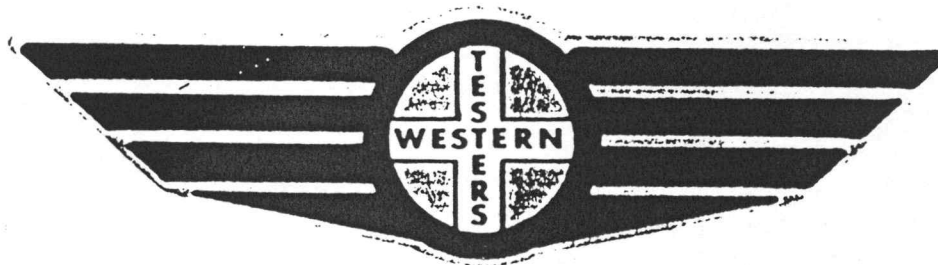


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	5-17-88	TICKET	:	13929
CUSTOMER	:	BEREXCO INC.	LEASE	:	LAVERNE
WELL	:	#4	TEST:	:	1
ELEVATION	:	-	GEOLOGIST	:	C. SPRADLIN
SECTION	:	18	FORMATION	:	KANSAS CITY A
RANGE	:	32W	TOWNSHIP	:	29S
GAUGE SN#	:	13552	STATE	:	KANSAS
		COUNTY :	CLOCK	:	12
		RANGE :			
		HASKELL			
		4050			

INTERVAL FROM	:	4623	TO	:	4639	TOTAL DEPTH	:	4639
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4618	SIZE	:	6.63			
PACKER DEPTH	:	4623	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	BEREDCO	RIG 7		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	55
WEIGHT	:	9.1	WATER LOSS (CC)	:	8.8
CHLORIDES (PPM)	:	1000			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	420
DID WELL FLOW ?	:	YES	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	625	FT	I.D. inch	:	2.25
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3969	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	16	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 : STRONG BLOW THROUGHTOUT BOTH FLOW PERIODS.
BLOW COMMENT #2 : GAS TO SURFACE IN 5 MINUTES ON THE FINAL SHUT-IN.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 510 FT OF: OIL & GAS CUT MUD
(25% OIL)(30% GAS)
RECOVERED : 150 FT OF: SLIGHTLY OIL CUT MUDDY WATER
(1% OIL)(55% WATER)
CHLORIDES: 90000 PPM
RESISTIVITY 0.1 @ 78 DEG.F.

Total Barrels Fluid = 3.56
Total Fluid Prod Rate = 114.06 BFPD
Indicated Oil Rate = 22.29 BOPD
Indicated Wtr Rate = 18.32 BWPD

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

SET PACKER(S) : 4:30 PM
WELL TEMPERATURE : 125
INITIAL HYDROSTATIC PRESSURE (A) 2277
INITIAL FLOW PERIOD MIN: 15 (B) 132 PSI TO (C) : 148
INITIAL CLOSED IN PERIOD MIN: 33 (D) 1267
FINAL FLOW PERIOD MIN: 30 (E) 249 PSI TO (F) : 264
FINAL CLOSED IN PERIOD MIN: 60 (G) 1266
FINAL HYDROSTATIC PRESSURE (H) 2251

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : BEREXCO INC.
RIG : HASKELL-KANSAS
FIELD : LAVERNE
WELL : #4
DATE : 5-17-88
GAUGE NO : 13552

OPERATIONAL COMMENTS

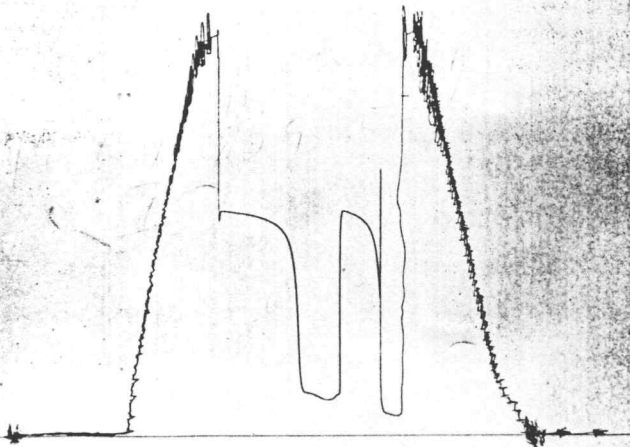
COMPANY : BEREXCO INC.
WELL : #4
GAUGE # : 13552
DATE : 17/ 5/88

FIELD : LAVERNE
JOB # : 13929
DEPTH : 4639
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P $P_i - P(i-1)$
1	4:30: 0	0.000	132.000	125.00	0.000
2	4:34:59	0.083	135.000	125.00	3.000
3	4:40: 0	0.167	139.000	125.00	4.000
4	4:45: 0	0.250	148.000	125.00	9.000
5	4:48: 0	0.300	873.000	125.00	725.000
6	4:51: 0	0.350	1035.000	125.00	162.000
7	4:54: 0	0.400	1117.000	125.00	82.000
8	4:57: 0	0.450	1167.000	125.00	50.000
9	5: 0: 0	0.500	1196.000	125.00	29.000
10	5: 3: 0	0.550	1216.000	125.00	20.000
11	5: 6: 0	0.600	1234.000	125.00	18.000
12	5: 9: 0	0.650	1246.000	125.00	12.000
13	5:12: 0	0.700	1253.000	125.00	7.000
14	5:15: 0	0.750	1263.000	125.00	10.000
15	5:18: 0	0.800	1267.000	125.00	4.000
16	5:19: 0	0.817	249.000	125.00	-1018.000
17	5:22:59	0.883	249.000	125.00	0.000
18	5:28: 0	0.967	232.000	125.00	-17.000
19	5:33: 0	1.050	237.000	125.00	5.000
20	5:37:59	1.133	250.000	125.00	13.000
21	5:43: 0	1.217	259.000	125.00	9.000
22	5:48: 0	1.300	264.000	125.00	5.000
23	5:50:59	1.350	731.000	125.00	467.000
24	5:54: 0	1.400	943.000	125.00	212.000
25	5:56:59	1.450	1043.000	125.00	100.000
26	6: 0: 0	1.500	1103.000	125.00	60.000
27	6: 3: 0	1.550	1141.000	125.00	38.000
28	6: 5:59	1.600	1165.000	125.00	24.000
29	6: 9: 0	1.650	1185.000	125.00	20.000
30	6:12: 0	1.700	1198.000	125.00	13.000
31	6:15: 0	1.750	1211.000	125.00	13.000
32	6:18: 0	1.800	1220.000	125.00	9.000
33	6:21: 0	1.850	1229.000	125.00	9.000
34	6:24: 0	1.900	1235.000	125.00	6.000
35	6:27: 0	1.950	1241.000	125.00	6.000
36	6:30: 0	2.000	1246.000	125.00	5.000
37	6:33: 0	2.050	1250.000	125.00	4.000
38	6:36: 0	2.100	1254.000	125.00	4.000
39	6:39: 0	2.150	1258.000	125.00	4.000
40	6:41:59	2.200	1261.000	125.00	3.000
41	6:45: 0	2.250	1264.000	125.00	3.000
42	6:48: 0	2.300	1266.000	125.00	2.000

WESTERN TESTING CO. INC.

214 # 13929
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JK # 13929
I.

