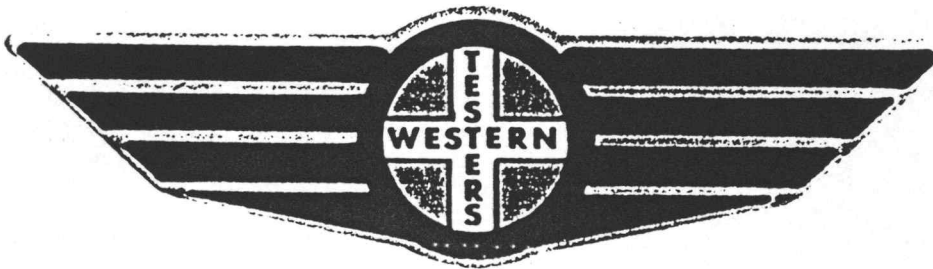


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 4-4-88	TICKET	: 12899
CUSTOMER	: DOUBLE EAGLE EXPLORATION INC.	LEASE	: MAGILL
WELL	: #1 TEST: 1	GEOLOGIST	: B. GEBHART
ELEVATION	: 1281 KB	FORMATION	: K.C. SWOPE
SECTION	: 7	TOWNSHIP	: 31S
RANGE	: 2W	STATE	: KANSAS
GAUGE SN#	: 13362	CLOCK	: 12
	COUNTY : SUMNER		
	RANGE : 4450		

INTERVAL FROM	: 3298	TO	: 3325	TOTAL DEPTH	: 3325
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3293	SIZE	: 6.63		
PACKER DEPTH	: 3298	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: RAINS & WILLIAMSON		
MUD TYPE	: CHEMICAL	VISCOSITY	: 40
WEIGHT	: 9.3	WATER LOSS (CC)	: 11.2
CHLORIDES (PPM)	: 4000		
JARS-MAKE	: NO	SERIAL NUMBER	:
DID WELL FLOW ?	: NO	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 486	FT	I.D. inch	: 2.25
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00
DRILL PIPE LENGTH	: 2792	FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 20	FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 27	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 FH

BLOW COMMENT #1 : INITIAL FLOW-WEAK BLOW BUILDING TO STRONG IN 30 MIN
BLOW COMMENT #2 : FINAL FLOW-WEAK BLOW BUILDING TO STRONG.
BLOW COMMENT #3 : NO GAS TO SURFACE.
BLOW COMMENT #4 :

RECOVERED : 85 FT OF: OIL & GAS CUT MUD
5% GAS-10% OIL-85% MUD
RECOVERED : 125 FT OF: OIL & GAS CUT MUDDY WATER
5% GAS-5% OIL-40% MUD-50% WATER
RECOVERED : 350 FT OF: WATER

CHLORIDES: 110000 PPM

Total Barrels Fluid = 3.43
Total Fluid Prod Rate = 58.07 BFPD
Indicated Oil Rate = 1.56 BOPD
Indicated Wtr Rate = 43.55 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 186 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 9:45 PM
WELL TEMPERATURE : 112
INITIAL HYDROSTATIC PRESSURE (A) 1605
INITIAL FLOW PERIOD MIN: 25 (B) 98 PSI TO (C) : 121
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1183
FINAL FLOW PERIOD MIN: 60 (E) 219 PSI TO (F) : 287
FINAL CLOSED IN PERIOD MIN: 60 (G) 1176
FINAL HYDROSTATIC PRESSURE (H) 1589

TIME STARTED OFF BOTTOM : 1:00 AM

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : DOUBLE EAGLE EXPLORATION INC.
RIG : SUMNER-KANSAS
FIELD : MAGILL
WELL : #1
DATE : 4-4-88
GAUGE NO : 13362

OPERATIONAL COMMENTS

RECOVERED 186 FEET OF GAS ABOVE FLUID.

COMPANY : DOUBLE EAGLE EXPLORATION INC.
 WELL : #1
 GAUGE # : 13362
 DATE : 4/ 4/88

FIELD : MAGILL
 JOB # : 12899
 DEPTH : 3325
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	9:45: 0	0.000	98.000	112.00	0.000
2	9:49:59	0.083	98.000	112.00	0.000
3	9:55: 0	0.167	98.000	112.00	0.000
4	10: 0: 0	0.250	102.000	112.00	4.000
5	10: 4:59	0.333	117.000	112.00	15.000
6	10:10: 0	0.417	121.000	112.00	4.000
7	10:13: 0	0.467	220.000	112.00	99.000
8	10:16: 0	0.517	667.000	112.00	447.000
9	10:19: 0	0.567	1003.000	112.00	336.000
10	10:22: 0	0.617	1063.000	112.00	60.000
11	10:25: 0	0.667	1091.000	112.00	28.000
12	10:28: 0	0.717	1110.000	112.00	19.000
13	10:31: 0	0.767	1123.000	112.00	13.000
14	10:34: 0	0.817	1136.000	112.00	13.000
15	10:37: 0	0.867	1145.000	112.00	9.000
16	10:40: 0	0.917	1154.000	112.00	9.000
17	10:43: 0	0.967	1161.000	112.00	7.000
18	10:46: 0	1.017	1167.000	112.00	6.000
19	10:49: 0	1.067	1174.000	112.00	7.000
20	10:52: 0	1.117	1177.000	112.00	3.000
21	10:55: 0	1.167	1183.000	112.00	6.000
22	10:56: 0	1.183	219.000	112.00	-964.000
23	11: 0: 0	1.250	219.000	112.00	0.000
24	11: 5: 0	1.333	219.000	112.00	0.000
25	11:10: 0	1.417	221.000	112.00	2.000
26	11:15: 0	1.500	225.000	112.00	4.000
27	11:20: 0	1.583	235.000	112.00	10.000
28	11:25: 0	1.667	246.000	112.00	11.000
29	11:30: 0	1.750	253.000	112.00	7.000
30	11:35: 0	1.833	261.000	112.00	8.000
31	11:40: 0	1.917	267.000	112.00	6.000
32	11:45: 0	2.000	276.000	112.00	9.000
33	11:50: 0	2.083	282.000	112.00	6.000
34	11:55: 0	2.167	287.000	112.00	5.000
35	11:58: 0	2.217	308.000	112.00	21.000
36	12: 1: 0	2.267	438.000	112.00	130.000
37	12: 4: 0	2.317	840.000	112.00	402.000
38	12: 7: 0	2.367	1013.000	112.00	173.000
39	12:10: 0	2.417	1052.000	112.00	39.000
40	12:13: 0	2.467	1077.000	112.00	25.000
41	12:16: 0	2.517	1095.000	112.00	18.000
42	12:19: 0	2.567	1111.000	112.00	16.000
43	12:22: 0	2.617	1119.000	112.00	8.000
44	12:25: 0	2.667	1128.000	112.00	9.000
45	12:28: 0	2.717	1137.000	112.00	9.000
46	12:31: 0	2.767	1144.000	112.00	7.000
47	12:34: 0	2.817	1153.000	112.00	9.000
48	12:37: 0	2.867	1157.000	112.00	4.000
49	12:40: 0	2.917	1162.000	112.00	5.000
50	12:43: 0	2.967	1164.000	112.00	2.000
51	12:46: 0	3.017	1168.000	112.00	4.000
52	12:49: 0	3.067	1173.000	112.00	5.000

COMPANY : DOUBLE EAGLE EXPLORATION INC.
WELL : #1
GAUGE # : 13362
DATE : 4/ 4/88

FIELD : MAGILL
JOB # : 12899
DEPTH : 3325
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	12:52: 0	3.117	1175.000	112.00	2.000
54	12:55: 0	3.167	1176.000	112.00	1.000

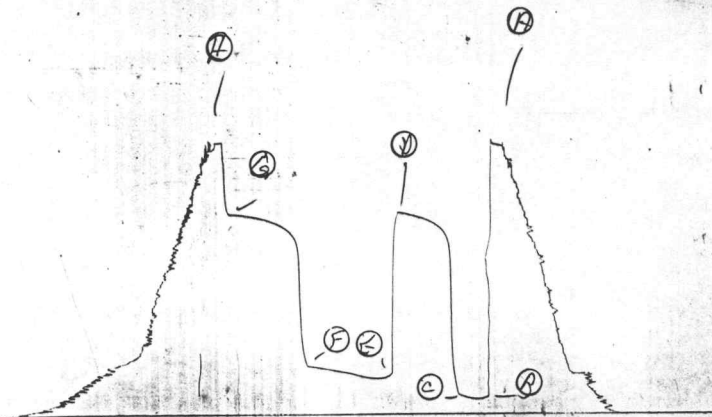
WESTERN TESTING CO. INC.

13362 DST#1



KT 12899

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13520 DST #1

KT 12899

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