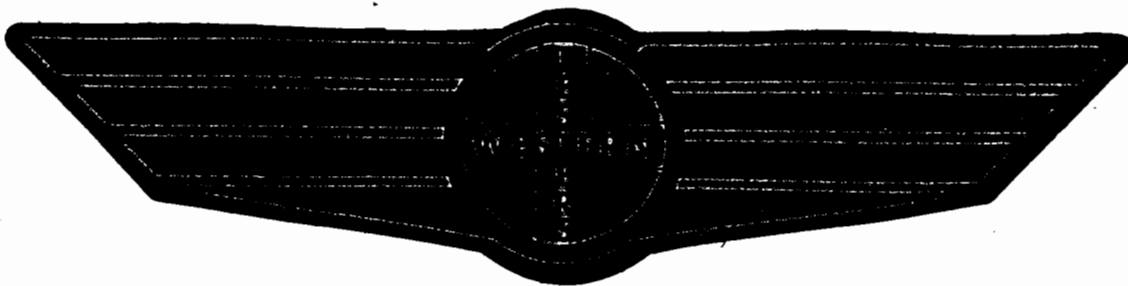


FORMATION TEST REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone 1 - 800-688-7021

RECEIVED
STATE CORPORATION COMMISSION

JUL 02 1991

K C C

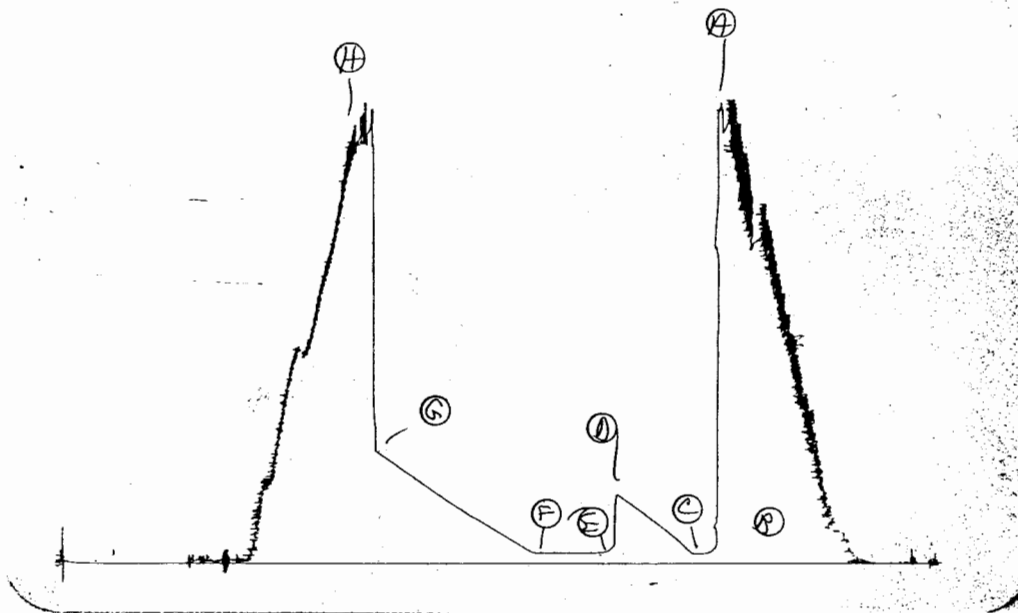
CONSERVATION DIVISION
Wichita, KS 67245

JUL 17 1991

DST #2
13361

KT 16983

Z

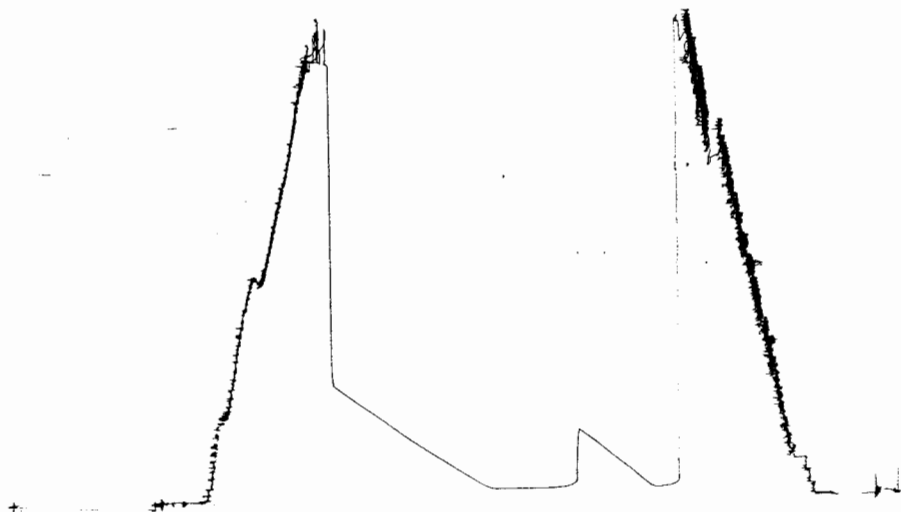


Inside Recorder

DST #2
13552

KT 16983

O



Outside Recorder

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	4-22-91	TICKET	:	16983
CUSTOMER	:	ADVANTAGE RESOURCES INC.	LEASE	:	JOHN YOHN
WELL	:	1	TEST:	:	2
ELEVATION	:	2214 KB	GEOLOGIST	:	R. WELTY
SECTION	:	17	FORMATION	:	MISSISSIPPIAN
RANGE	:	17W	TOWNSHIP	:	28S
	:	COUNTY :	STATE	:	KANSAS
GAUGE SN#	:	13361	RANGE	:	4250
	:		CLOCK	:	12

INTERVAL FROM	:	4818	TO	:	4843	TOTAL DEPTH	:	4843
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4813	SIZE	:	6.63			
PACKER DEPTH	:	4818	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	STERLING DRILLING RIG 2			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	58
WEIGHT	:	9.3	WATER LOSS (CC)	:	9.6
CHLORIDES (PPM)	:	6000			
JARS-MAKE	:	W.T.C.	SERIAL NUMBER	:	420
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	468	FT	I.D. inch	:	2.25
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	4321	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	25	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5XH

BLOW COMMENT #1	:	INITIAL FLOW PERIOD WEAK 9 INCH BLOW.
BLOW COMMENT #2	:	FINAL FLOW PERIOD WEAK 12 INCH BLOW.
BLOW COMMENT #3	:	NO GAS TO SURFACE ON FLOW PERIODS.
BLOW COMMENT #4	:	

RECOVERED : 15 FT OF: MUD-SPOTS OF OIL IN TOOL

Total Barrels Fluid = 0.07
Total Fluid Prod Rate = 1.42 BFPD
Indicated Wtr Rate = 0.14 BWPD

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

SET PACKER(S) : 3:00 P.M.

TIME STARTED OFF BOTTOM : 7:15 P.M.

WELL TEMPERATURE : 0

INITIAL HYDROSTATIC PRESSURE

(A) 2513

INITIAL FLOW PERIOD MIN: 15

(B) 66 PSI TO (C) : 54

INITIAL CLOSED IN PERIOD MIN: 60

(D) 383

FINAL FLOW PERIOD MIN: 60

(E) 61 PSI TO (F) : 61

FINAL CLOSED IN PERIOD MIN: 117

(G) 623

FINAL HYDROSTATIC PRESSURE

(H) 2420

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : ADVANTAGE RESOURCES INC.
RIG : KIOWA-KANSAS
FIELD : JOHN YOHN
WELL : 1
DATE : 4-22-91
GAUGE NO : 13361

OPERATIONAL COMMENTS

COMPANY : ADVANTAGE RESOURCES INC.
WELL : 1
GAUGE # : 13361
DATE : 22/ 4/91

FIELD : JOHN YOHN
JOB # : 16983
DEPTH : 4843
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	3: 0: 0	0.000	66.000	0.00	0.000
3	3: 4:59	0.083	66.000	0.00	0.000
4	3:10: 0	0.167	56.000	0.00	-10.000
5	3:15: 0	0.250	54.000	0.00	-2.000
INITIAL SHUT-IN PERIOD					
6	3:18: 0	0.300	58.000	0.00	4.000
7	3:21: 0	0.350	71.000	0.00	13.000
8	3:24: 0	0.400	93.000	0.00	22.000
9	3:27: 0	0.450	114.000	0.00	21.000
10	3:30: 0	0.500	135.000	0.00	21.000
11	3:33: 0	0.550	155.000	0.00	20.000
12	3:36: 0	0.600	174.000	0.00	19.000
13	3:39: 0	0.650	190.000	0.00	16.000
14	3:42: 0	0.700	205.000	0.00	15.000
15	3:45: 0	0.750	225.000	0.00	20.000
16	3:48: 0	0.800	242.000	0.00	17.000
17	3:51: 0	0.850	257.000	0.00	15.000
18	3:54: 0	0.900	278.000	0.00	21.000
19	3:57: 0	0.950	294.000	0.00	16.000
20	4: 0: 0	1.000	311.000	0.00	17.000
21	4: 2:59	1.050	329.000	0.00	18.000
22	4: 6: 0	1.100	343.000	0.00	14.000
23	4: 9: 0	1.150	360.000	0.00	17.000
24	4:12: 0	1.200	376.000	0.00	16.000
25	4:15: 0	1.250	383.000	0.00	7.000
FINAL FLOW PERIOD					
26	4:16: 0	1.267	61.000	0.00	-322.000
27	4:19:59	1.333	61.000	0.00	0.000
28	4:25: 0	1.417	61.000	0.00	0.000
29	4:30: 0	1.500	61.000	0.00	0.000
30	4:34:59	1.583	61.000	0.00	0.000
31	4:40: 0	1.667	61.000	0.00	0.000
32	4:45: 0	1.750	61.000	0.00	0.000
33	4:49:59	1.833	61.000	0.00	0.000
34	4:55: 0	1.917	61.000	0.00	0.000
35	5: 0: 0	2.000	61.000	0.00	0.000
36	5: 4:59	2.083	61.000	0.00	0.000
37	5:10: 0	2.167	61.000	0.00	0.000
38	5:15: 0	2.250	61.000	0.00	0.000
FINAL SHUT-IN PERIOD					
39	5:18: 0	2.300	64.000	0.00	3.000
40	5:21: 0	2.350	77.000	0.00	13.000
41	5:24: 0	2.400	90.000	0.00	13.000
42	5:27: 0	2.450	103.000	0.00	13.000
43	5:30: 0	2.500	117.000	0.00	14.000
44	5:33: 0	2.550	130.000	0.00	13.000
45	5:36: 0	2.600	142.000	0.00	12.000
46	5:39: 0	2.650	159.000	0.00	17.000
47	5:42: 0	2.700	172.000	0.00	13.000
48	5:45: 0	2.750	187.000	0.00	15.000

COMPANY : ADVANTAGE RESOURCES INC.
WELL : 1
GAUGE # : 13361
DATE : 22/ 4/91

FIELD : JOHN YOHN
JOB # : 16983
DEPTH : 4843
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	5:48: 0	2.800	200.000	0.00	13.000
50	5:51: 0	2.850	215.000	0.00	15.000
51	5:54: 0	2.900	230.000	0.00	15.000
52	5:57: 0	2.950	242.000	0.00	12.000
53	6: 0: 0	3.000	257.000	0.00	15.000
54	6: 3: 0	3.050	269.000	0.00	12.000
55	6: 6: 0	3.100	282.000	0.00	13.000
56	6: 9: 0	3.150	299.000	0.00	17.000
57	6:12: 0	3.200	312.000	0.00	13.000
58	6:15: 0	3.250	328.000	0.00	16.000
59	6:18: 0	3.300	344.000	0.00	16.000
60	6:21: 0	3.350	358.000	0.00	14.000
61	6:24: 0	3.400	371.000	0.00	13.000
62	6:27: 0	3.450	386.000	0.00	15.000
63	6:30: 0	3.500	402.000	0.00	16.000
64	6:33: 0	3.550	418.000	0.00	16.000
65	6:36: 0	3.600	433.000	0.00	15.000
66	6:39: 0	3.650	451.000	0.00	18.000
67	6:42: 0	3.700	465.000	0.00	14.000
68	6:45: 0	3.750	481.000	0.00	16.000
69	6:48: 0	3.800	498.000	0.00	17.000
70	6:51: 0	3.850	513.000	0.00	15.000
71	6:54: 0	3.900	529.000	0.00	16.000
72	6:57: 0	3.950	544.000	0.00	15.000
73	7: 0: 0	4.000	561.000	0.00	17.000
74	7: 3: 0	4.050	576.000	0.00	15.000
75	7: 6: 0	4.100	592.000	0.00	16.000
76	7: 9: 0	4.150	607.000	0.00	15.000
77	7:11:59	4.200	623.000	0.00	16.000

WESTERN TESTING CO. INC.