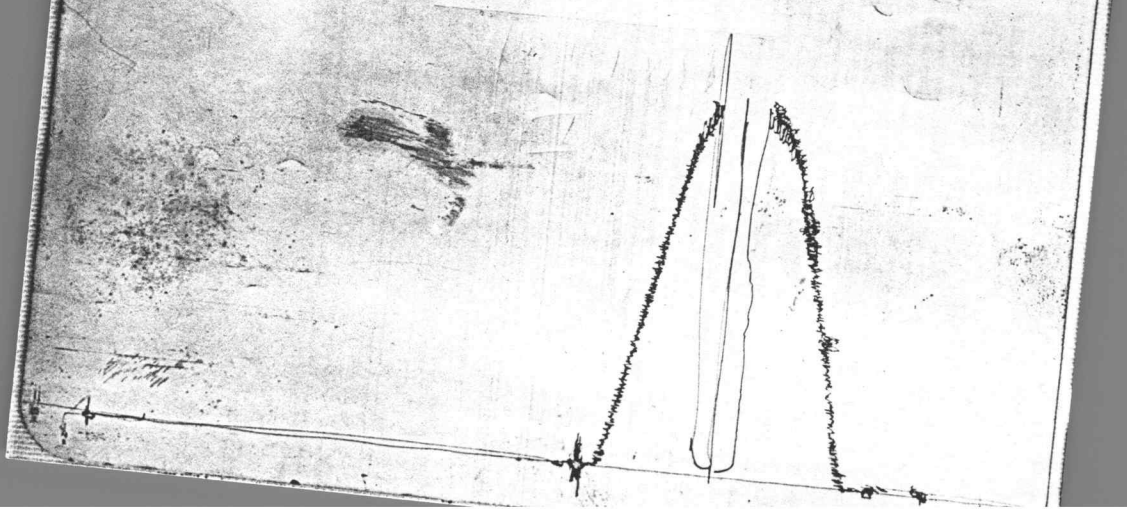
JK # 12088

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(10071 VST#1)

Site # 12088
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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 12-31-87 TICKET : 12088
CUSTOMER : CINCRIS ENERGY COMPANY INC. LEASE : POSTLETHWAITE
WELL : #1 TEST: 1 GEOLOGIST : B. BEARD
ELEVATION : 1871 KB FORMATION : ARBUCKLE
SECTION : 11 TOWNSHIP : 23S
RANGE : 13W COUNTY : STAFFORD STATE : KANSAS
GAUGE SN# : 13362 RANGE : 4450 CLOCK : 12

INTERVAL FROM : 3862 TO : 3868 TOTAL DEPTH : 3868
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3857 SIZE : 6.63
PACKER DEPTH : 3862 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : WOODMAN-IANNITTI
MUD TYPE : STARCH VISCOSITY : 42
WEIGHT : 10 WATER LOSS (CC) : 12
CHLORIDES (PPM) : 52000
JARS-MAKE : 0 SERIAL NUMBER : -
DID WELL FLOW ? : NO REVERSED OUT ? : -

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00
WEIGHT PIPE LENGTH : 382 FT I.D. inch : 2.50
DRILL PIPE LENGTH : 3455 FT I.D. inch : 3.80
TEST TOOL LENGTH : 25 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 6 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 PERIOD-VERY WEAK BLOW FOR
BLOW COMMENT #2 : 10 MINUTES AND DIED-FLUSHED TOOL-
BLOW COMMENT #3 : NO BLOW.
BLOW COMMENT #4 :

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : CINCRIS ENERGY COMPANY INC.
RIG : STAFFORD-KANSAS
FIELD : POSTLETHWAITE
WELL : #1
DATE : 12-31-87
GAUGE NO : 13362

OPERATIONAL COMMENTS

COMPANY : CINGRIS ENERGY COMPANY INC.
WELL : #1
GAUGE # : 13362
DATE : 31/12/87

FIELD : POSTLETHWAITE
JOB # : 12088
DEPTH : 3868
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	3:50:0	0.000	104.000	116.00	0.000
2	3:54:59	0.083	74.000	116.00	-30.000
3	4:0:0	0.167	56.000	116.00	-18.000
4	4:5:0	0.250	63.000	116.00	7.000
5	4:8:0	0.300	56.000	116.00	-7.000
6	4:11:0	0.350	54.000	116.00	-2.000
7	4:14:0	0.400	54.000	116.00	0.000
8	4:17:0	0.450	65.000	116.00	11.000
9	4:20:0	0.500	173.000	116.00	108.000

WESTERN TESTING CO. INC.

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 1-1-88 TICKET : 12089
CUSTOMER : CINCRIS ENERGY COMPANY INC. LEASE : POSTLETHWAITE
WELL : #1 TEST: 2 GEOLOGIST : W. RILEY
ELEVATION : 1871 KB FORMATION : ARBUCKLE
SECTION : 11 TOWNSHIP : 23S
RANGE : 13W COUNTY : STAFFORD STATE : KANSAS
GAUGE SN# : 13362 RANGE : 4450 CLOCK : 12

INTERVAL FROM : 3863 TO : 3871 TOTAL DEPTH : 3871
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3858 SIZE : 6.63
PACKER DEPTH : 3863 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : WOODMAN-IANNITTI
MUD TYPE : STARCH VISCOSITY : 42
WEIGHT : 10.0 WATER LOSS (CC) : 12
CHLORIDES (PPM) : 52000
JARS-MAKE : NO SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00
WEIGHT PIPE LENGTH : 382 FT I.D. inch : 2.50
DRILL PIPE LENGTH : 3461 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 8 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-VERY WEAK STEADY BLOW.
BLOW COMMENT #2 : FINAL FLOW-VERY WEAK STEADY BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 80 FT OF: GAS & OIL CUT MUD

Total Barrels Fluid = 0.49
Total Fluid Prod Rate = 11.66 BFPD
Indicated Oil Rate = 0.58 BOPD
Indicated Wtr Rate = 1.17 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 2:35 AM

TIME STARTED OFF BOTTOM : 4:35 AM

WELL TEMPERATURE : 118

INITIAL HYDROSTATIC PRESSURE

(A) 2084

INITIAL FLOW PERIOD MIN: 30

(B) 103 PSI TO (C) : 46

INITIAL CLOSED IN PERIOD MIN: 30

(D) 253

FINAL FLOW PERIOD MIN: 30

(E) 60 PSI TO (F) : 60

FINAL CLOSED IN PERIOD MIN: 30

(G) 77

FINAL HYDROSTATIC PRESSURE

(H) 2056

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : CINCRIS ENERGY COMPANY INC.
RIG : STAFFORD-KANSAS
FIELD : POSTLETHWAITE
WELL : #1
DATE : 1-1-88
GAUGE NO : 13362

OPERATIONAL COMMENTS

COMPANY : CINCRIS ENERGY COMPANY INC.
WELL : #1
GAUGE # : 13362
DATE : 1/ 1/88

FIELD : POSTLETHWAITE
JOB # : 12089
DEPTH : 3871
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P $P_i - P_{(i-1)}$
1	2:35:0	0.000	103.000	118.00	0.000
2	2:39:59	0.083	81.000	118.00	-22.000
3	2:45:0	0.167	66.000	118.00	-15.000
4	2:50:0	0.250	58.000	118.00	-8.000
5	2:54:59	0.333	51.000	118.00	-7.000
6	3:0:0	0.417	47.000	118.00	-4.000
7	3:5:0	0.500	46.000	118.00	-1.000
8	3:8:0	0.550	46.000	118.00	0.000
9	3:11:0	0.600	46.000	118.00	0.000
10	3:14:0	0.650	46.000	118.00	0.000
11	3:17:0	0.700	57.000	118.00	11.000
12	3:20:0	0.750	75.000	118.00	18.000
13	3:23:0	0.800	92.000	118.00	17.000
14	3:26:0	0.850	113.000	118.00	21.000
15	3:29:0	0.900	148.000	118.00	35.000
16	3:32:0	0.950	199.000	118.00	51.000
17	3:35:0	1.000	253.000	118.00	54.000
18	3:36:0	1.017	60.000	118.00	-193.000
19	3:39:59	1.083	60.000	118.00	0.000
20	3:45:0	1.167	60.000	118.00	0.000
21	3:50:0	1.250	60.000	118.00	0.000
22	3:54:59	1.333	60.000	118.00	0.000
23	4:0:0	1.417	60.000	118.00	0.000
24	4:5:0	1.500	60.000	118.00	0.000
25	4:8:0	1.550	60.000	118.00	0.000
26	4:11:0	1.600	60.000	118.00	0.000
27	4:14:0	1.650	60.000	118.00	0.000
28	4:17:0	1.700	61.000	118.00	1.000
29	4:20:0	1.750	63.000	118.00	2.000
30	4:23:0	1.800	65.000	118.00	2.000
31	4:26:0	1.850	67.000	118.00	2.000
32	4:29:0	1.900	71.000	118.00	4.000
33	4:32:0	1.950	74.000	118.00	3.000
34	4:35:0	2.000	77.000	118.00	3.000

WESTERN TESTING CO. INC.

13362 DSH#2



Site # 12089

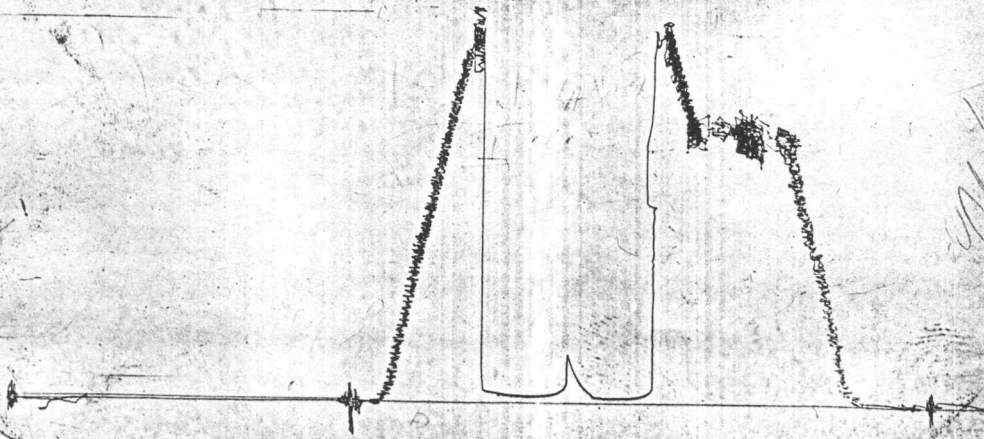
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13271 DST#2

JK # 12089

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 1-1-88 TICKET : 12090
CUSTOMER : CINCRIS ENERGY COMPANY INC LEASE : POSTLETHWAITE
WELL : #1 TEST: 3 GEOLOGIST : W RILEY
ELEVATION : 1871 KB FORMATION : ARBUCKLE
SECTION : 11 TOWNSHIP : 23S
RANGE : 13W COUNTY : STAFFORD STATE : KANSAS
GAUGE SN# : 13362 RANGE : 4450 CLOCK : 12

INTERVAL FROM : 3868 TO : 3876 TOTAL DEPTH : 3876
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3863 SIZE : 6.63
PACKER DEPTH : 3868 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : WOODMAN-IANNITTI
MUD TYPE : STARCH VISCOSITY : 42
WEIGHT : 10 WATER LOSS (CC) : 12.4
CHLORIDES (PPM) : 52000
JARS-MAKE : NO SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00
WEIGHT PIPE LENGTH : 382 FT I.D. inch : 2.50
DRILL PIPE LENGTH : 3466 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 8 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-VERY WEAK 1" TO 1 1/2" BLOW.
BLOW COMMENT #2 : FINAL FLOW-BLOW WENT FROM 1" DOWN TO 1/2".
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 80 FT OF: HEAVY GAS & MUD CUT OIL
20% GAS-50% OIL-10% WATER-20% MUD
RECOVERED : 65 FT OF: GAS & OIL CUT WATER
10% GAS-10% OIL-80% WATER-
CHLORIDES: 58000 PPM

Total Barrels Fluid = 0.88
Total Fluid Prod Rate = 14.08 BFPD
Indicated Oil Rate = 4.52 BOPD
Indicated Wtr Rate = 5.83 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 360 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 3:35 PM TIME STARTED OFF BOTTOM : 6:05 PM
WELL TEMPERATURE : 121
INITIAL HYDROSTATIC PRESSURE (A) 2049
INITIAL FLOW PERIOD MIN: 45 (B) 69 PSI TO (C) : 69
INITIAL CLOSED IN PERIOD MIN: 27 (D) 949
FINAL FLOW PERIOD MIN: 45 (E) 89 PSI TO (F) : 89
FINAL CLOSED IN PERIOD MIN: 27 (G) 912
FINAL HYDROSTATIC PRESSURE (H) 2019

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : CINCRIS ENERGY COMPANY INC
RIG : STAFFORD-KANSAS
FIELD : POSTLETHWAITE
WELL : #1
DATE : 1-1-88
GAUGE NO : 13362

OPERATIONAL COMMENTS

RECOVERED 360 FEET OF GAS ABOVE FLUID.

COMPANY : CINCRIS ENERGY COMPANY INC
 WELL : #1
 GAUGE # : 13362
 DATE : 1/ 1/88

FIELD : POSTLETHWAITE
 JOB # : 12090
 DEPTH : 3876
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P P _i -P _(i-1)
1	3:35: 0	0.000	69.000	121.00	0.000
2	3:39:59	0.083	69.000	121.00	0.000
3	3:45: 0	0.167	69.000	121.00	0.000
4	3:50: 0	0.250	69.000	121.00	0.000
5	3:54:59	0.333	69.000	121.00	0.000
6	4: 0: 0	0.417	69.000	121.00	0.000
7	4: 5: 0	0.500	69.000	121.00	0.000
8	4: 9:59	0.583	69.000	121.00	0.000
9	4:15: 0	0.667	69.000	121.00	0.000
10	4:20: 0	0.750	69.000	121.00	0.000
11	4:23: 0	0.800	128.000	121.00	59.000
12	4:26: 0	0.850	266.000	121.00	138.000
13	4:29: 0	0.900	584.000	121.00	318.000
14	4:32: 0	0.950	803.000	121.00	219.000
15	4:35: 0	1.000	871.000	121.00	68.000
16	4:38: 0	1.050	904.000	121.00	33.000
17	4:41: 0	1.100	928.000	121.00	24.000
18	4:44: 0	1.150	941.000	121.00	13.000
19	4:47: 0	1.200	949.000	121.00	8.000
20	4:48: 0	1.217	89.000	121.00	-860.000
21	4:51:59	1.283	89.000	121.00	0.000
22	4:57: 0	1.367	89.000	121.00	0.000
23	5: 2: 0	1.450	89.000	121.00	0.000
24	5: 6:59	1.533	89.000	121.00	0.000
25	5:12: 0	1.617	89.000	121.00	0.000
26	5:17: 0	1.700	89.000	121.00	0.000
27	5:21:59	1.783	89.000	121.00	0.000
28	5:27: 0	1.867	89.000	121.00	0.000
29	5:32: 0	1.950	89.000	121.00	0.000
30	5:35: 0	2.000	151.000	121.00	62.000
31	5:38: 0	2.050	267.000	121.00	116.000
32	5:41: 0	2.100	470.000	121.00	203.000
33	5:44: 0	2.150	683.000	121.00	213.000
34	5:47: 0	2.200	791.000	121.00	108.000
35	5:50: 0	2.250	842.000	121.00	51.000
36	5:53: 0	2.300	873.000	121.00	31.000
37	5:56: 0	2.350	895.000	121.00	22.000
38	5:59: 0	2.400	912.000	121.00	17.000

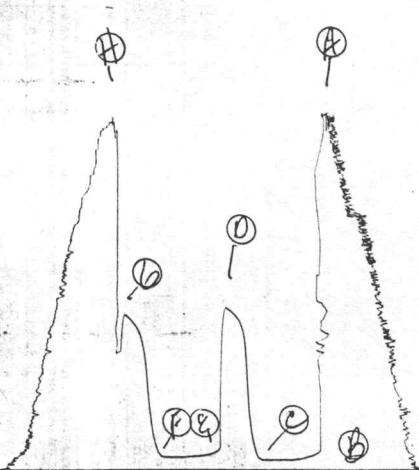
WESTERN TESTING CO. INC.

13362 Dst #3

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Alt # 12090

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13271 DST#3

Wt # 12090
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