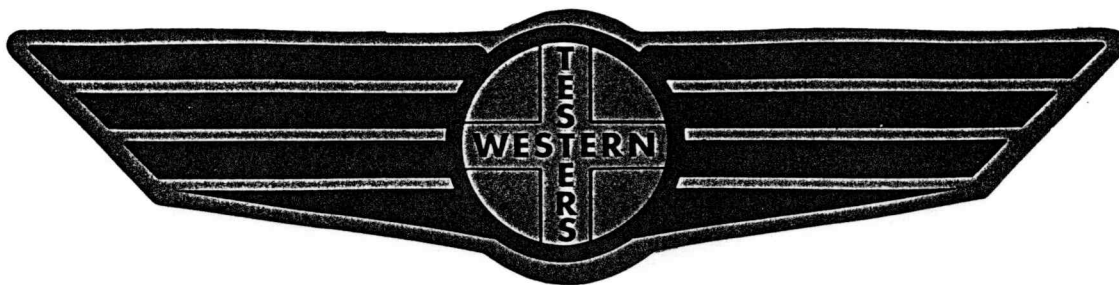


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

COMPANY RANGE OIL COMPANY, INC LEASE & WELL NO. JARVIS TRUST C #1 SEC. 19 TWP. 32S RGE. 8E TEST NO. 1 DATE 11/12/91

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	11/12/91	TICKET	:	18293
CUSTOMER	:	RANGE OIL COMPANY INC.	LEASE	:	JARVIS TRUST C
WELL	:	1	TEST:	:	1
ELEVATION	:	1203 KB	GEOLOGIST	:	BLACK <i>BLAIR, TOM</i>
SECTION	:	19	FORMATION	:	LAYTON
RANGE	:	8E	TOWNSHIP	:	32S
GAUGE SN#	:	10979	STATE	:	KANSAS
		COUNTY :	CLOCK	:	12
		RANGE :			
		4100			

INTERVAL FROM	:	1746	TO	:	1776	TOTAL DEPTH	:	1776
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	1741	SIZE	:	6.63			
PACKER DEPTH	:	1746	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	RED TIGER RIG 3			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	41
WEIGHT	:	9.2	WATER LOSS (CC)	:	12.0
CHLORIDES (PPM)	:	1200			
JARS-MAKE	:		SERIAL NUMBER	:	
DID WELL FLOW ?	:		REVERSED OUT ?	:	

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	600	FT	I.D. inch	:	2.80
DRILL PIPE LENGTH	:	1126	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	20	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	30	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 WEAK BLOW DIMINISHING TO
BLOW COMMENT #2 : A VERY WEAK BLOW-DIED IN 15 MINUTES.
BLOW COMMENT #3 : FINAL FLOW PERIOD VERY WEAK BLOW-DIED IN 12
BLOW COMMENT #4 : MINUTES.

RECOVERED : 15 FT OF: DRILLING MUD-OIL SPOTS-TRACE

Total Barrels Fluid = 0.11
Total Fluid Prod Rate = 2.74 BFPD
Indicated Wtr Rate = 0.27 BWPD

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

SET PACKER(S) : 6:00

TIME STARTED OFF BOTTOM : 8:00

WELL TEMPERATURE : 0

INITIAL HYDROSTATIC PRESSURE

(A) 889

INITIAL FLOW PERIOD MIN: 30

(B) 42 PSI TO (C) : 42

INITIAL CLOSED IN PERIOD MIN: 33

(D) 400

FINAL FLOW PERIOD MIN: 30

(E) 47 PSI TO (F) : 47

FINAL CLOSED IN PERIOD MIN: 33

(G) 337

FINAL HYDROSTATIC PRESSURE

(H) 861

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : RANGE OIL COMPANY INC.
RIG : COWLEY-KANSAS
FIELD : JARVIS TRUST C
WELL : 1
DATE : 11/12/91
GAUGE NO : 10979

OPERATIONAL COMMENTS

COMPANY : RANGE OIL COMPANY INC.
WELL : 1
GAUGE # : 10979
DATE : 12/11/91

FIELD : JARVIS TRUST C
JOB # : 18293
DEPTH : 1776
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	6: 0: 0	0.000	42.000	0.00	0.000
3	6: 4:59	0.083	42.000	0.00	0.000
4	6:10: 0	0.167	42.000	0.00	0.000
5	6:15: 0	0.250	42.000	0.00	0.000
6	6:19:59	0.333	42.000	0.00	0.000
7	6:25: 0	0.417	42.000	0.00	0.000
8	6:30: 0	0.500	42.000	0.00	0.000
INITIAL SHUT-IN PERIOD					
9	6:33: 0	0.550	42.000	0.00	0.000
10	6:36: 0	0.600	46.000	0.00	4.000
11	6:39: 0	0.650	52.000	0.00	6.000
12	6:42: 0	0.700	73.000	0.00	21.000
13	6:45: 0	0.750	123.000	0.00	50.000
14	6:48: 0	0.800	186.000	0.00	63.000
15	6:51: 0	0.850	244.000	0.00	58.000
16	6:54: 0	0.900	292.000	0.00	48.000
17	6:57: 0	0.950	338.000	0.00	46.000
18	7: 0: 0	1.000	373.000	0.00	35.000
19	7: 2:59	1.050	400.000	0.00	27.000
FINAL FLOW PERIOD					
20	7: 4: 0	1.067	47.000	0.00	-353.000
21	7: 7:59	1.133	47.000	0.00	0.000
22	7:13: 0	1.217	47.000	0.00	0.000
23	7:18: 0	1.300	47.000	0.00	0.000
24	7:22:59	1.383	47.000	0.00	0.000
25	7:28: 0	1.467	47.000	0.00	0.000
26	7:33: 0	1.550	47.000	0.00	0.000
FINAL SHUT-IN PERIOD					
27	7:35:59	1.600	47.000	0.00	0.000
28	7:39: 0	1.650	50.000	0.00	3.000
29	7:41:59	1.700	59.000	0.00	9.000
30	7:45: 0	1.750	78.000	0.00	19.000
31	7:48: 0	1.800	115.000	0.00	37.000
32	7:50:59	1.850	159.000	0.00	44.000
33	7:54: 0	1.900	205.000	0.00	46.000
34	7:56:59	1.950	248.000	0.00	43.000
35	8: 0: 0	2.000	288.000	0.00	40.000
36	8: 3: 0	2.050	320.000	0.00	32.000
37	8: 5:59	2.100	337.000	0.00	17.000

WESTERN TESTING CO. INC.

66001

TKT 18293

I



TKT 18293
0

