

FORMATION TEST REPORT

See

COMPANY BALCRON OIL COMPANY LEASE & WELL NO. HOUSE #2-36 SEC. 36 TWP. 16S RGE. 20W TEST NO. 1 DATE 12/22/88

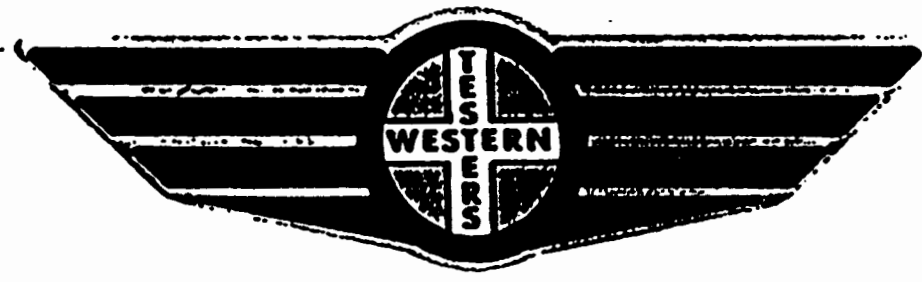
MAR 20 1990

RECEIVED
STATE CORPORATION COMMISSION

UEC 50 1988

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
CONSERVATION DIVISION
Wichita, Kansas

RELEASED
Date: MAR - 6 1990
FROM CONFIDENTIAL



Home Office: Wichita, Kansas 67201
P.O. Box 1599 Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 12/22/88	TICKET	: 14243
CUSTOMER	: BALCRON OIL CO	LEASE	: HOUSE
WELL	: 2-36 TEST: 1	GEOLOGIST	: LANDES
ELEVATION	: N/A	FORMATION	: ARBUCKLE
SECTION	: 36	TOWNSHIP	: 16S
RANGE	: 20W COUNTY : RUSH	STATE	: KANSAS
GAUGE SN#	: 10270 RANGE : 4150	CLOCK	: 12

INTERVAL FROM	: 3788	TO	: 3867	TOTAL DEPTH	: 3867
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3783	SIZE	: 6.63		
PACKER DEPTH	: 3788	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: ABERCROMBIE RIG 8		
MUD TYPE	: STARCH	VISCOSITY	: 37
WEIGHT	: 9.8	WATER LOSS (CC)	: 12
CHLORIDES (PPM)	: 42000		
JARS-MAKE	: HOT	SERIAL NUMBER	: 100
DID WELL FLOW ?	:	REVERSED OUT ?	:

DRILL COLLAR LENGTH	: 0 FT	I.D. inch	: 0.00
WEIGHT PIPE LENGTH	: 633 FT	I.D. inch	: 2.70
DRILL PIPE LENGTH	: 3131 FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 24 FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 79 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
 BLOW COMMENT #2 :
 BLOW COMMENT #3 :
 BLOW COMMENT #4 :

RECOVERED : 0 FT OF:

Total Barrels Fluid = 0.00
Total Fluid Prod Rate = 0.00 BFPD

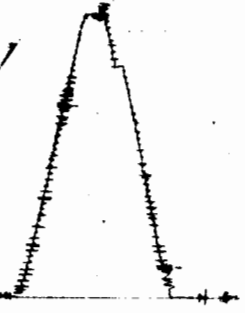
REMARK 1 : MISRUN
REMARK 2 : HIT BRIDGE-WOULD NOT GO TO BOTTOM
REMARK 3 :
REMARK 4 :

SET PACKER(S) :				TIME STARTED OFF BOTTOM :	
WELL TEMPERATURE :	0				
INITIAL HYDROSTATIC PRESSURE		(A)	0		
INITIAL FLOW PERIOD MIN:	0	(B)	0	PSI TO (C) :	0
INITIAL CLOSED IN PERIOD MIN:	0	(D)	0		
FINAL FLOW PERIOD MIN:	0	(E)	0	PSI TO (F) :	0
FINAL CLOSED IN PERIOD MIN:	0	(G)	0		
FINAL HYDROSTATIC PRESSURE		(H)	0		

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OST#1
10270

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FORMATION

TEST

REPORT

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KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

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COMPANY **BALCRON OIL COMPANY** LEASE & WELL NO. HOUSE #2-36 SEC. 36 TWP. 16S RGE. 20W TEST NO. 2 DATE 12/23/88

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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 12/23/88	TICKET	: 14244
CUSTOMER	: BALCRON OIL CO	LEASE	: HOUSE
WELL	: 2-36 TEST: 2	GEOLOGIST	: LANDES
ELEVATION	: N/A	FORMATION	: ARBUCKLE
SECTION	: 36	TOWNSHIP	: 16S
RANGE	: 20W	COUNTY	: RUSH
GAUGE SN#	: 10270	RANGE	: 3867
		STATE	: KANSAS
		CLOCK	: 12

INTERVAL FROM	: 3788	TO	: 3867	TOTAL DEPTH	: 3867
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3783	SIZE	: 6.63		
PACKER DEPTH	: 3788	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: ABERCROMBIE RIG 8		
MUD TYPE	: STARCH	VISCOSITY	: 50
WEIGHT	: 9.8	WATER LOSS (CC)	: 9.6
CHLORIDES (PPM)	: 40000		
JARS-MAKE	: HOT	SERIAL NUMBER	: 100
DID WELL FLOW ?	:	REVERSED OUT ?	: YES

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	: 0.00
WEIGHT PIPE LENGTH	: 633	FT	I.D. inch	: 2.70
DRILL PIPE LENGTH	: 3131	FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 24	FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 79	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 THROUGHOUT
 BLOW COMMENT #2 : FINAL FLOW PERIOD-STRONG BLOW THROUGHOUT
 BLOW COMMENT #3 :
 BLOW COMMENT #4 :

RECOVERED : 180 FT OF: MUDDY GASSY OIL 4% MUD 25% GAS 71% OIL
RECOVERED : 265 FT OF: MUDDY GASSY OIL 12% MUD 22% GAS 66% OIL
RECOVERED : 2975 FT OF: CLEAN GASSY OIL GRAVITY 35
RECOVERED : 0 FT OF: CHLORIDES 0

Total Barrels Fluid = 43.57
Total Fluid Prod Rate = 1394.36 BFPD
Indicated Oil Rate = 1336.34 BOPD
Indicated Wtr Rate = 0.16 BWPD
Corrected Oil Rate = 434.32 BOPD
Corrected Wtr Rate = 0.05 BWPD

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

SET PACKER(S) : 2:30 AM

TIME STARTED OFF BOTTOM : 4:45 AM

WELL TEMPERATURE : 117

INITIAL HYDROSTATIC PRESSURE

(A) 1988

INITIAL FLOW PERIOD MIN: 15

(B) 790 PSI TO (C) : 975

INITIAL CLOSED IN PERIOD MIN: 30

(D) 1197

FINAL FLOW PERIOD MIN: 30

(E) 1053 PSI TO (F) : 1182

FINAL CLOSED IN PERIOD MIN: 60

(G) 1201

FINAL HYDROSTATIC PRESSURE

(H) 1969

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : BALCRON OIL CO
RIG : RUSH-KANSAS
FIELD : HOUSE
WELL : 2-36
DATE : 12/23/88
GAUGE NO : 10270

OPERATIONAL COMMENTS

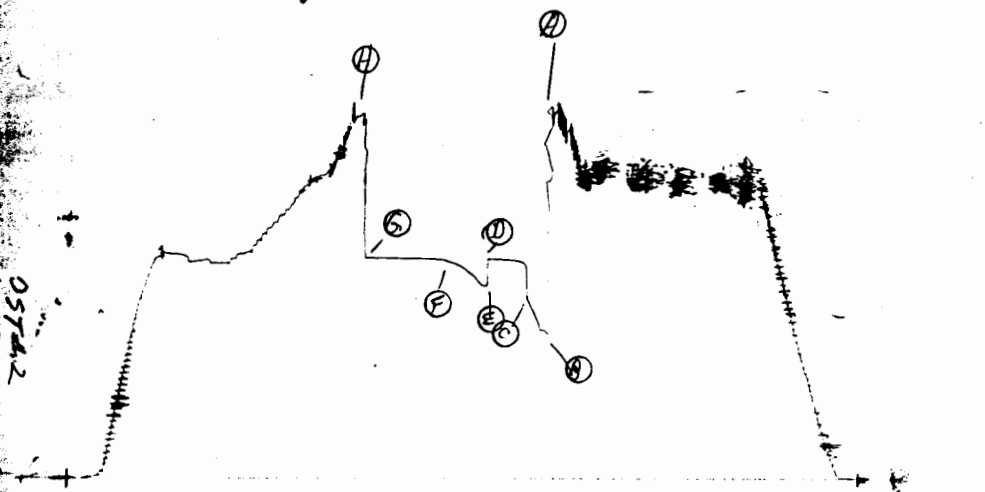
COMPANY : BALCRON OIL CO
 WELL : 2-36
 GAUGE # : 10270
 DATE : 23/12/88

FIELD : HOUSE
 JOB # : 14244
 DEPTH : 3867
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P P1-P(1-1)
INITIAL FLOW PERIOD					
2	2:30:0	0.000	790.000	117.00	0.000
3	2:34:59	0.083	811.000	117.00	21.000
4	2:40:0	0.167	896.000	117.00	85.000
5	2:45:0	0.250	975.000	117.00	79.000
INITIAL SHUT-IN PERIOD					
6	2:48:0	0.300	1168.000	117.00	193.000
7	2:51:0	0.350	1183.000	117.00	15.000
8	2:54:0	0.400	1187.000	117.00	4.000
9	2:57:0	0.450	1191.000	117.00	4.000
10	3:0:0	0.500	1192.000	117.00	1.000
11	3:3:0	0.550	1193.000	117.00	1.000
12	3:6:0	0.600	1194.000	117.00	1.000
13	3:9:0	0.650	1195.000	117.00	1.000
14	3:12:0	0.700	1196.000	117.00	1.000
15	3:15:0	0.750	1197.000	117.00	1.000
FINAL FLOW PERIOD					
16	3:16:0	0.767	1053.000	117.00	-144.000
17	3:19:59	0.833	1061.000	117.00	8.000
18	3:25:0	0.917	1106.000	117.00	45.000
19	3:30:0	1.000	1132.000	117.00	26.000
20	3:34:59	1.083	1158.000	117.00	26.000
21	3:40:0	1.167	1172.000	117.00	14.000
22	3:45:0	1.250	1182.000	117.00	10.000
FINAL SHUT-IN PERIOD					
23	3:48:0	1.300	1191.000	117.00	9.000
24	3:51:0	1.350	1197.000	117.00	6.000
25	3:54:0	1.400	1198.000	117.00	1.000
26	3:57:0	1.450	1198.000	117.00	0.000
27	4:0:0	1.500	1198.000	117.00	0.000
28	4:3:0	1.550	1198.000	117.00	0.000
29	4:6:0	1.600	1198.000	117.00	0.000
30	4:9:0	1.650	1198.000	117.00	0.000
31	4:12:0	1.700	1198.000	117.00	0.000
32	4:15:0	1.750	1198.000	117.00	0.000
33	4:18:0	1.800	1199.000	117.00	1.000
34	4:21:0	1.850	1199.000	117.00	0.000
35	4:24:0	1.900	1200.000	117.00	1.000
36	4:27:0	1.950	1200.000	117.00	0.000
37	4:30:0	2.000	1201.000	117.00	1.000
38	4:33:0	2.050	1201.000	117.00	0.000
39	4:36:0	2.100	1201.000	117.00	0.000
40	4:39:0	2.150	1201.000	117.00	0.000
41	4:42:0	2.200	1201.000	117.00	0.000
42	4:45:0	2.250	1201.000	117.00	0.000

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