

Computer Inventoried

# FORMATION TEST REPORT

JUN 11 1986  
KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

RECEIVED  
STATE CORPORATION COMMISSION

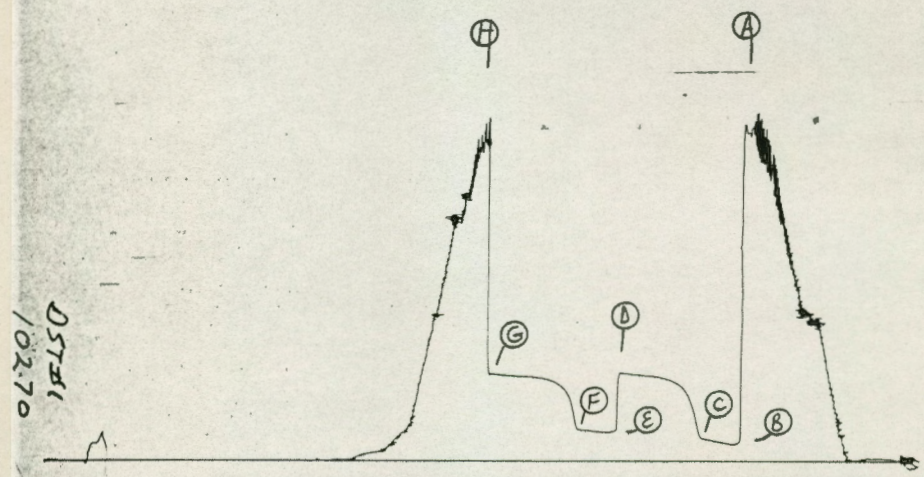
JUN 06 1986

CONSERVATION DIVISION  
Wichita, Kansas

COMPANY JAS OIL COMPANY, INC. LEASE & WELL NO. #1 HUNTER SEC. 25 TWP. 18S RGE. 14W TEST NO. 1 DATE 3/29/86

TKT # 11172

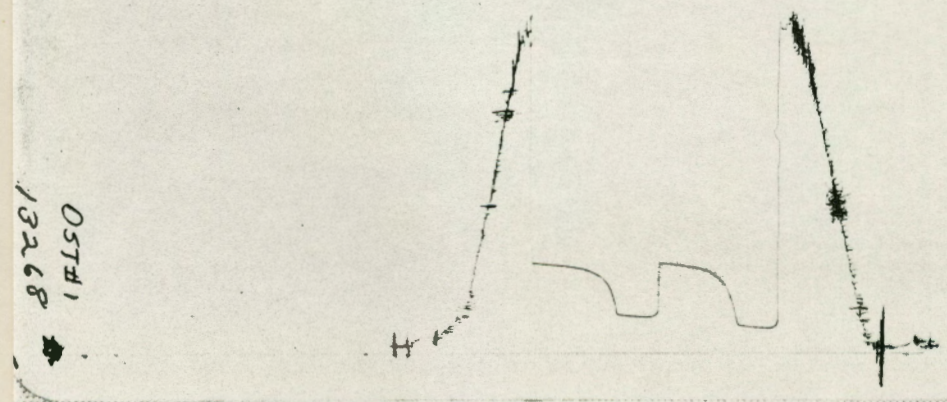
I



Inside Recorder

TKT # 11172

0



Outside Recorder

# FORMATION

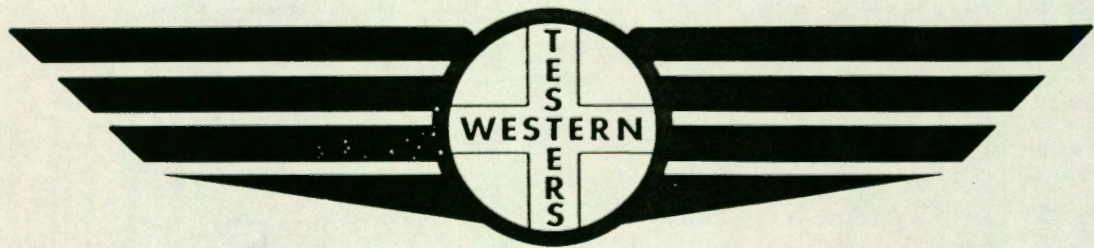
# TEST

# REPORT

*Ind*

JUN 11 1986

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY JAS OIL COMPANY, INC. LEASE & WELL NO. #1 HUNTER SEC. 25 TWP. 18S RGE. 14W TEST NO. 1 DATE 3/29/86

*SW NW NE*

SUBSURFACE PRESSURE SURVEY

DATE	: 3-29-86	TICKET	: 11172
CUSTOMER	: JAS OIL COMPANY INC.	LEASE	: HUNTER
WELL	: 1 TEST: 1	GEOLOGIST	: BARBER
ELEVATION	: 1904	FORMATION	: LANS-K.CITY
SECTION	: 25	TOWNSHIP	: 18S
RANGE	: 14W	COUNTY	: BARTON
GAUGE SN#	: 10270	RANGE	: 4150
		STATE	: KANSAS
		CLOCK	: 12

INTERVAL FROM	: 3180	TO	: 3245	TOTAL DEPTH	: 3245
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3175	SIZE	: 6 5/8		
PACKER DEPTH	: 3180	SIZE	: 6 5/8		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: DUKE DRLG		
MUD TYPE	: STARCH	VISCOSITY	: 44
WEIGHT	: 10.0	WATER LOSS (CC)	: 10.8
CHLORIDES (PPM)	: 76000		
JARS-MAKE	: WTC	SERIAL NUMBER	: 421
DID WELL FLOW ?	: NO	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	: 0.00
WEIGHT PIPE LENGTH	: 435	FT	I.D. inch	: 2.70
DRILL PIPE LENGTH	: 2719	FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 26	FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 65	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 WEAK BLOW BUILDING TO A  
 BLOW COMMENT #2 : STRONG BLOW IN 1 MINUTE. FINAL FLOW PERIOD  
 BLOW COMMENT #3 : STRONG BLOW.  
 BLOW COMMENT #4 :

RECOVERED	: 30	FT OF:	OIL & GAS CUT MUD.	0.21 Barrels
RECOVERED	: 0	FT OF:	(4%O; 14%G; 2%W; 80%M).	0.00 Barrels
RECOVERED	: 60	FT OF:	OIL & GAS CUT MUD.	0.42 Barrels
RECOVERED	: 0	FT OF:	(6%O; 20%G; 2%W; 72%M).	0.00 Barrels
RECOVERED	: 120	FT OF:	OIL & GAS CUT MUD.	0.85 Barrels
RECOVERED	: 0	FT OF:	(9%O; 29%G; 10%W; 52%M).	0.00 Barrels
RECOVERED	: 60	FT OF:	OIL & GAS CUT MDY WTR.	0.42 Barrels
RECOVERED	: 0	FT OF:	(6%O; 5%G; 25%M; 64%W).	0.00 Barrels
RECOVERED	: 0	FT OF:	CHLORIDES 87000 PPM.	0.00 Barrels
Total Barrels = 1.9		Total Production = 45.9 Bpd		

REMARK 1 : RECOVERED 150 FEET OF GAS ABOVE FLUID.  
 REMARK 2 :  
 REMARK 3 :  
 REMARK 4 :

SET PACKER(S)	: 5:50 PM	TIME STARTED OFF BOTTOM	: 8:50 PM
WELL TEMPERATURE	: 106		
INITIAL HYDROSTATIC PRESSURE		(A)	1775
INITIAL FLOW PERIOD	MIN: 30	(B)	91 PSI TO (C) : 118
INITIAL CLOSED IN PERIOD	MIN: 60	(D)	475
FINAL FLOW PERIOD	MIN: 30	(E)	156 PSI TO (F) : 166
FINAL CLOSED IN PERIOD	MIN: 66	(G)	470
FINAL HYDROSTATIC PRESSURE		(H)	1742

Pressure Transient Report

DATA FILE.....  
COMPANY.....JAS OIL COMPANY INC.  
DATE OF TEST.....3-29-86  
FIELD NAME.....HUNTER  
WELL NAME.....1  
LOCATION.....BARTON-KANSAS  
JOB NUMBER.....11172  
GAUGE NUMBER.....10270  
GAUGE DEPTH.....3245

COMMENTS  
RECOVERED 150 FEET OF GAS ABOVE FLUID.

START UP TIME	(mo/da/yr)	(hr:min:sec)
	3./29/86.	5.: 50.: 0.

COMPANY : JAS OIL COMPANY INC.  
 WELL : 1 JOB # : 11172  
 GAUGE # : 10270 DEPTH : 3245  
 MON/DAY : 3/29

FIELD : HUNTER

REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
1	5:50: 0	0 0.000	91.00	106.0	0.00	0.00
2	5:55: 0	5 0.083	91.00	106.0	0.00	0.00
3	6: 0: 0	10 0.167	92.00	106.0	1.00	12.01
4	6: 5: 0	15 0.250	99.00	106.0	8.00	84.08
5	6:10: 0	20 0.333	106.00	106.0	15.00	83.84
6	6:15: 0	25 0.417	113.00	106.0	22.00	84.08
7	6:20: 0	30 0.500	118.00	106.0	27.00	60.06
8	6:23: 0	33 0.550	216.00	106.0	125.00	1958.09
9	6:26: 0	36 0.600	287.00	106.0	196.00	1418.61
10	6:29: 0	39 0.650	346.00	106.0	255.00	1178.85
11	6:32: 0	42 0.700	382.00	106.0	291.00	719.30
12	6:35: 0	45 0.750	404.00	106.0	313.00	441.73
13	6:38: 0	48 0.800	418.00	106.0	327.00	279.73
14	6:41: 0	51 0.850	429.00	106.0	338.00	219.79
15	6:44: 0	54 0.900	437.00	106.0	346.00	159.84
16	6:47: 0	57 0.950	444.00	106.0	353.00	139.86
17	6:50: 0	60 1.000	451.00	106.0	360.00	140.55
18	6:53: 0	63 1.050	454.00	106.0	363.00	59.94
19	6:56: 0	66 1.100	457.00	106.0	366.00	59.94
20	6:59: 0	69 1.150	458.00	106.0	367.00	19.98
21	7: 2: 0	72 1.200	460.00	106.0	369.00	39.96
22	7: 5: 0	75 1.250	463.00	106.0	372.00	60.24
23	7: 8: 0	78 1.300	466.00	106.0	375.00	59.94
24	7:11: 0	81 1.350	468.00	106.0	377.00	39.96
25	7:14: 0	84 1.400	471.00	106.0	380.00	59.94
26	7:17: 0	87 1.450	473.00	106.0	382.00	39.96
27	7:20: 0	90 1.500	475.00	106.0	384.00	40.16
28	7:21: 0	91 1.517	156.00	106.0	65.00	-18936.58
29	7:25: 0	95 1.583	156.00	106.0	65.00	0.00
30	7:30: 0	100 1.667	156.00	106.0	65.00	0.00
31	7:35: 0	105 1.750	157.00	106.0	66.00	12.01
32	7:40: 0	110 1.833	160.00	106.0	69.00	35.93
33	7:45: 0	115 1.917	163.00	106.0	72.00	36.04
34	7:50: 0	120 2.000	166.00	106.0	75.00	36.04
35	7:53: 0	123 2.050	254.00	106.0	163.00	1758.28
36	7:56: 0	126 2.100	333.00	106.0	242.00	1578.46
37	7:59: 0	129 2.150	372.00	106.0	281.00	779.24
38	8: 2: 0	132 2.200	395.00	106.0	304.00	459.55
39	8: 5: 0	135 2.250	411.00	106.0	320.00	321.25
40	8: 8: 0	138 2.300	425.00	106.0	334.00	279.73
41	8:11: 0	141 2.350	435.00	106.0	344.00	199.80
42	8:14: 0	144 2.400	440.00	106.0	349.00	99.90
43	8:17: 0	147 2.450	445.00	106.0	354.00	99.90
44	8:20: 0	150 2.500	449.00	106.0	358.00	80.31
45	8:23: 0	153 2.550	453.00	106.0	362.00	79.92
46	8:26: 0	156 2.600	455.00	106.0	364.00	39.96
47	8:29: 0	159 2.650	456.00	106.0	365.00	19.98
48	8:32: 0	162 2.700	457.00	106.0	366.00	19.98
49	8:35: 0	165 2.750	458.00	106.0	367.00	20.08

COMPANY : JAS OIL COMPANY INC.  
WELL : 1 JOB # : 11172  
GAUGE # : 10270 DEPTH : 3245  
MON/DAY : 3/29

FIELD : HUNTER

PAGE 2

REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS	ELAPSE TIME HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
50	8:38: 0	168	2.800	460.00	106.0	369.00	39.96
51	8:41: 0	171	2.850	462.00	106.0	371.00	39.96
52	8:44: 0	174	2.900	464.00	106.0	373.00	39.96
53	8:47: 0	177	2.950	468.00	106.0	377.00	79.92
54	8:50: 0	180	3.000	469.00	106.0	378.00	20.08
55	8:53: 0	183	3.050	470.00	106.0	379.00	19.98
56	8:56: 0	186	3.100	470.00	106.0	379.00	0.00

Computer Inventoried

# FORMATION TEST REPORT

JUN 11 1986

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

RECEIVED  
STATE CORPORATION COMMISSION

JUN 06 1986

CONSERVATION DIVISION  
Wichita, Kansas

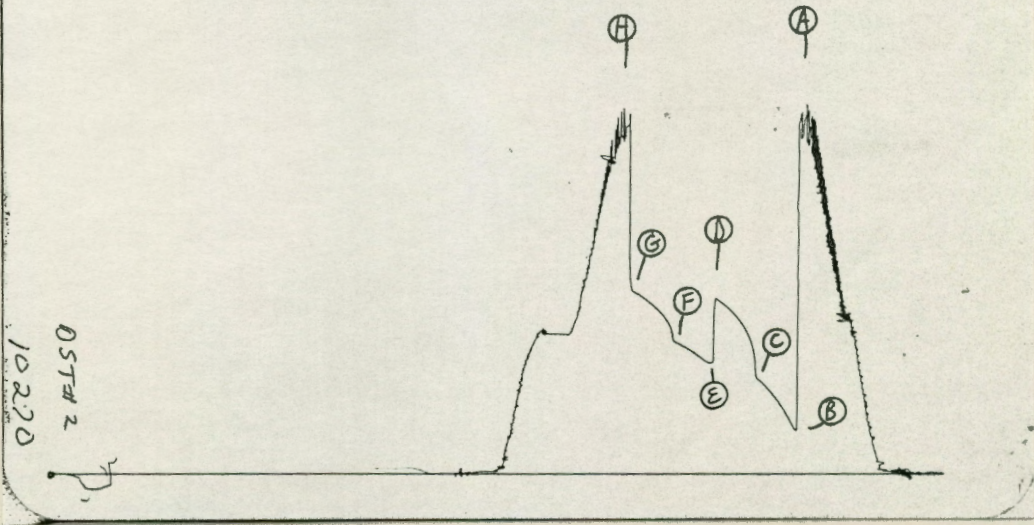
COMPANY JAS OIL COMPANY, INC.

LEASE & WELL NO. #1 HUNTER

SEC. 25 TWP. 18S RGE. 14W TEST NO. 2 DATE 3/30/86

TKT # 11173

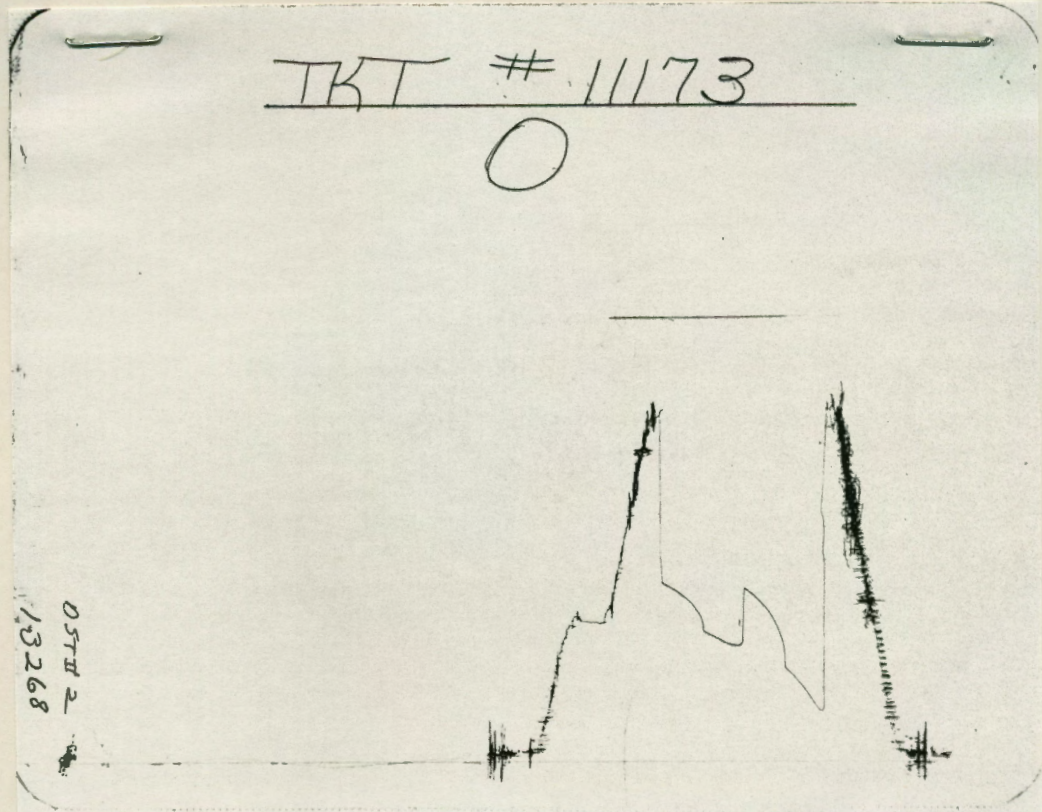
I



Inside Recorder

TKT # 11173

0



# FORMATION

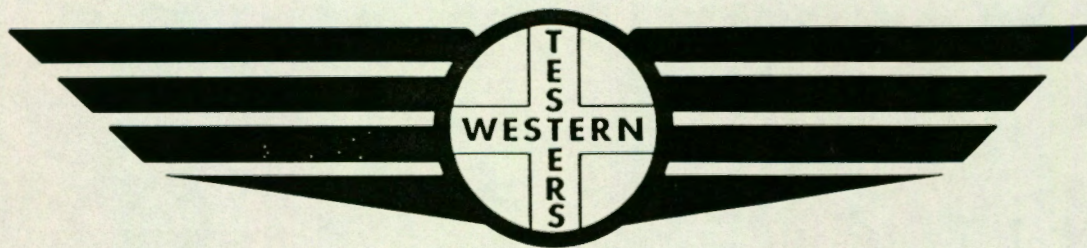
# TEST

# REPORT

*Ind*

JUN 1 - 1986

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY JAS OIL COMPANY, INC.

LEASE & WELL NO. #1 HUNTER

SEC. 25 TWP. 18S RGE. 14W TEST NO. 2 DATE 3/30/86

*SUB DIV DE*

SUBSURFACE PRESSURE SURVEY

DATE	: 3-30-86	TICKET	: 11173
CUSTOMER	: JAS OIL COMPANY INC.	LEASE	: HUNTER
WELL	: 1 TEST: 2	GEOLOGIST	: BARBER
ELEVATION	: 1904	FORMATION	: ARBUCKLE
SECTION	: 25	TOWNSHIP	: 18S
RANGE	: 14W COUNTY : BARTON	STATE	: KANSAS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

INTERVAL FROM	: 3375	TO	: 3435	TOTAL DEPTH	: 3435
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3370	SIZE	: 6 5/8		
PACKER DEPTH	: 3375	SIZE	: 6 5/8		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: DUKE DRLG		
MUD TYPE	: STARCH	VISCOSITY	: 44
WEIGHT	: 10.0	WATER LOSS (CC)	: 12.0
CHLORIDES (PPM)	: 73000		
JARS-MAKE	: WTC	SERIAL NUMBER	: 421
DID WELL FLOW ?	: NO	REVERSED OUT ?	: YES

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	: 0.00
WEIGHT PIPE LENGTH	: 435	FT	I.D. inch	: 2.70
DRILL PIPE LENGTH	: 2914	FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 26	FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 60	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 STRONG BLOW. FINAL FLOW  
 BLOW COMMENT #2 : PERIOD FAIR BLOW BUILDING TO A STRONG BLOW  
 BLOW COMMENT #3 : IN 3 MINUTES.  
 BLOW COMMENT #4 :

RECOVERED	: 1550	FT OF: WATER.	18.72 Barrels
RECOVERED	: 0	FT OF: CHLORIDES 26000 PPM.	0.00 Barrels
RECOVERED	: 0	FT OF:	0.00 Barrels
RECOVERED	: 0	FT OF:	0.00 Barrels
RECOVERED	: 0	FT OF:	0.00 Barrels
RECOVERED	: 0	FT OF:	0.00 Barrels
RECOVERED	: 0	FT OF:	0.00 Barrels
RECOVERED	: 0	FT OF:	0.00 Barrels
RECOVERED	: 0	FT OF:	0.00 Barrels
Total Barrels	= 18.7	Total Production	= 449.3 Bpd

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

SET PACKER(S)	: 3:55 PM	TIME STARTED OFF BOTTOM	: 5:55 PM
WELL TEMPERATURE	: 111		
INITIAL HYDROSTATIC PRESSURE		(A)	1904
INITIAL FLOW PERIOD	MIN: 30	(B)	237 PSI TO (C) : 512
INITIAL CLOSED IN PERIOD	MIN: 30	(D)	942
FINAL FLOW PERIOD	MIN: 30	(E)	597 PSI TO (F) : 709
FINAL CLOSED IN PERIOD	MIN: 30	(G)	982
FINAL HYDROSTATIC PRESSURE		(H)	1872

Pressure Transient Report

---

DATA FILE.....

COMPANY.....JAS OIL COMPANY INC.

DATE OF TEST.....3-30-86

FIELD NAME.....HUNTER

WELL NAME.....1

LOCATION.....BARTON-KANSAS

JOB NUMBER.....11173

GAUGE NUMBER.....10270

GAUGE DEPTH.....3435

COMMENTS

START UP TIME	(mo/da/yr)	(hr:min:sec)
	3./30/86.	3.: 55.: 0.

COMPANY : JAS OIL COMPANY INC.  
WELL : 1 JOB # : 11173  
GAUGE # : 10270 DEPTH : 3435  
MON/DAY : 3/30

FIELD : HUNTER

PAGE 1

REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS	HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
1	3:55: 0	0	0.000	237.00	111.0	0.00	0.00
2	4: 0: 0	5	0.083	273.00	111.0	36.00	432.42
3	4: 5: 0	10	0.167	335.00	111.0	98.00	744.73
4	4:10: 0	15	0.250	392.00	111.0	155.00	682.67
5	4:15: 0	20	0.333	440.00	111.0	203.00	576.56
6	4:20: 0	25	0.417	477.00	111.0	240.00	444.43
7	4:25: 0	30	0.500	512.00	111.0	275.00	419.18
8	4:28: 0	33	0.550	685.00	111.0	448.00	3473.57
9	4:31: 0	36	0.600	741.00	111.0	504.00	1118.91
10	4:34: 0	39	0.650	782.00	111.0	545.00	819.20
11	4:37: 0	42	0.700	819.00	111.0	582.00	739.28
12	4:40: 0	45	0.750	848.00	111.0	611.00	579.43
13	4:43: 0	48	0.800	871.00	111.0	634.00	461.80
14	4:46: 0	51	0.850	890.00	111.0	653.00	379.63
15	4:49: 0	54	0.900	909.00	111.0	672.00	379.63
16	4:52: 0	57	0.950	925.00	111.0	688.00	319.69
17	4:55: 0	60	1.000	942.00	111.0	705.00	339.67
18	4:56: 0	61	1.017	597.00	111.0	360.00	-20781.18
19	5: 0: 0	65	1.083	600.00	111.0	363.00	45.01
20	5: 5: 0	70	1.167	624.00	111.0	387.00	288.28
21	5:10: 0	75	1.250	649.00	111.0	412.00	299.42
22	5:15: 0	80	1.333	675.00	111.0	438.00	312.30
23	5:20: 0	85	1.417	695.00	111.0	458.00	240.23
24	5:25: 0	90	1.500	709.00	111.0	472.00	167.67
25	5:28: 0	93	1.550	804.00	111.0	567.00	1907.45
26	5:31: 0	96	1.600	838.00	111.0	601.00	679.34
27	5:34: 0	99	1.650	865.00	111.0	628.00	539.47
28	5:37: 0	102	1.700	885.00	111.0	648.00	399.61
29	5:40: 0	105	1.750	907.00	111.0	670.00	439.57
30	5:43: 0	108	1.800	925.00	111.0	688.00	361.41
31	5:46: 0	111	1.850	939.00	111.0	702.00	279.73
32	5:49: 0	114	1.900	956.00	111.0	719.00	339.67
33	5:52: 0	117	1.950	971.00	111.0	734.00	299.71
34	5:55: 0	120	2.000	982.00	111.0	745.00	219.79