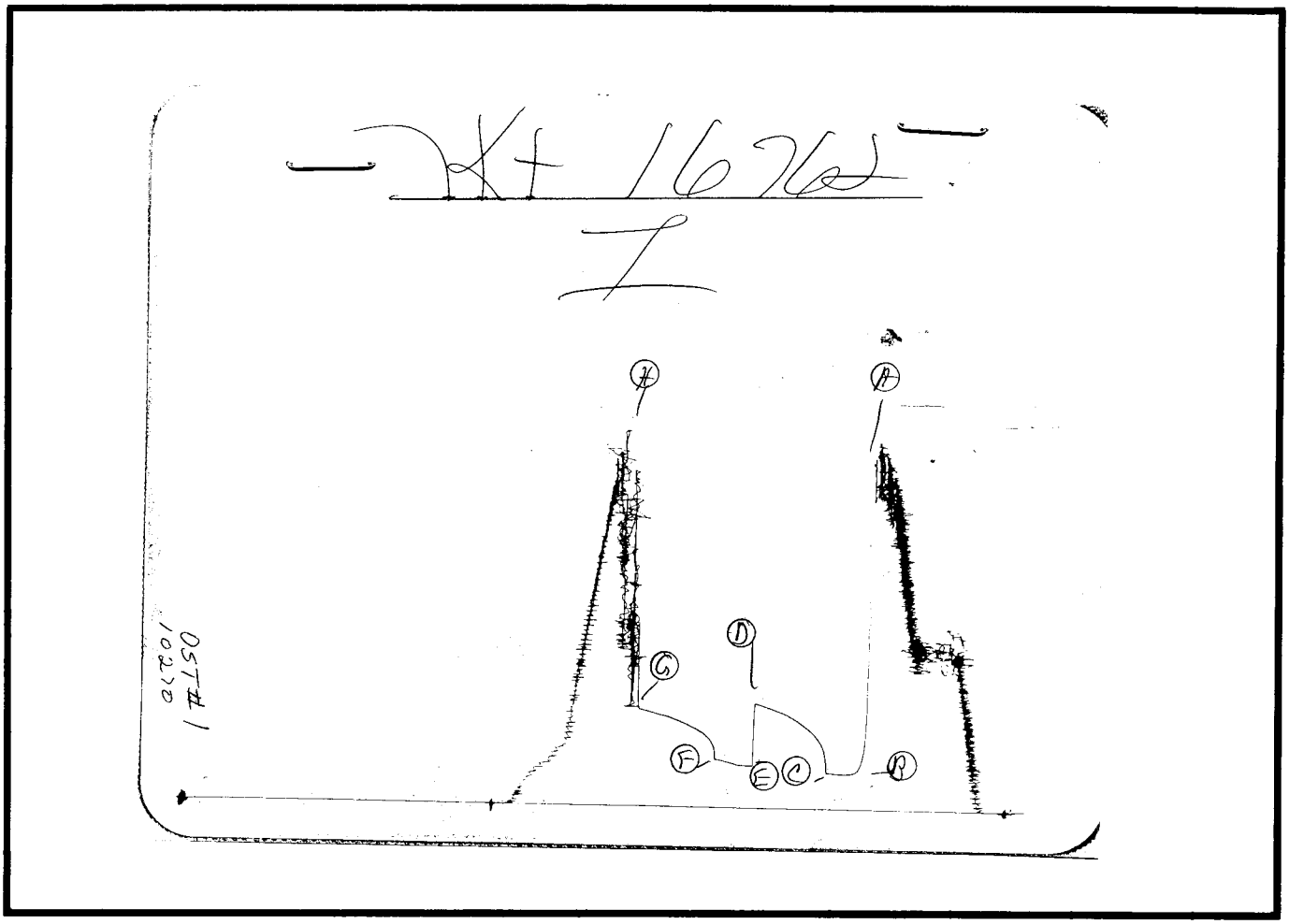
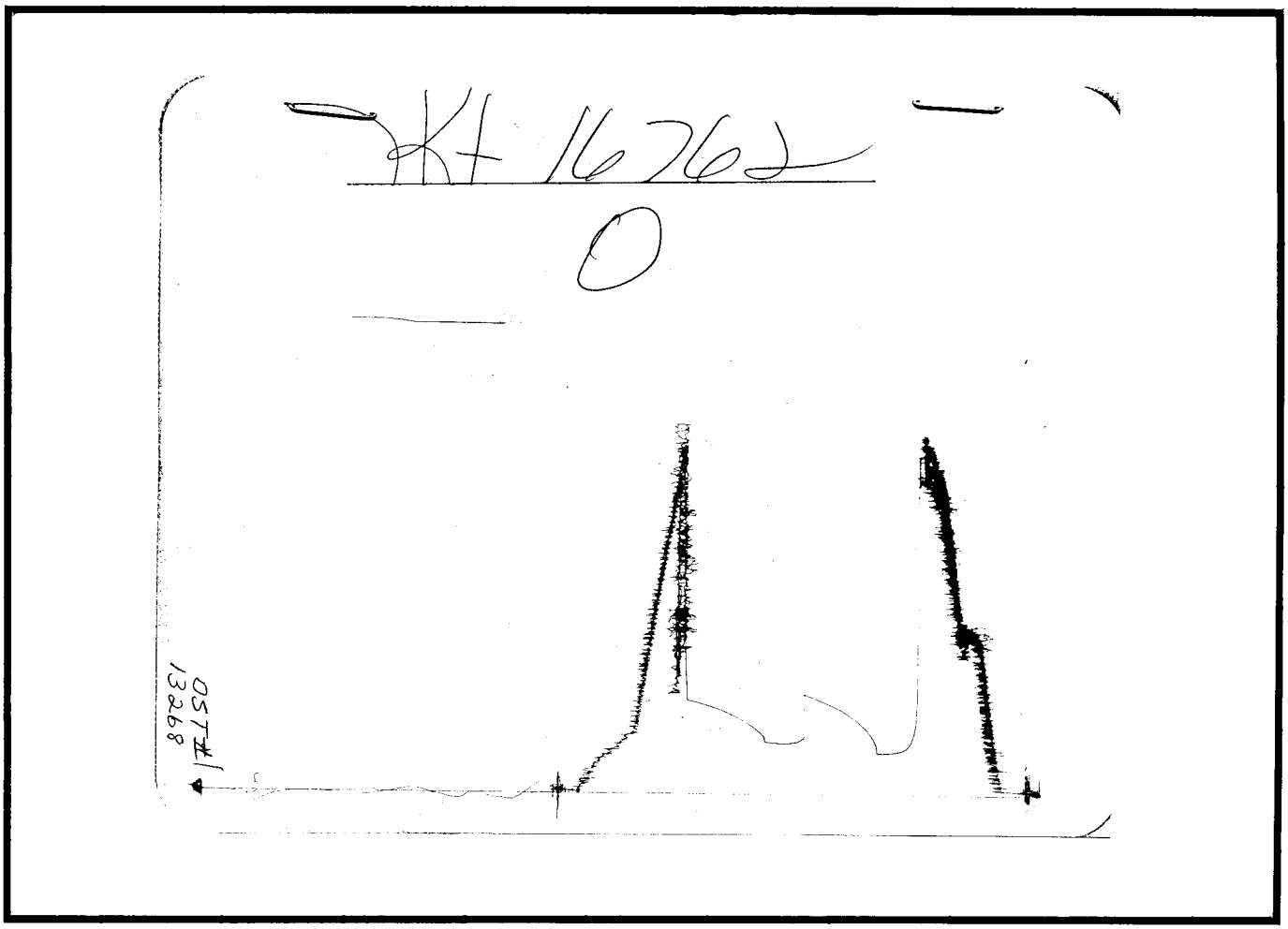
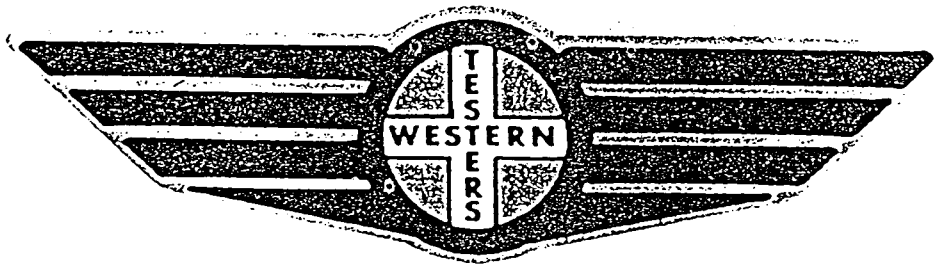


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

COMPANY JAY BOY OIL, INC.

LEASE & WELL NO. ~~NICHOLSON #2~~ Nicholson #2 SEC. 24 TWP. 20S RGE. 16W TEST NO. 1 DATE 1/7/91

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 1-7-91			TICKET	: 16762
CUSTOMER	: JAY BOY OIL INC.			LEASE	: NICHOLSON
WELL	: 2 TEST: 1			GEOLOGIST	: K. GREENWOOD
ELEVATION	: 2041 K.B.			FORMATION	: ARBUCKLE
SECTION	: 24			TOWNSHIP	: 20S
RANGE	: 16W	COUNTY :	PAWNEE	STATE	: KANSAS
GAUGE SN#	: 10270	RANGE :	4150	CLOCK	: 12

INTERVAL FROM	: 3745	TO	: 3760	TOTAL DEPTH	: 3760
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3740	SIZE :	6.63		
PACKER DEPTH	: 3745	SIZE :	6.63		
PACKER DEPTH	:	SIZE :			
PACKER DEPTH	:	SIZE :			

DRILLING CON.	: ALLEN RIG 3		
MUD TYPE	: CHEMICAL	VISCOSITY	: 55
WEIGHT	: 9.1	WATER LOSS (CC)	: 10.4
CHLORIDES (PPM)	: 8000		
JARS-MAKE	:	SERIAL NUMBER	:
DID WELL FLOW ?	: GAS	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	: 3725	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 20	FT	TOOL SIZE	: 5.50	
ANCHOR LENGTH	: 15	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 STRONG BLOW
BLOW COMMENT #2 : GAS TO SURFACE IN 3 MINUTES.
BLOW COMMENT #3 : FINAL FLOW PERIOD GAS TO SURFACE.
BLOW COMMENT #4 :

RECOVERED	: 110	FT	OF:	CLEAN OIL-GRAVITY 34 CORRECTED
RECOVERED	: 130	FT	OF:	MUDDY GASSY OIL
RECOVERED	: 0	FT	OF:	37%OIL:33%GAS:30%MUD
RECOVERED	: 120	FT	OF:	MUDDY GASSY OIL
RECOVERED	: 0	FT	OF:	60%OIL:20%GAS:10%WTR:6%MUD
RECOVERED	: 120	FT	OF:	OIL CUT WATER-3%OIL:97%WTR
RECOVERED	: 180	FT	OF:	WATER
RECOVERED	: 0	FT	OF:	CHLORIDES 30000 P.P.M.

Total Barrels Fluid	=	9.26
Total Fluid Prod Rate	=	222.18 BFPD
Indicated Oil Rate	=	78.67 BOPD
Indicated Wtr Rate	=	105.13 BWPD
Corrected Oil Rate	=	66.38 BOPD
Corrected Wtr Rate	=	88.70 BWPD

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

SET PACKER(S) : 9:20 A.M. TIME STARTED OFF BOTTOM : 12:20 P.M.
WELL TEMPERATURE : 112

INITIAL HYDROSTATIC PRESSURE			(A)	1991		
INITIAL FLOW PERIOD	MIN:	30	(B)	206	PSI TO (C) :	208
INITIAL CLOSED IN PERIOD	MIN:	60	(D)	605		
FINAL FLOW PERIOD	MIN:	30	(E)	247	PSI TO (F) :	279
FINAL CLOSED IN PERIOD	MIN:	60	(G)	560		
FINAL HYDROSTATIC PRESSURE			(H)	1967		

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY	: JAY BOY OIL INC.
RIG	: PAWNEE-KANSAS
FIELD	: NICHOLSON
WELL	: 2
DATE	: 1-7-91
GAUGE NO	: 10270

OPERATIONAL COMMENTS

COMPANY : JAY BOY OIL INC.
WELL : 2
GAUGE # : 10270
DATE : 7/ 1/91

FIELD : NICHOLSON
JOB # : 16762
DEPTH : 3760
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	9:20: 0	0.000	206.000	112.00	0.000
3	9:24:59	0.083	206.000	112.00	0.000
4	9:30: 0	0.167	206.000	112.00	0.000
5	9:35: 0	0.250	206.000	112.00	0.000
6	9:39:59	0.333	206.000	112.00	0.000
7	9:45: 0	0.417	207.000	112.00	1.000
8	9:50: 0	0.500	208.000	112.00	1.000
	INITIAL SHUT-IN PERIOD				
9	9:53: 0	0.550	333.000	112.00	125.000
10	9:56: 0	0.600	381.000	112.00	48.000
11	9:59: 0	0.650	415.000	112.00	34.000
12	10: 2: 0	0.700	438.000	112.00	23.000
13	10: 5: 0	0.750	458.000	112.00	20.000
14	10: 8: 0	0.800	473.000	112.00	15.000
15	10:11: 0	0.850	491.000	112.00	18.000
16	10:14: 0	0.900	505.000	112.00	14.000
17	10:17: 0	0.950	521.000	112.00	16.000
18	10:20: 0	1.000	529.000	112.00	8.000
19	10:23: 0	1.050	540.000	112.00	11.000
20	10:26: 0	1.100	550.000	112.00	10.000
21	10:29: 0	1.150	559.000	112.00	9.000
22	10:32: 0	1.200	566.000	112.00	7.000
23	10:35: 0	1.250	574.000	112.00	8.000
24	10:38: 0	1.300	582.000	112.00	8.000
25	10:41: 0	1.350	589.000	112.00	7.000
26	10:44: 0	1.400	593.000	112.00	4.000
27	10:47: 0	1.450	602.000	112.00	9.000
28	10:50: 0	1.500	605.000	112.00	3.000
	FINAL FLOW PERIOD				
29	10:51: 0	1.517	247.000	112.00	-358.000
30	10:54:59	1.583	247.000	112.00	0.000
31	11: 0: 0	1.667	247.000	112.00	0.000
32	11: 5: 0	1.750	253.000	112.00	6.000
33	11: 9:59	1.833	263.000	112.00	10.000
34	11:15: 0	1.917	273.000	112.00	10.000
35	11:20: 0	2.000	279.000	112.00	6.000
	FINAL SHUT-IN PERIOD				
36	11:23: 0	2.050	371.000	112.00	92.000
37	11:26: 0	2.100	404.000	112.00	33.000
38	11:29: 0	2.150	423.000	112.00	19.000
39	11:32: 0	2.200	438.000	112.00	15.000
40	11:35: 0	2.250	450.000	112.00	12.000
41	11:38: 0	2.300	459.000	112.00	9.000
42	11:41: 0	2.350	471.000	112.00	12.000
43	11:44: 0	2.400	481.000	112.00	10.000
44	11:47: 0	2.450	492.000	112.00	11.000
45	11:50: 0	2.500	500.000	112.00	8.000
46	11:53: 0	2.550	508.000	112.00	8.000
47	11:56: 0	2.600	518.000	112.00	10.000
48	11:59: 0	2.650	524.000	112.00	6.000

COMPANY : JAY BOY OIL INC.
WELL : 2
GAUGE # : 10270
DATE : 7/ 1/91

FIELD : NICHOLSON
JOB # : 16762
DEPTH : 3760
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	12: 2: 0	2.700	530.000	112.00	6.000
50	12: 5: 0	2.750	534.000	112.00	4.000
51	12: 8: 0	2.800	538.000	112.00	4.000
52	12:11: 0	2.850	546.000	112.00	8.000
53	12:14: 0	2.900	550.000	112.00	4.000
54	12:17: 0	2.950	556.000	112.00	6.000
55	12:20: 0	3.000	560.000	112.00	4.000

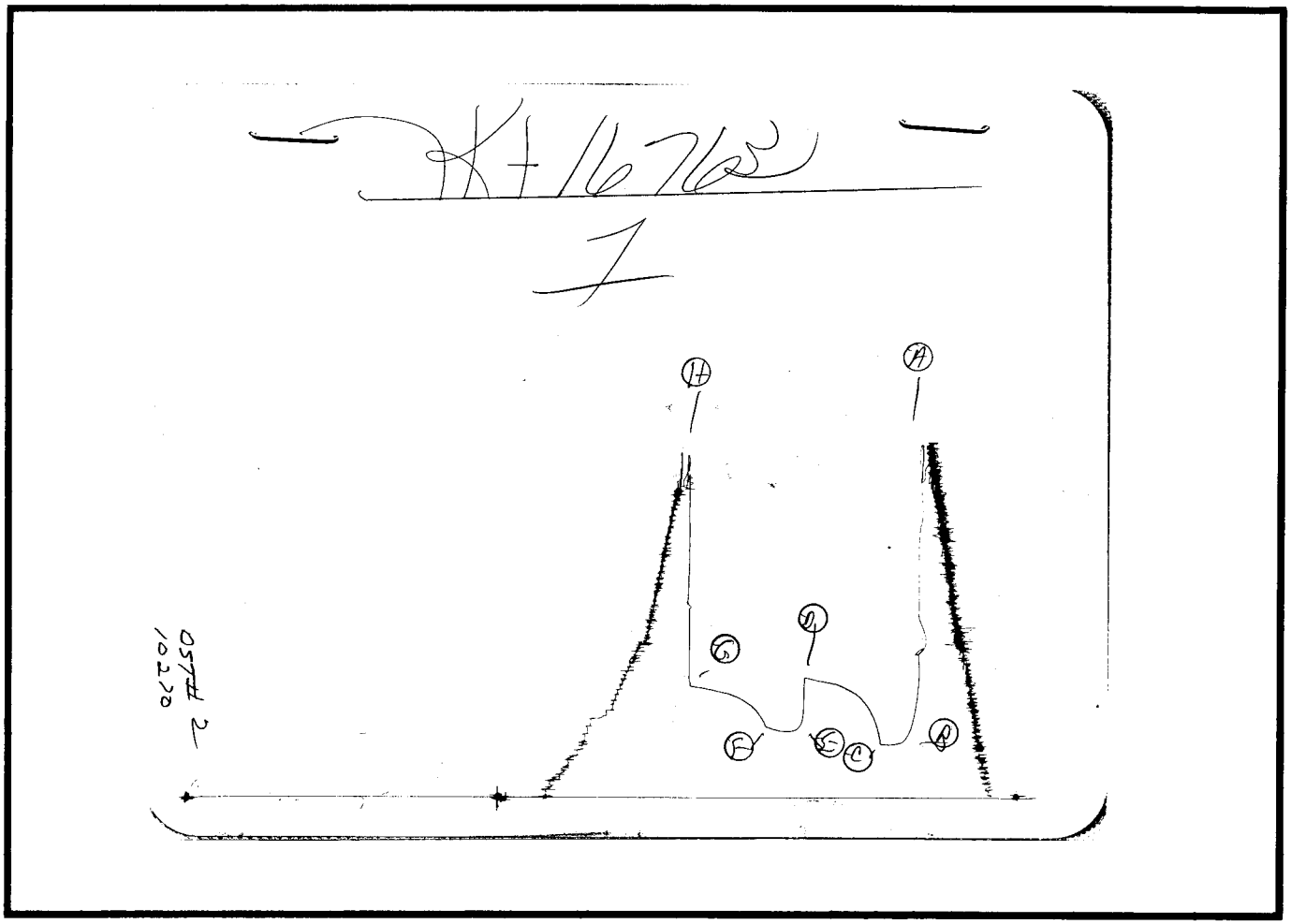
WESTERN TESTING CO. INC.

GAS FLOW REPORT

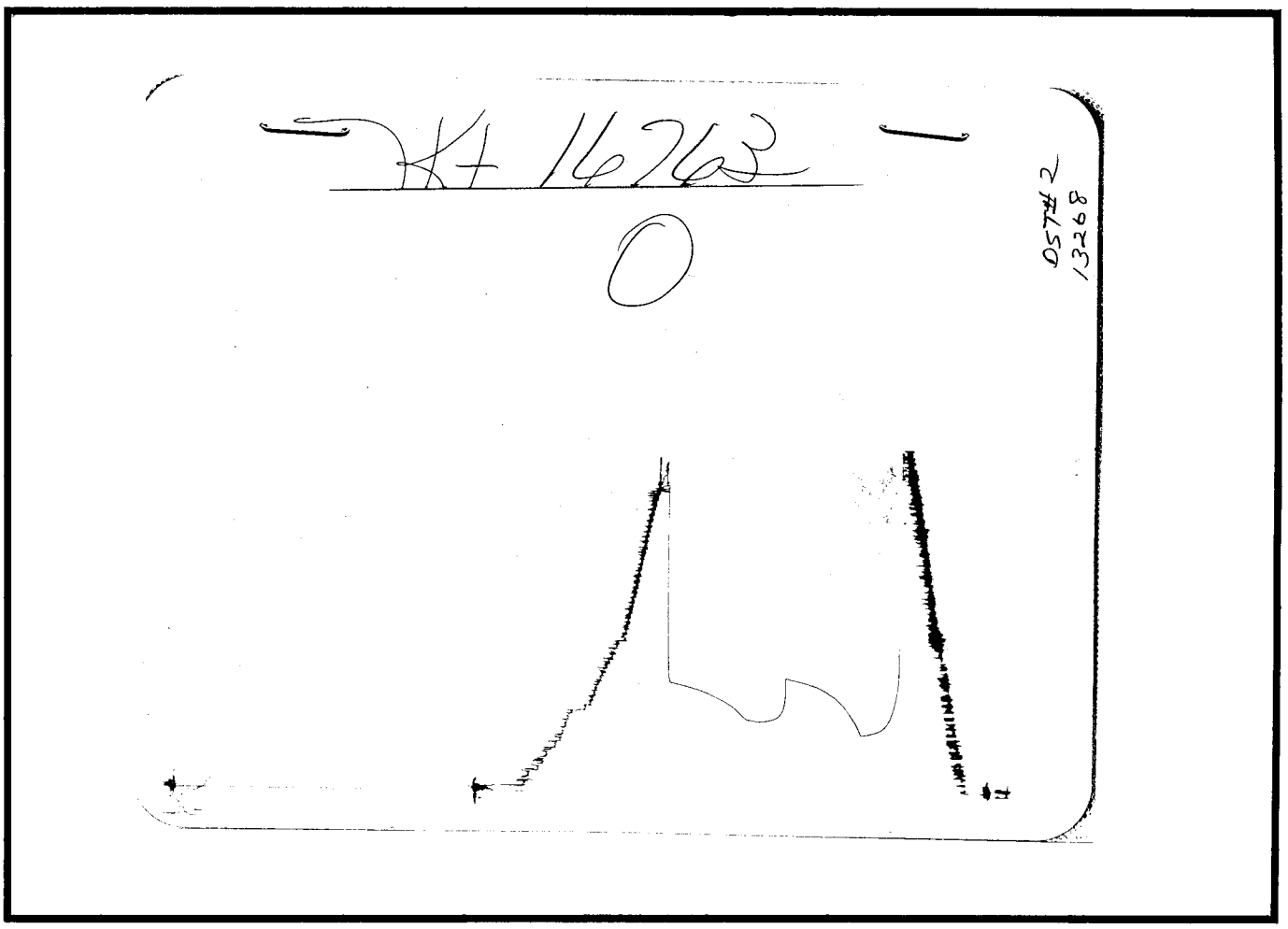
ate : 1-7-91 Ticket # : 16762
ustomer : JAY BOY OIL INC. Lease : NICHOLSON
ell : 2 Test : 1 Geologist : K. GREENWOOD
levation (KB) : 2401 Formation : ARBUCKLE
ection : 24 Township : 20S
ange : 16W County : PAWNEE State : KANSAS
auge SN # : 10270 Range : 4150 Clock : 12

IME GAUGE (MIN)	TESTER TYPE	ORFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
		PRE FLOW		
3 MIN.	MERLA	1/2"		GAS TO SURFACE
5 MIN.	MERLA	1/2"	6 PSIG	86300 C.F.P.D.
15 MIN.	MERLA	1/2"	7 PSIG	94500 C.F.P.D.
25 MIN.	MERLA	1/2"	3.5 PSIG	64000 C.F.P.D.
30 MIN.	MERLA	1/2"	2.5 PSIG	53400 C.F.P.D.
		SECOND FLOW		
5 MIN.	MERLA	1/4"	17"WTR	6930 C.F.P.D.
15 MIN.	MERLA	1/4"	22"WTR	7880 C.F.P.D.
25 MIN.	MERLA	1/4"	11"WTR	5600 C.F.P.D.
30 MIN.	MERLA	1/4"	10"WTR	5320 C.F.P.D.

Gas Bottle SN # :
Date Bottle Filled : 1-7-91
Date to be Invoiced : 1-7-91

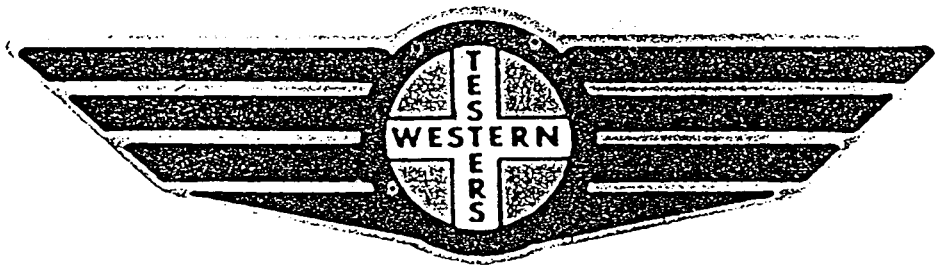


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

COMPANY JAY BOY OIL, INC. LEASE & WELL NO. NICHOLSON #2 SEC. 24 TWP. 20S RGE. 16W TEST NO. 2 DATE 1/7/91

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 1-7-91			TICKET	: 16763
CUSTOMER	: JAY BOY OIL INC.			LEASE	: NICHOLSON
WELL	: 2	TEST: 2		GEOLOGIST	: K. GREENWOOD
ELEVATION	: 2041 K.B.			FORMATION	: ARBUCKLE
SECTION	: 24			TOWNSHIP	: 20S
RANGE	: 16W	COUNTY :	PAWNEE	STATE	: KANSAS
GAUGE SN#	: 10270	RANGE :	4150	CLOCK	: 12

INTERVAL FROM	: 3764	TO	: 3775	TOTAL DEPTH	: 3775
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3759	SIZE	: 6.63		
PACKER DEPTH	: 3764	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: ALLEN RIG 3		
MUD TYPE	: CHEMICAL	VISCOSITY	: 65
WEIGHT	: 9.4	WATER LOSS (CC)	: 9.6
CHLORIDES (PPM)	: 6000		
JARS-MAKE	:	SERIAL NUMBER	:
DID WELL FLOW ?	: GAS	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	: 3744	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 20	FT	TOOL SIZE	: 5.50	
ANCHOR LENGTH	: 11	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 STRONG BLOW
BLOW COMMENT #2 : GAS TO SURFACE IN 2 MINUTES.
BLOW COMMENT #3 : FINAL FLOW PERIOD GAS TO SURFACE.
BLOW COMMENT #4 :

RECOVERED	: 660	FT	OF:	CLEAN OIL-GRAVITY 36 CORRECTED
RECOVERED	: 120	FT	OF:	OIL & GAS CUT WATERY MUD
RECOVERED	: 0	FT	OF:	10%OIL:20%GAS:30%WATER:40%MUD
RECOVERED	: 240	FT	OF:	WATER
RECOVERED	: 0	FT	OF:	CHLORIDES 29000 P.P.M.

Total Barrels Fluid	=	14.31	
Total Fluid Prod Rate	=	343.36	BFPD
Indicated Oil Rate	=	226.22	BOPD
Indicated Wtr Rate	=	92.91	BWPD
Corrected Oil Rate	=	81.91	BOPD
Corrected Wtr Rate	=	33.64	BWPD

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

SET PACKER(S) : 9:30 P.M. TIME STARTED OFF BOTTOM : 12:30 A.M.
WELL TEMPERATURE : 111

INITIAL HYDROSTATIC PRESSURE			(A)	1920		
INITIAL FLOW PERIOD	MIN:	30	(B)	317	PSI TO (C) :	307
INITIAL CLOSED IN PERIOD	MIN:	60	(D)	692		
FINAL FLOW PERIOD	MIN:	30	(E)	383	PSI TO (F) :	406
FINAL CLOSED IN PERIOD	MIN:	60	(G)	643		
FINAL HYDROSTATIC PRESSURE			(H)	1858		

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY	: JAY BOY OIL INC.
RIG	: PAWNEE-KANSAS
FIELD	: NICHOLSON
WELL	: 2
DATE	: 1-7-91
GAUGE NO	: 10270

OPERATIONAL COMMENTS

COMPANY : JAY BOY OIL INC.
WELL : 2
GAUGE # : 10270
DATE : 7/ 1/91

FIELD : NICHOLSON
JOB # : 16763
DEPTH : 3775
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	9:30: 0	0.000	317.000	111.00	0.000
3	9:34:59	0.083	317.000	111.00	0.000
4	9:40: 0	0.167	317.000	111.00	0.000
5	9:45: 0	0.250	313.000	111.00	-4.000
6	9:49:59	0.333	307.000	111.00	-6.000
7	9:55: 0	0.417	307.000	111.00	0.000
8	10: 0: 0	0.500	307.000	111.00	0.000
	INITIAL SHUT-IN PERIOD				
9	10: 3: 0	0.550	397.000	111.00	90.000
10	10: 6: 0	0.600	454.000	111.00	57.000
11	10: 9: 0	0.650	500.000	111.00	46.000
12	10:12: 0	0.700	533.000	111.00	33.000
13	10:15: 0	0.750	562.000	111.00	29.000
14	10:18: 0	0.800	583.000	111.00	21.000
15	10:21: 0	0.850	601.000	111.00	18.000
16	10:24: 0	0.900	612.000	111.00	11.000
17	10:27: 0	0.950	626.000	111.00	14.000
18	10:30: 0	1.000	635.000	111.00	9.000
19	10:33: 0	1.050	646.000	111.00	11.000
20	10:36: 0	1.100	654.000	111.00	8.000
21	10:39: 0	1.150	658.000	111.00	4.000
22	10:42: 0	1.200	664.000	111.00	6.000
23	10:45: 0	1.250	669.000	111.00	5.000
24	10:48: 0	1.300	672.000	111.00	3.000
25	10:51: 0	1.350	676.000	111.00	4.000
26	10:54: 0	1.400	683.000	111.00	7.000
27	10:57: 0	1.450	688.000	111.00	5.000
28	11: 0: 0	1.500	692.000	111.00	4.000
	FINAL FLOW PERIOD				
29	11: 1: 0	1.517	383.000	111.00	-309.000
30	11: 4:59	1.583	383.000	111.00	0.000
31	11:10: 0	1.667	383.000	111.00	0.000
32	11:15: 0	1.750	383.000	111.00	0.000
33	11:19:59	1.833	387.000	111.00	4.000
34	11:25: 0	1.917	398.000	111.00	11.000
35	11:30: 0	2.000	406.000	111.00	8.000
	FINAL SHUT-IN PERIOD				
36	11:33: 0	2.050	449.000	111.00	43.000
37	11:36: 0	2.100	484.000	111.00	35.000
38	11:39: 0	2.150	508.000	111.00	24.000
39	11:42: 0	2.200	530.000	111.00	22.000
40	11:45: 0	2.250	543.000	111.00	13.000
41	11:48: 0	2.300	558.000	111.00	15.000
42	11:51: 0	2.350	571.000	111.00	13.000
43	11:54: 0	2.400	582.000	111.00	11.000
44	11:57: 0	2.450	589.000	111.00	7.000
45	12: 0: 0	2.500	599.000	111.00	10.000
46	12: 3: 0	2.550	604.000	111.00	5.000
47	12: 6: 0	2.600	607.000	111.00	3.000
48	12: 9: 0	2.650	612.000	111.00	5.000

COMPANY : JAY BOY OIL INC.
WELL : 2
GAUGE # : 10270
DATE : 7/ 1/91

FIELD : NICHOLSON
JOB # : 16763
DEPTH : 3775
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	12:12: 0	2.700	617.000	111.00	5.000
50	12:15: 0	2.750	623.000	111.00	6.000
51	12:18: 0	2.800	629.000	111.00	6.000
52	12:21: 0	2.850	634.000	111.00	5.000
53	12:24: 0	2.900	637.000	111.00	3.000
54	12:27: 0	2.950	641.000	111.00	4.000
55	12:30: 0	3.000	643.000	111.00	2.000

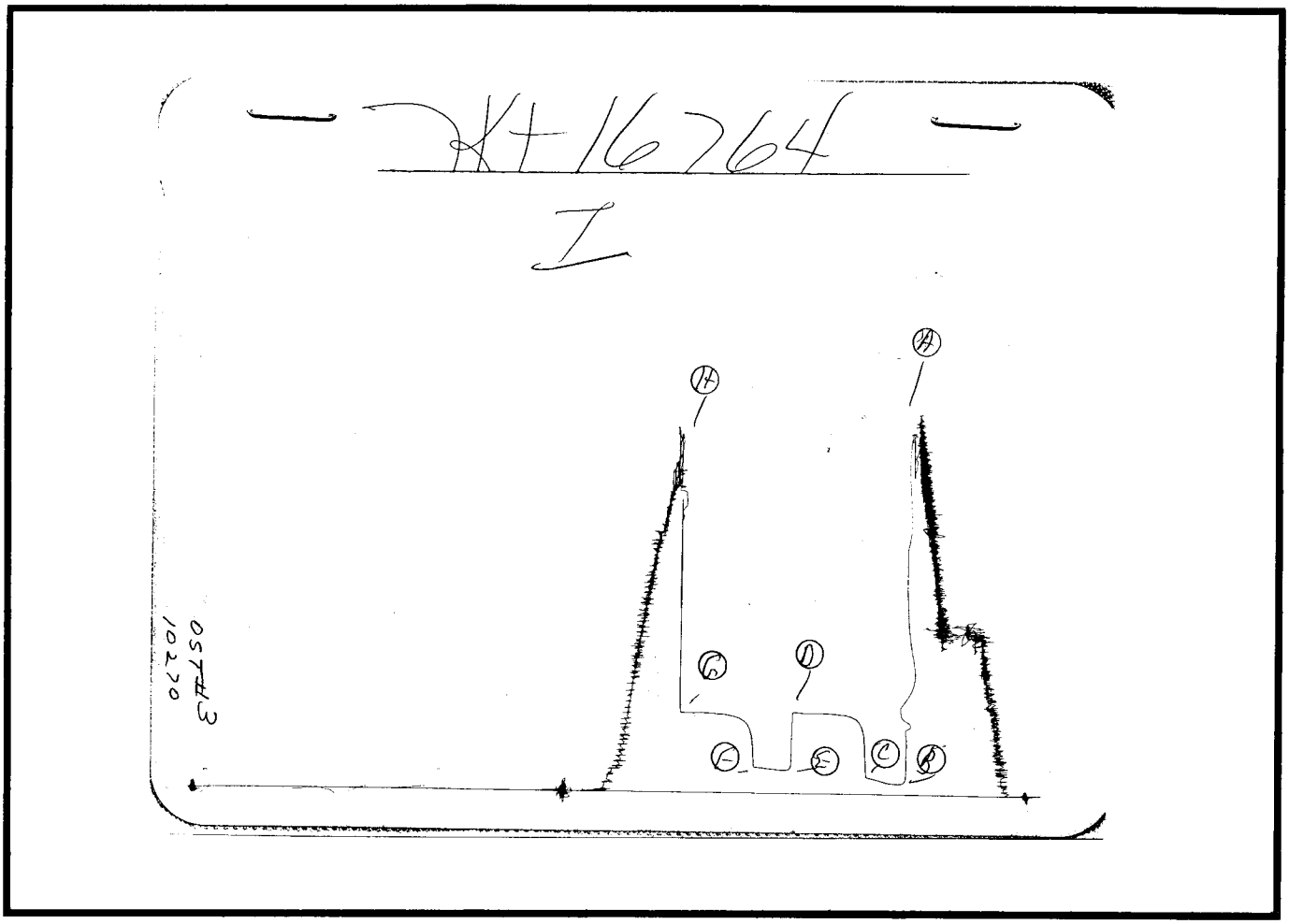
WESTERN TESTING CO. INC.

GAS FLOW REPORT

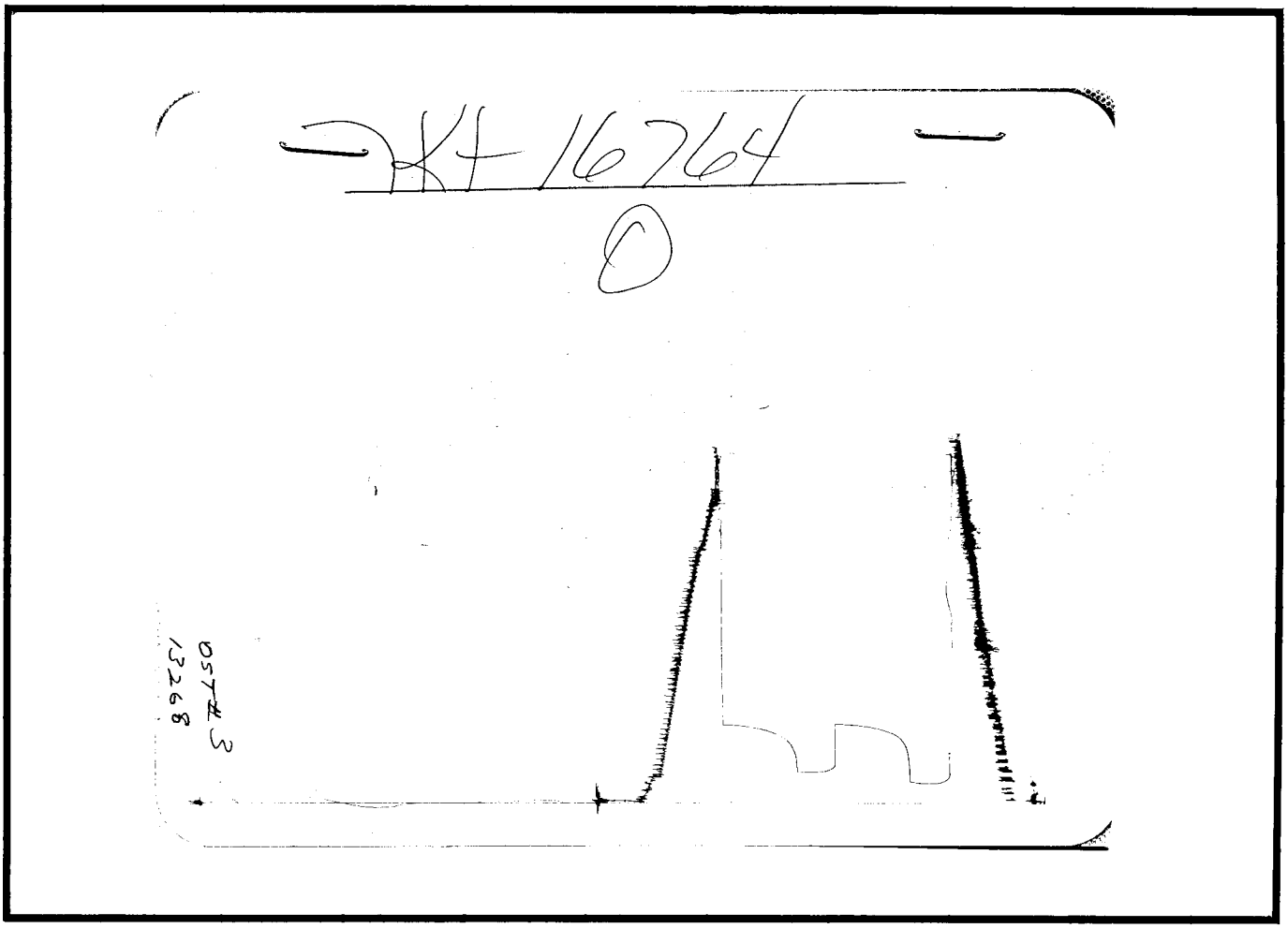
Date : 1-7-91 Ticket # : 16763
Customer : JAY BOY OIL INC. Lease : NICHOLSON
Well : 2 Test : 2 Geologist : K. GREENWOOD
Elevation (KB) : 2041 Formation : ARBUCKLE
Section : 24 Township : 20S
Range : 16W County : PAWNEE State : KANSAS
Gauge SN # : 10270 Range : 4150 Clock : 12

TIME GAUGE (MIN)	TESTER TYPE	ORFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
		PRE FLOW		
2 MIN.	MERLA	1"		GAS TO SURFACE
10 MIN.	MERLA	1"	18 PSIG	687000 C.F.P.D.
20 MIN.	MERLA	1"	2 PSIG	195000 C.F.P.D.
30 MIN.	MERLA	3/4"	4 PSIG	156000 C.F.P.D.
		SECOND FLOW		
10 MIN.	MERLA	1/2"	4 PSIG	68800 C.F.P.D.
20 MIN.	MERLA	1/2"	2 PSIG	47700 C.F.P.D.
30 MIN.	MERLA	1/4"	10 PSIG	30800 C.F.P.D.

Gas Bottle SN # :
Date Bottle Filled : 1-7-91
Date to be Invoiced : 1-7-91

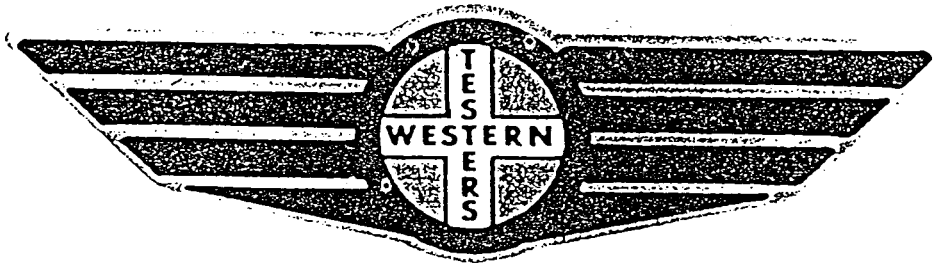


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

COMPANY JAY BOY OIL, INC. LEASE & WELL NO. NICHOLSON #2 SEC. 24 TWP. 20S RGE. 16W TEST NO. 3 DATE 1/8/91

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 01-08-91			TICKET	: 16764
CUSTOMER	: JAY BOY OIL INC.			LEASE	: NICHOLSON
WELL	: #2 TEST: 3			GEOLOGIST	: K. GREENWOOD
ELEVATION	: 2041 K.B.			FORMATION	: ARBUCKLE
SECTION	: 24			TOWNSHIP	: 20S
RANGE	: 16W	COUNTY :	PAWNEE	STATE	: KANSAS
GAUGE SN#	: 10270	RANGE :	4150	CLOCK	: 12

INTERVAL FROM	: 3779	TO	: 3790	TOTAL DEPTH	: 3790
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3774	SIZE	: 6.63		
PACKER DEPTH	: 3779	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: ALLEN DRLG #3		
MUD TYPE	: CHEMICAL	VISCOSITY	: 63
WEIGHT	: 9.1	WATER LOSS (CC)	: 9.6
CHLORIDES (PPM)	: 6000		
JARS-MAKE	:	SERIAL NUMBER	:
DID WELL FLOW ?	: GAS	REVERSED OUT ?	:

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	: 0.00	
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00	
DRILL PIPE LENGTH	: 3759	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 20	FT	TOOL SIZE	: 5.50	
ANCHOR LENGTH	: 11	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 : STRONG BLOW THROUGHOUT TEST.
BLOW COMMENT #2 :
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED	: 80	FT	OF:	HEAVY OIL & GAS CUT WATERY MUD
RECOVERED	: 0	FT	OF:	25%OIL 7%GAS 18%WATER 50%MUD
RECOVERED	: 60	FT	OF:	OIL CUT MUDDY WATER
RECOVERED	: 0	FT	OF:	10%OIL:15%MUD:75%WATER
RECOVERED	: 180	FT	OF:	SLIGHTLY OIL CUT WATER-1%OIL:99%WTR
RECOVERED	: 0	FT	OF:	CHLORIDES 26000 P.P.M.

Total Barrels Fluid	=	4.49
Total Fluid Prod Rate	=	107.72 BFPD
Indicated Oil Rate	=	9.36 BOPD
Indicated Wtr Rate	=	79.98 BWPD
Corrected Oil Rate	=	77.26 BOPD
Corrected Wtr Rate	=	660.28 BWPD

REMARK 1 :
REMARK 2 : GAS TO SURFACE APPROX. 15 MINUTES
REMARK 3 : INTO FINAL SHUT-IN.
REMARK 4 :

SET PACKER(S) : 11:40 A.M. TIME STARTED OFF BOTTOM : 2:40 P.M.
WELL TEMPERATURE : 115

INITIAL HYDROSTATIC PRESSURE			(A)	1972		
INITIAL FLOW PERIOD	MIN:	30	(B)	62	PSI TO (C) :	98
INITIAL CLOSED IN PERIOD	MIN:	60	(D)	469		
FINAL FLOW PERIOD	MIN:	30	(E)	135	PSI TO (F) :	148
FINAL CLOSED IN PERIOD	MIN:	60	(G)	462		
FINAL HYDROSTATIC PRESSURE			(H)	1940		

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY	: JAY BOY OIL INC.
RIG	: PAWNEE-KANSAS
FIELD	: NICHOLSON
WELL	: #2
DATE	: 01-08-91
GAUGE NO	: 10270

OPERATIONAL COMMENTS

GAS TO SURFACE APPROX. 15 MINUTES
INTO FINAL SHUT-IN.

COMPANY : JAY BOY OIL INC.
WELL : #2
GAUGE # : 10270
DATE : 8/ 1/91

FIELD : NICHOLSON
JOB # : 16764
DEPTH : 3790
TEST :

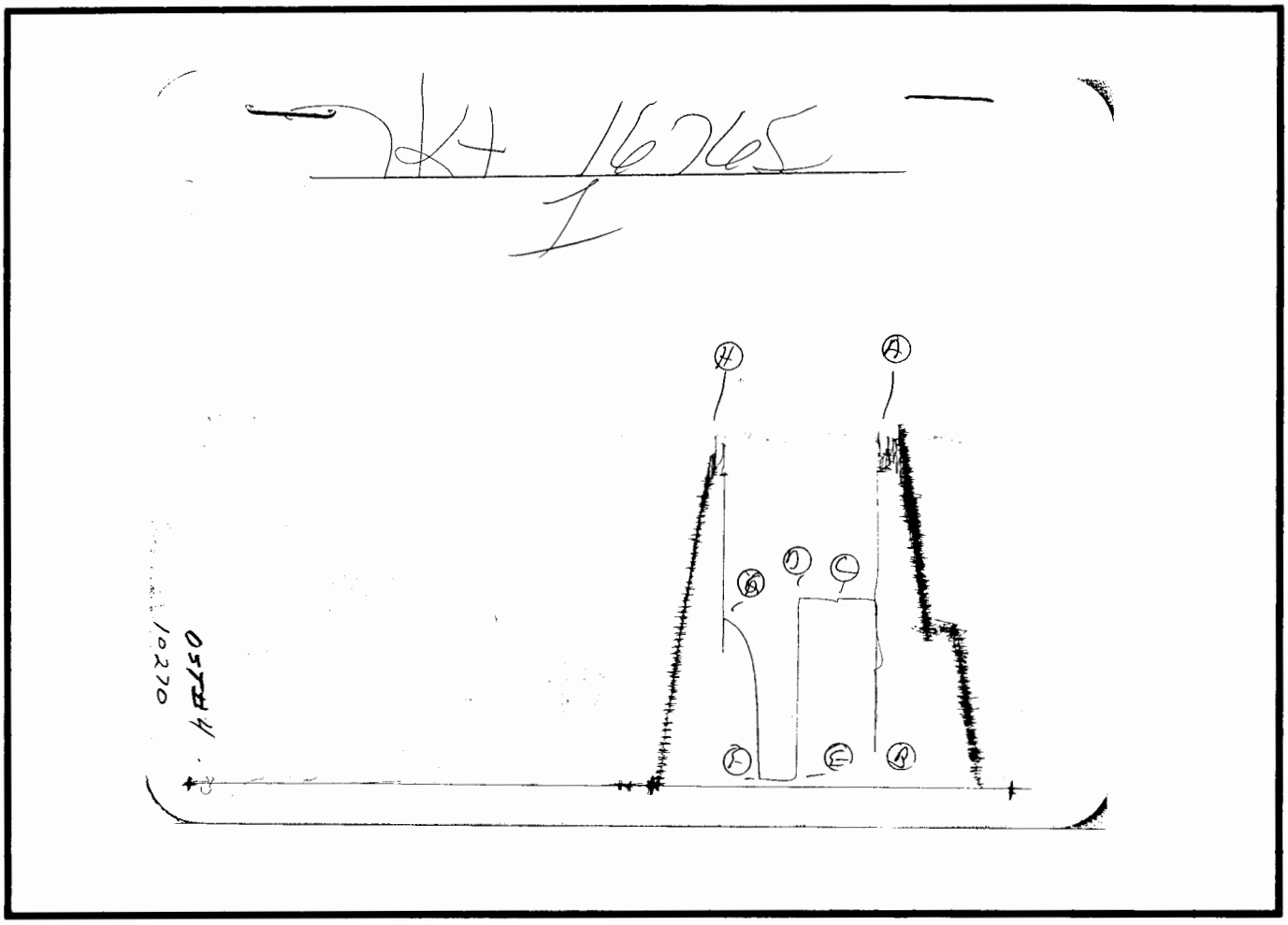
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
	INITIAL FLOW PERIOD				
2	11:40: 0	0.000	62.000	115.00	0.000
3	11:44:59	0.083	62.000	115.00	0.000
4	11:50: 0	0.167	62.000	115.00	0.000
5	11:55: 0	0.250	67.000	115.00	5.000
6	11:59:59	0.333	77.000	115.00	10.000
7	12: 5: 0	0.417	88.000	115.00	11.000
8	12:10: 0	0.500	98.000	115.00	10.000
	INITIAL SHUT-IN PERIOD				
9	12:13: 0	0.550	347.000	115.00	249.000
10	12:16: 0	0.600	403.000	115.00	56.000
11	12:19: 0	0.650	429.000	115.00	26.000
12	12:22: 0	0.700	441.000	115.00	12.000
13	12:25: 0	0.750	449.000	115.00	8.000
14	12:28: 0	0.800	453.000	115.00	4.000
15	12:31: 0	0.850	456.000	115.00	3.000
16	12:34: 0	0.900	458.000	115.00	2.000
17	12:37: 0	0.950	461.000	115.00	3.000
18	12:40: 0	1.000	463.000	115.00	2.000
19	12:43: 0	1.050	464.000	115.00	1.000
20	12:46: 0	1.100	465.000	115.00	1.000
21	12:49: 0	1.150	466.000	115.00	1.000
22	12:52: 0	1.200	466.000	115.00	0.000
23	12:55: 0	1.250	466.000	115.00	0.000
24	12:58: 0	1.300	466.000	115.00	0.000
25	13: 1: 0	1.350	467.000	115.00	1.000
26	13: 4: 0	1.400	468.000	115.00	1.000
27	13: 7: 0	1.450	469.000	115.00	1.000
28	13:10: 0	1.500	469.000	115.00	0.000
	FINAL FLOW PERIOD				
29	13:11: 0	1.517	135.000	115.00	-334.000
30	13:14:59	1.583	135.000	115.00	0.000
31	13:20: 0	1.667	135.000	115.00	0.000
32	13:25: 0	1.750	141.000	115.00	6.000
33	13:29:59	1.833	144.000	115.00	3.000
34	13:35: 0	1.917	146.000	115.00	2.000
35	13:40: 0	2.000	148.000	115.00	2.000
	FINAL SHUT-IN PERIOD				
36	13:43: 0	2.050	352.000	115.00	204.000
37	13:46: 0	2.100	401.000	115.00	49.000
38	13:49: 0	2.150	419.000	115.00	18.000
39	13:52: 0	2.200	433.000	115.00	14.000
40	13:55: 0	2.250	440.000	115.00	7.000
41	13:58: 0	2.300	445.000	115.00	5.000
42	14: 1: 0	2.350	451.000	115.00	6.000
43	14: 4: 0	2.400	453.000	115.00	2.000
44	14: 7: 0	2.450	455.000	115.00	2.000
45	14:10: 0	2.500	457.000	115.00	2.000
46	14:13: 0	2.550	459.000	115.00	2.000
47	14:16: 0	2.600	460.000	115.00	1.000
48	14:19: 0	2.650	461.000	115.00	1.000

COMPANY : JAY BOY OIL INC.
WELL : #2
GAUGE # : 10270
DATE : 8/ 1/91

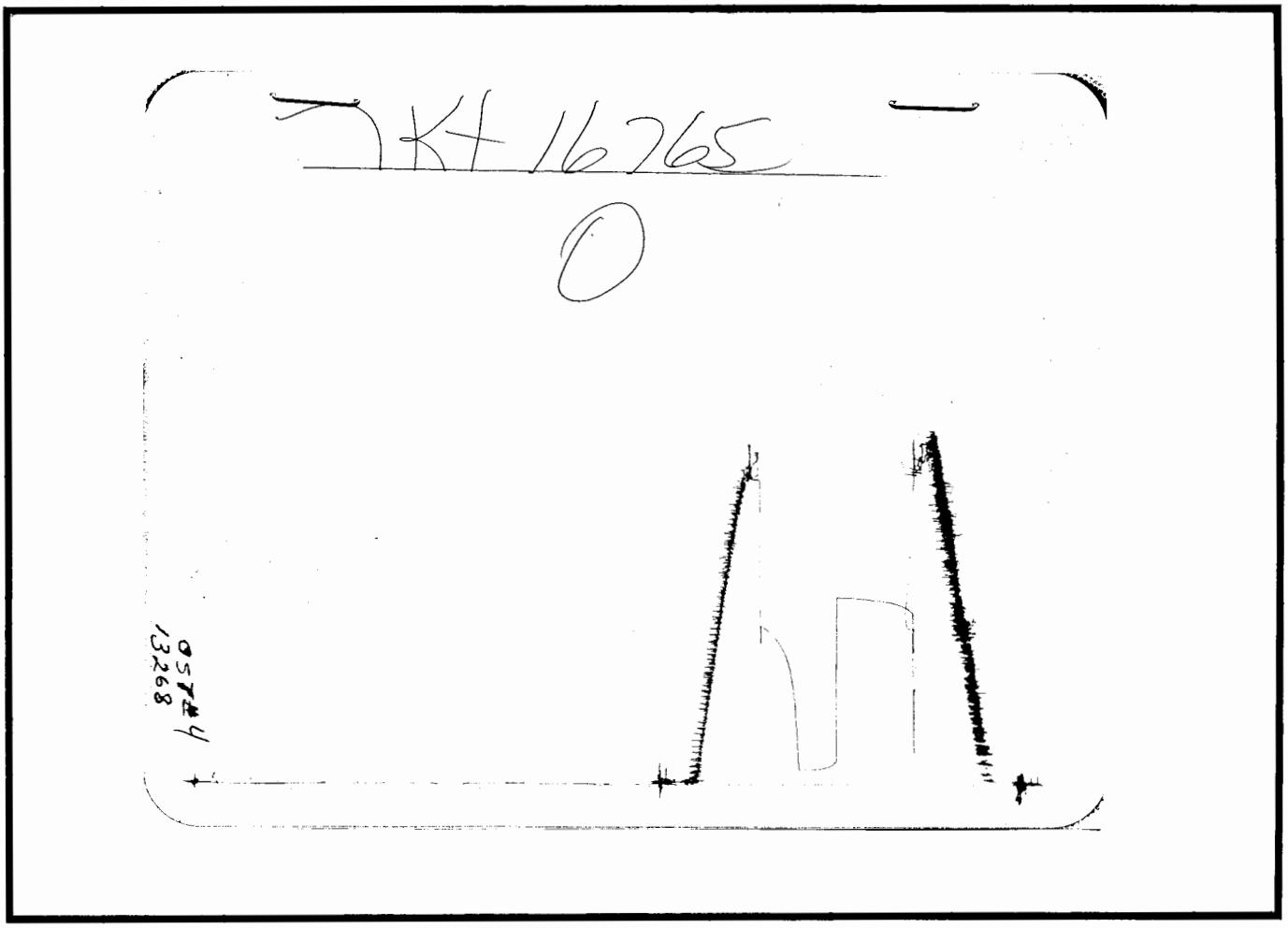
FIELD : NICHOLSON
JOB # : 16764
DEPTH : 3790
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	14:22: 0	2.700	462.000	115.00	1.000
50	14:25: 0	2.750	462.000	115.00	0.000
51	14:28: 0	2.800	462.000	115.00	0.000
52	14:31: 0	2.850	462.000	115.00	0.000
53	14:34: 0	2.900	462.000	115.00	0.000
54	14:37: 0	2.950	462.000	115.00	0.000
55	14:40: 0	3.000	462.000	115.00	0.000

WESTERN TESTING CO. INC.

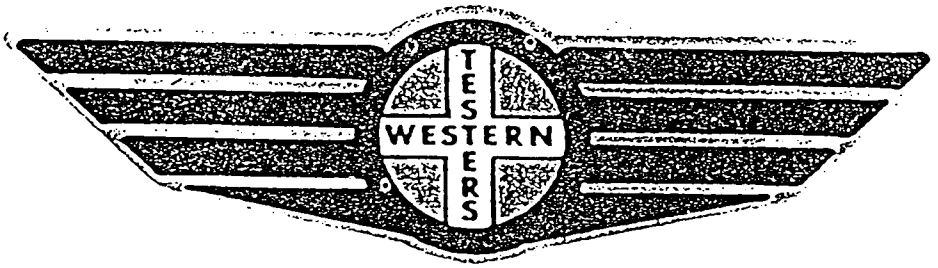


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

COMPANY JAY BOY OIL, INC. LEASE & WELL NO. NICHOLSON #2 SEC. 24 TWP. 20S RGE. 16W TEST NO. 4 DATE 1/8/91

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 01-08-91			TICKET	: 16765
CUSTOMER	: JAY BOY OIL INC.			LEASE	: NICHOLSON
WELL	: #2 TEST: 4			GEOLOGIST	: K. GREENWOOD
ELEVATION	: 2041 K.B.			FORMATION	: ARBUCKLE
SECTION	: 24			TOWNSHIP	: 20S
RANGE	: 16S	COUNTY	: PAWNEE	STATE	: KANSAS
GAUGE SN#	: 10270	RANGE	: 4150	CLOCK	: 12

INTERVAL FROM	: 3798	TO	: 3809	TOTAL DEPTH	: 3809
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3793	SIZE	: 6.63		
PACKER DEPTH	: 3798	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: ALLEN #2		
MUD TYPE	: CHEMICAL	VISCOSITY	: 67
WEIGHT	: 9.2	WATER LOSS (CC)	: 12
CHLORIDES (PPM)	: 10000		
JARS-MAKE	:	SERIAL NUMBER	:
DID WELL FLOW ?	:	REVERSED OUT ?	:

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	: 0.00	
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00	
DRILL PIPE LENGTH	: 3778	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 20	FT	TOOL SIZE	: 5.50	
ANCHOR LENGTH	: 11	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 : VERY WEAK BLOW DIED IN 20 MINUTES - INITIAL
BLOW COMMENT #2 : FLOW PERIOD. WEAK BUILDING TO A STRONG BLOW
BLOW COMMENT #3 : IN 15 MINUTES ON FINAL FLOW PERIOD.
BLOW COMMENT #4 :

RECOVERED : 80 FT OF: SLI OIL CUT MUDDY WATER
RECOVERED : 0 FT OF: 1%OIL 24% MUD 75% WATER

Total Barrels Fluid = 1.12
Total Fluid Prod Rate = 26.93 BFPD
Indicated Oil Rate = 0.27 BOPD
Indicated Wtr Rate = 20.20 BWPD
Corrected Oil Rate = 133.85 BOPD

REMARK 1 :
REMARK 2 : RECOVERED 100 FT. OF GAS ABOVE FLUID
REMARK 3 : CHLORIDES 25000 P.P.M.
REMARK 4 :

SET PACKER(S) : 12:40 AM TIME STARTED OFF BOTTOM : 2:40 AM
WELL TEMPERATURE : 116

INITIAL HYDROSTATIC PRESSURE			(A)	1939	
INITIAL FLOW PERIOD	MIN:	30	(B)	193	PSI TO (C) : 1088
INITIAL CLOSED IN PERIOD	MIN:	30	(D)	1088	
FINAL FLOW PERIOD	MIN:	30	(E)	37	PSI TO (F) : 44
FINAL CLOSED IN PERIOD	MIN:	30	(G)	967	
FINAL HYDROSTATIC PRESSURE			(H)	1896	

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY	: JAY BOY OIL INC.
RIG	: PAWNEE-KANSAS
FIELD	: NICHOLSON
WELL	: #2
DATE	: 01-08-91
GAUGE NO	: 10270

OPERATIONAL COMMENTS

RECOVERED 100 FT. OF GAS ABOVE FLUID
CHLORIDES 25000 P.P.M.

COMPANY : JAY BOY OIL INC.
WELL : 2
GAUGE # : 10270
DATE : 7/ 1/91

FIELD : NICHOLSON
JOB # : 16763
DEPTH : 3775
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	12:12: 0	2.700	617.000	111.00	5.000
50	12:15: 0	2.750	623.000	111.00	6.000
51	12:18: 0	2.800	629.000	111.00	6.000
52	12:21: 0	2.850	634.000	111.00	5.000
53	12:24: 0	2.900	637.000	111.00	3.000
54	12:27: 0	2.950	641.000	111.00	4.000
55	12:30: 0	3.000	643.000	111.00	2.000

WESTERN TESTING CO. INC.

COMPANY : JAY BOY OIL INC.
WELL : #2
GAUGE # : 10270
DATE : 8/ 1/91

FIELD : NICHOLSON
JOB # : 16764
DEPTH : 3790
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	11:40: 0	0.000	62.000	115.00	0.000
3	11:44:59	0.083	62.000	115.00	0.000
4	11:50: 0	0.167	62.000	115.00	0.000
5	11:55: 0	0.250	67.000	115.00	5.000
6	11:59:59	0.333	77.000	115.00	10.000
7	12: 5: 0	0.417	88.000	115.00	11.000
8	12:10: 0	0.500	98.000	115.00	10.000
	INITIAL SHUT-IN PERIOD				
9	12:13: 0	0.550	347.000	115.00	249.000
10	12:16: 0	0.600	403.000	115.00	56.000
11	12:19: 0	0.650	429.000	115.00	26.000
12	12:22: 0	0.700	441.000	115.00	12.000
13	12:25: 0	0.750	449.000	115.00	8.000
14	12:28: 0	0.800	453.000	115.00	4.000
15	12:31: 0	0.850	456.000	115.00	3.000
16	12:34: 0	0.900	458.000	115.00	2.000
17	12:37: 0	0.950	461.000	115.00	3.000
18	12:40: 0	1.000	463.000	115.00	2.000
19	12:43: 0	1.050	464.000	115.00	1.000
20	12:46: 0	1.100	465.000	115.00	1.000
21	12:49: 0	1.150	466.000	115.00	1.000
22	12:52: 0	1.200	466.000	115.00	0.000
23	12:55: 0	1.250	466.000	115.00	0.000
24	12:58: 0	1.300	466.000	115.00	0.000
25	13: 1: 0	1.350	467.000	115.00	1.000
26	13: 4: 0	1.400	468.000	115.00	1.000
27	13: 7: 0	1.450	469.000	115.00	1.000
28	13:10: 0	1.500	469.000	115.00	0.000
	FINAL FLOW PERIOD				
29	13:11: 0	1.517	135.000	115.00	-334.000
30	13:14:59	1.583	135.000	115.00	0.000
31	13:20: 0	1.667	135.000	115.00	0.000
32	13:25: 0	1.750	141.000	115.00	6.000
33	13:29:59	1.833	144.000	115.00	3.000
34	13:35: 0	1.917	146.000	115.00	2.000
35	13:40: 0	2.000	148.000	115.00	2.000
	FINAL SHUT-IN PERIOD				
36	13:43: 0	2.050	352.000	115.00	204.000
37	13:46: 0	2.100	401.000	115.00	49.000
38	13:49: 0	2.150	419.000	115.00	18.000
39	13:52: 0	2.200	433.000	115.00	14.000
40	13:55: 0	2.250	440.000	115.00	7.000
41	13:58: 0	2.300	445.000	115.00	5.000
42	14: 1: 0	2.350	451.000	115.00	6.000
43	14: 4: 0	2.400	453.000	115.00	2.000
44	14: 7: 0	2.450	455.000	115.00	2.000
45	14:10: 0	2.500	457.000	115.00	2.000
46	14:13: 0	2.550	459.000	115.00	2.000
47	14:16: 0	2.600	460.000	115.00	1.000
48	14:19: 0	2.650	461.000	115.00	1.000