

CO



00575492

FORMATION

TEST

REPORT

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COLO. OIL & GAS CONS. COMM.



Home Office:

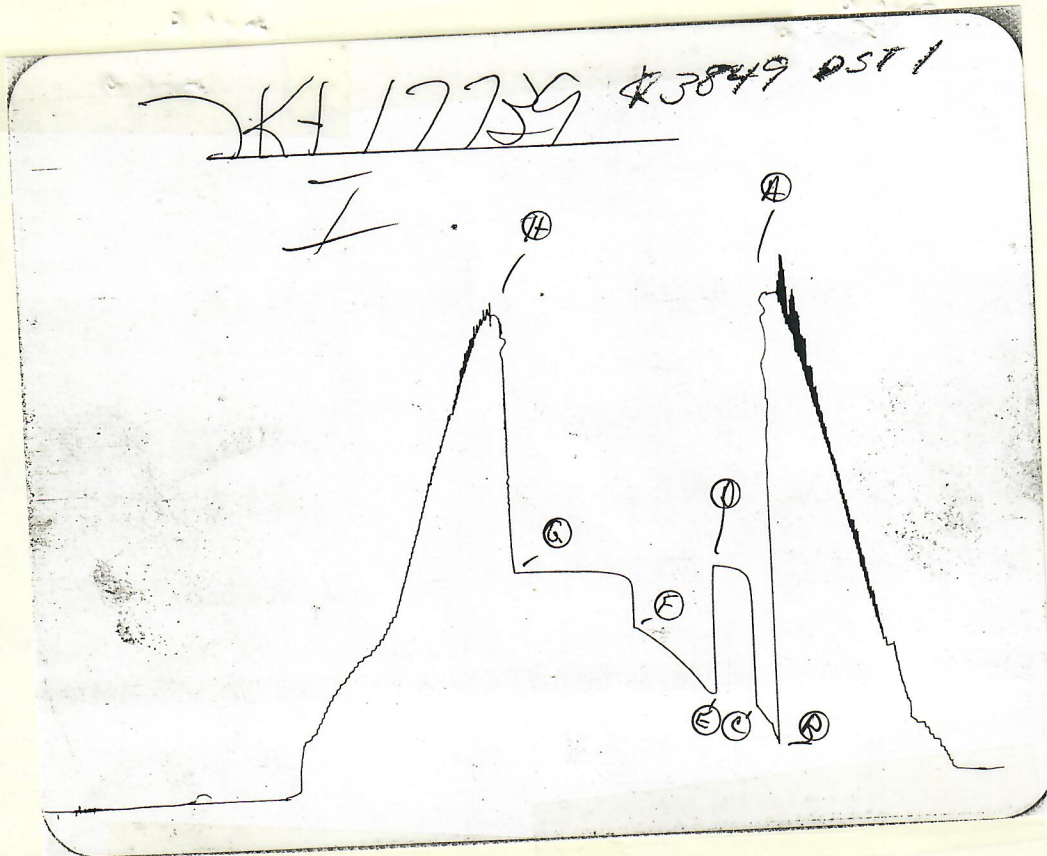
Wichita, Kansas 67201

P.O. Box 1599

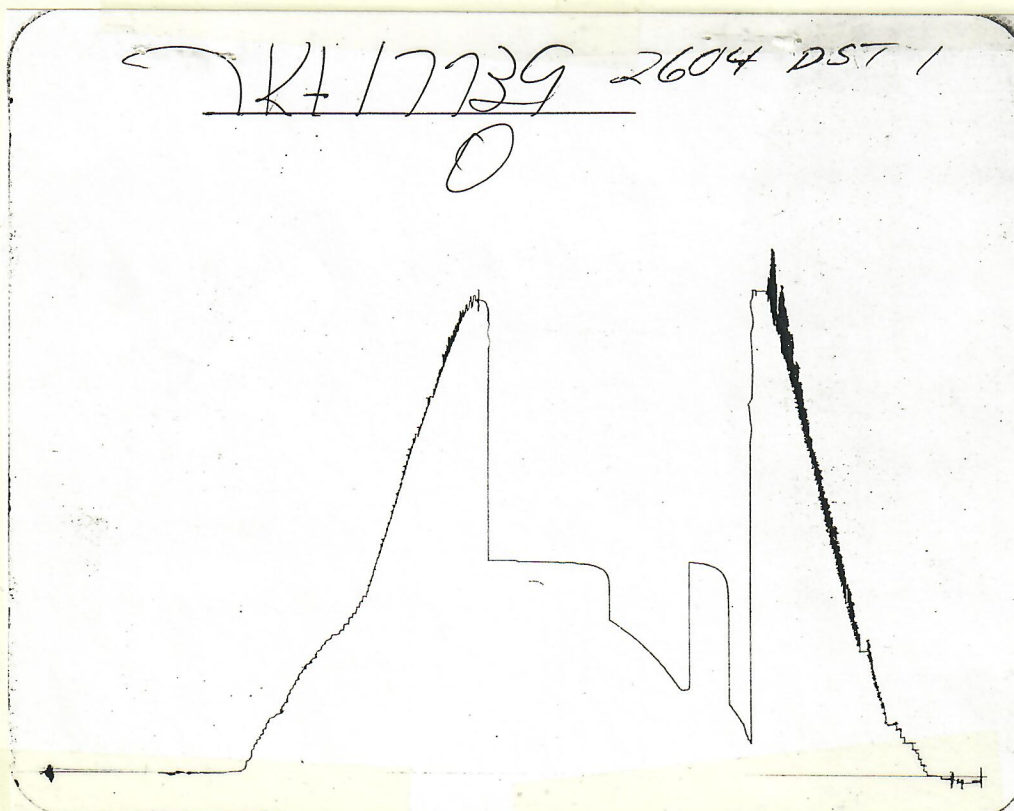
Phone (316) 262-5861

BEST IMAGE
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Inside Recorder



BEST IMAGE
AVAILABLE

Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 1-2-92
CUSTOMER : FREEDOM ENERGY INC.
WELL : S 34-1 TEST: 1
ELEVATION : 3801 KB
SECTION : 34
RANGE : 43W
GAUGE SN# : 3849
COUNTY : PROWERS
RANGE : 4200
TICKET : 17739
LEASE : DORENCAMP
GEOLOGIST : RICKS ?
FORMATION : KEYS
TOWNSHIP : 25S
STATE : COLORADO
CLOCK : 12

INTERVAL FROM : 5318 TO : 5422 TOTAL DEPTH : 5422
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 5313 SIZE : 6.63
PACKER DEPTH : 5318 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : MURFIN RIG 22
MUD TYPE : CHEMICAL
WEIGHT : 9.1+ VISCOSITY : 62
CHLORIDES (PPM) : 500 WATER LOSS (CC) : 7.2
JARS-MAKE : W.T.C. SERIAL NUMBER : 421
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 536 FT I.D. inch : 2.25
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 4750 FT I.D. inch : 3.80
TEST TOOL LENGTH : 32 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 104 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 FAIR 2 INCH TO STRONG BOTTOM
BLOW COMMENT #2 : OF BUCKET IN 4 MINUTES.
BLOW COMMENT #3 : FINAL FLOW PERIOD WEAK 1 INCH TO STRONG IN 5 MINUTES.
BLOW COMMENT #4 :

RECOVERED : 190 FT OF: GAS CUT MUD
RECOVERED : 120 FT OF: GAS CUT WATERY MUD
RECOVERED : 1580 FT OF: GASSY WATER
RECOVERED : 0 FT OF: R.W. 0.54 AT 60 DEGREES
RECOVERED : 0 FT OF: CHLORIDES 13200 P.P.M.

Total Barrels Fluid = 21.63
Total Fluid Prod Rate = 415.25 BFPD
Indicated Wtr Rate = 356.58 BWPD

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

SET PACKER(S) : 4:50 P.M.

TIME STARTED OFF BOTTOM : 8:05 P.M.

WELL TEMPERATURE : 144

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 15

INITIAL CLOSED IN PERIOD MIN: 30

FINAL FLOW PERIOD MIN: 60

FINAL CLOSED IN PERIOD MIN: 90

FINAL HYDROSTATIC PRESSURE

(A) 2654

(B) 184 PSI TO (C) : 400

(D) 1183

(E) 483 PSI TO (F) : 863

(G) 1189

(H) 2599

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : FREEDOM ENERGY INC.
RIG : PROWERS-COLORADO
FIELD : DORENCAMP
WELL : S 34-1
DATE : 1-2-92
GAUGE NO : 3849

OPERATIONAL COMMENTS

COMPANY : FREEDOM ENERGY INC.
WELL : S 34-1
GAUGE # : 3849
DATE : 2/ 1/92

FIELD : DORENCAMP
JOB # : 17739
DEPTH : 5422
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	4:50: 0	0.000	184.000	144.00	0.000
3	4:54:59	0.083	295.000	144.00	111.000
4	5: 0: 0	0.167	344.000	144.00	49.000
5	5: 5: 0	0.250	400.000	144.00	56.000
INITIAL SHUT-IN PERIOD					
6	5: 8: 0	0.300	1076.000	144.00	676.000
7	5:11: 0	0.350	1128.000	144.00	52.000
8	5:14: 0	0.400	1145.000	144.00	17.000
9	5:17: 0	0.450	1156.000	144.00	11.000
10	5:20: 0	0.500	1164.000	144.00	8.000
11	5:23: 0	0.550	1172.000	144.00	8.000
12	5:26: 0	0.600	1177.000	144.00	5.000
13	5:29: 0	0.650	1179.000	144.00	2.000
14	5:32: 0	0.700	1181.000	144.00	2.000
15	5:35: 0	0.750	1183.000	144.00	2.000
FINAL FLOW PERIOD					
16	5:36: 0	0.767	483.000	144.00	-700.000
17	5:39:59	0.833	487.000	144.00	4.000
18	5:45: 0	0.917	533.000	144.00	46.000
19	5:50: 0	1.000	581.000	144.00	48.000
20	5:54:59	1.083	626.000	144.00	45.000
21	6: 0: 0	1.167	667.000	144.00	41.000
22	6: 5: 0	1.250	706.000	144.00	39.000
23	6: 9:59	1.333	740.000	144.00	34.000
24	6:15: 0	1.417	770.000	144.00	30.000
25	6:20: 0	1.500	800.000	144.00	30.000
26	6:24:59	1.583	822.000	144.00	22.000
27	6:30: 0	1.667	850.000	144.00	28.000
28	6:35: 0	1.750	863.000	144.00	13.000
FINAL SHUT-IN PERIOD					
29	6:38: 0	1.800	1128.000	144.00	265.000
30	6:41: 0	1.850	1144.000	144.00	16.000
31	6:44: 0	1.900	1154.000	144.00	10.000
32	6:47: 0	1.950	1159.000	144.00	5.000
33	6:50: 0	2.000	1165.000	144.00	6.000
34	6:53: 0	2.050	1168.000	144.00	3.000
35	6:56: 0	2.100	1173.000	144.00	5.000
36	6:59: 0	2.150	1175.000	144.00	2.000
37	7: 2: 0	2.200	1177.000	144.00	2.000
38	7: 5: 0	2.250	1179.000	144.00	2.000
39	7: 8: 0	2.300	1180.000	144.00	1.000
40	7:11: 0	2.350	1181.000	144.00	1.000
41	7:14: 0	2.400	1182.000	144.00	1.000
42	7:17: 0	2.450	1183.000	144.00	1.000
43	7:20: 0	2.500	1184.000	144.00	1.000
44	7:23: 0	2.550	1185.000	144.00	1.000
45	7:26: 0	2.600	1186.000	144.00	1.000
46	7:29: 0	2.650	1187.000	144.00	1.000
47	7:32: 0	2.700	1188.000	144.00	1.000
48	7:35: 0	2.750	1188.000	144.00	0.000

COMPANY : FREEDOM ENERGY INC.
WELL : S 34-1
GAUGE # : 3849
DATE : 2/ 1/92

FIELD : DORENCAMP
JOB # : 17739
DEPTH : 5422
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	7:38: 0	2.800	1188.000	144.00	0.000
50	7:41: 0	2.850	1189.000	144.00	1.000
51	7:44: 0	2.900	1189.000	144.00	0.000
52	7:47: 0	2.950	1189.000	144.00	0.000
53	7:50: 0	3.000	1189.000	144.00	0.000
54	7:53: 0	3.050	1189.000	144.00	0.000
55	7:56: 0	3.100	1189.000	144.00	0.000
56	7:59: 0	3.150	1189.000	144.00	0.000
57	8: 2: 0	3.200	1189.000	144.00	0.000
58	8: 5: 0	3.250	1189.000	144.00	0.000

WESTERN TESTING CO. INC.

FLUID SAMPLE REPORT

Date : 1-2-92

Ticket No. : 17739

Company : FREEDOM ENERGY

Well Name & No. : DORENCAMP S 34-1

DST No. 1

County : PROWERS

State : COLORADO

Sampler No. : 200

Test Interval : 5318-5422

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Pressure in Sampler	110 PSIG	BHT	144	Deg F
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Total Volume of Sampler	: 3150	cc
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Total Volume of Sample	: 3050	cc
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Oil:	cc
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Water:	3050	cc
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Mud:	cc
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Gas:	14.48cu	ft
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Other:	cc
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RESITIVITY

Drilling Mud	0.54	@	60 F	Chloride Content	13200 ppm
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Mud Pit Sample		@	F	Chloride Content	500 ppm
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Gas/Oil Ratio		Gravity		API @	Deg F
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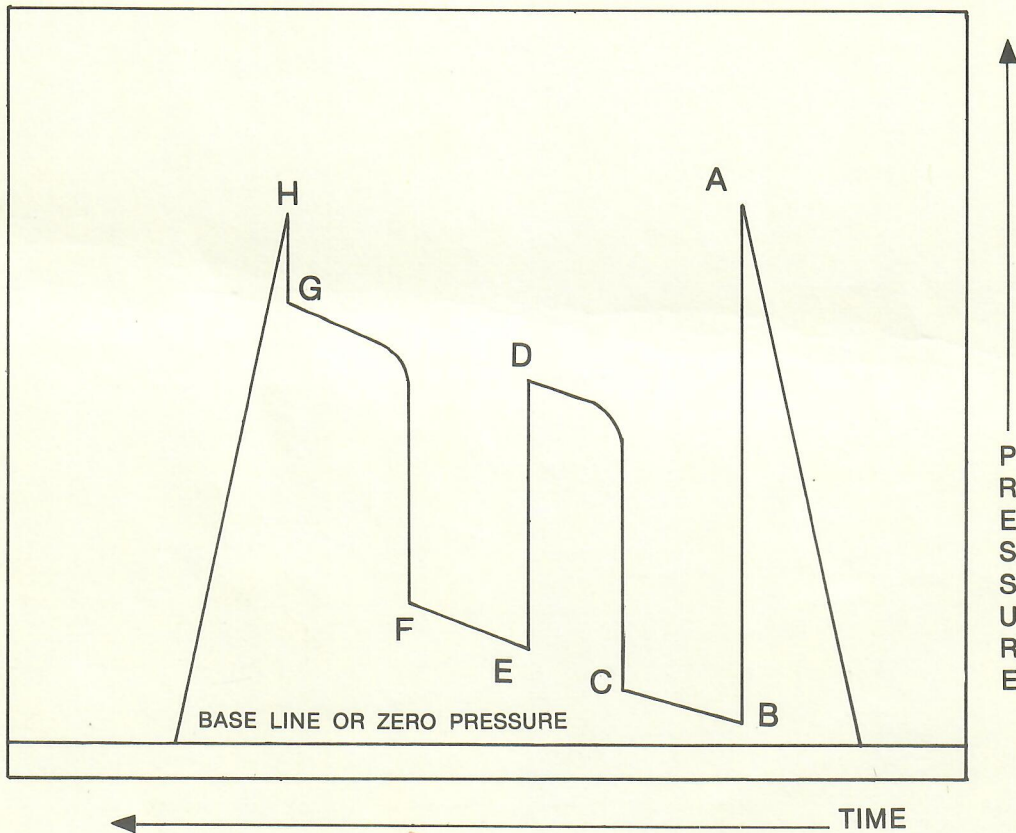
Where was sample drained ON LOCATION

Remarks:

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

AK-1 Recorders



A - Initial Hydrostatic
B - First Initial Flow
C - First Final Flow
D - Initial Shut-In

E - Second Initial Flow
F - Second Final Flow
G - Final Shut-In
H - Final Hydrostatic