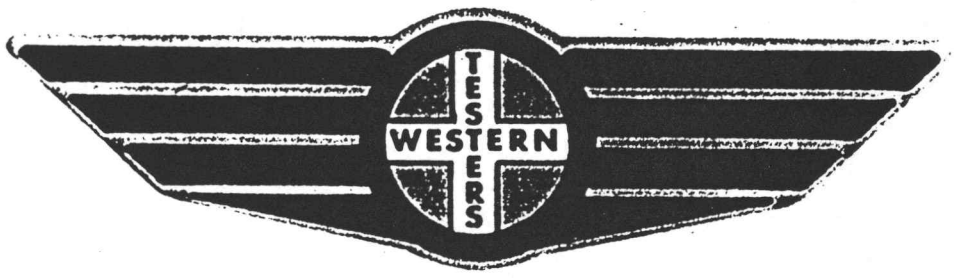
FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

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

COMPANY RANGE OIL COMPANY, INC. LEASE & WELL NO. EVANS #3 SEC. 32 TWP. 26S RGE. 6E TEST NO. 2 DATE 7/1/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 7-1-88			TICKET	: 13713
CUSTOMER	: RANGE OIL CO. INC.			LEASE	: EVANS
WELL	: #3 TEST: 2			GEOLOGIST	: R OLSEN
ELEVATION	: 1394 KB			FORMATION	: MISSISSIPPI
SECTION	: 32			TOWNSHIP	: 26S
RANGE	: 6E	COUNTY	: BUTLER	STATE	: KANSAS
GAUGE SN#	: 4332	RANGE	: 4200	CLOCK	: 12

INTERVAL FROM	: 2782	TO	: 2795	TOTAL DEPTH	: 2795
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 2777	SIZE	: 6.63		
PACKER DEPTH	: 2782	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: RANGE RIG 1		
MUD TYPE	: CHEMICAL	VISCOSITY	: 52
WEIGHT	: 10.0	WATER LOSS (CC)	: 12.0
CHLORIDES (PPM)	: 1900		
JARS-MAKE	: NO	SERIAL NUMBER	:
DID WELL FLOW ?	: NO	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 177	FT	I.D. inch	: 2.25	
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00	
DRILL PIPE LENGTH	: 2585	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 20	FT	TOOL SIZE	: 5.50	
ANCHOR LENGTH	: 13	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 : VERY WEAK STEADY BLOW ON BOTH THE INITIAL & FINAL
BLOW COMMENT #2 : FLOW PERIODS.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 10 FT OF: FREE OIL
RECOVERED : 45 FT OF: OIL CUT MUD (30% OIL)
RECOVERED : 120 FT OF: MUDDY WATER

CHLORIDES: 57000 PPM

Total Barrels Fluid = 0.86
Total Fluid Prod Rate = 13.77 BFPD
Indicated Oil Rate = 1.85 BOPD
Indicated Wtr Rate = 4.97 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 60 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 3:35 AM TIME STARTED OFF BOTTOM : 6:35 AM
WELL TEMPERATURE : 108

INITIAL HYDROSTATIC PRESSURE			(A)	1542		
INITIAL FLOW PERIOD	MIN:	30	(B)	38	PSI TO (C) :	41
INITIAL CLOSED IN PERIOD	MIN:	30	(D)	647		
FINAL FLOW PERIOD	MIN:	60	(E)	82	PSI TO (F) :	89
FINAL CLOSED IN PERIOD	MIN:	60	(G)	653		
FINAL HYDROSTATIC PRESSURE			(H)	1534		

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY	: RANGE OIL CO. INC.
RIG	: BUTLER-KANSAS
FIELD	: EVANS
WELL	: #3
DATE	: 7-1-88
GAUGE NO	: 4332

OPERATIONAL COMMENTS

RECOVERED 60 FEET OF GAS ABOVE FLUID.

COMPANY : RANGE OIL CO. INC.
WELL : #3
GAUGE # : 4332
DATE : 1/ 7/88

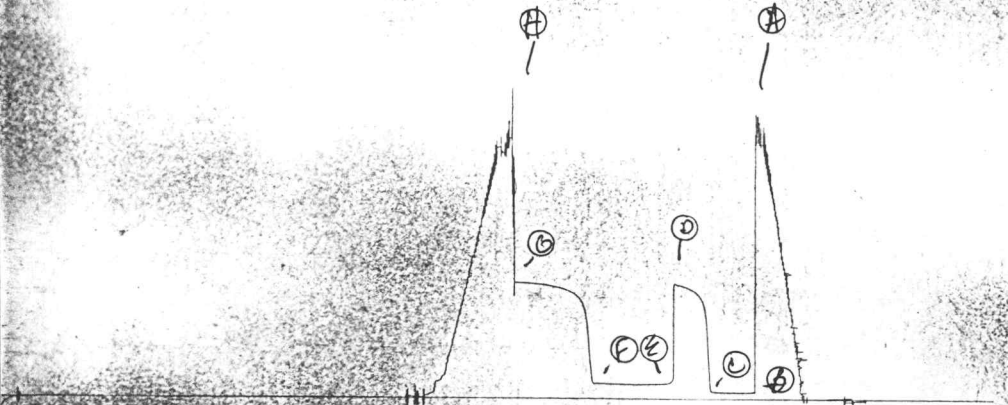
FIELD : EVANS
JOB # : 13713
DEPTH : 2795
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	3:35: 0	0.000	38.000	108.00	0.000
2	3:39:59	0.083	38.000	108.00	0.000
3	3:45: 0	0.167	38.000	108.00	0.000
4	3:50: 0	0.250	38.000	108.00	0.000
5	3:54:59	0.333	39.000	108.00	1.000
6	4: 0: 0	0.417	40.000	108.00	1.000
7	4: 5: 0	0.500	41.000	108.00	1.000
8	4: 8: 0	0.550	108.000	108.00	67.000
9	4:11: 0	0.600	390.000	108.00	282.000
10	4:14: 0	0.650	531.000	108.00	141.000
11	4:17: 0	0.700	576.000	108.00	45.000
12	4:20: 0	0.750	601.000	108.00	25.000
13	4:23: 0	0.800	613.000	108.00	12.000
14	4:26: 0	0.850	625.000	108.00	12.000
15	4:29: 0	0.900	634.000	108.00	9.000
16	4:32: 0	0.950	640.000	108.00	6.000
17	4:35: 0	1.000	647.000	108.00	7.000
18	4:36: 0	1.017	82.000	108.00	-565.000
19	4:39:59	1.083	82.000	108.00	0.000
20	4:45: 0	1.167	82.000	108.00	0.000
21	4:50: 0	1.250	82.000	108.00	0.000
22	4:54:59	1.333	82.000	108.00	0.000
23	5: 0: 0	1.417	82.000	108.00	0.000
24	5: 5: 0	1.500	82.000	108.00	0.000
25	5: 9:59	1.583	82.000	108.00	0.000
26	5:15: 0	1.667	84.000	108.00	2.000
27	5:20: 0	1.750	86.000	108.00	2.000
28	5:24:59	1.833	87.000	108.00	1.000
29	5:30: 0	1.917	88.000	108.00	1.000
30	5:35: 0	2.000	89.000	108.00	1.000
31	5:38: 0	2.050	397.000	108.00	308.000
32	5:41: 0	2.100	518.000	108.00	121.000
33	5:44: 0	2.150	562.000	108.00	44.000
34	5:47: 0	2.200	583.000	108.00	21.000
35	5:50: 0	2.250	599.000	108.00	16.000
36	5:53: 0	2.300	611.000	108.00	12.000
37	5:56: 0	2.350	619.000	108.00	8.000
38	5:59: 0	2.400	627.000	108.00	8.000
39	6: 2: 0	2.450	631.000	108.00	4.000
40	6: 5: 0	2.500	635.000	108.00	4.000
41	6: 8: 0	2.550	640.000	108.00	5.000
42	6:11: 0	2.600	644.000	108.00	4.000
43	6:14: 0	2.650	646.000	108.00	2.000
44	6:17: 0	2.700	648.000	108.00	2.000
45	6:20: 0	2.750	650.000	108.00	2.000
46	6:23: 0	2.800	651.000	108.00	1.000
47	6:26: 0	2.850	652.000	108.00	1.000
48	6:29: 0	2.900	653.000	108.00	1.000
49	6:32: 0	2.950	653.000	108.00	0.000
50	6:35: 0	3.000	653.000	108.00	0.000

4332 DSC#2

K+E 13713

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13520 DST #2

Jke # 13713

