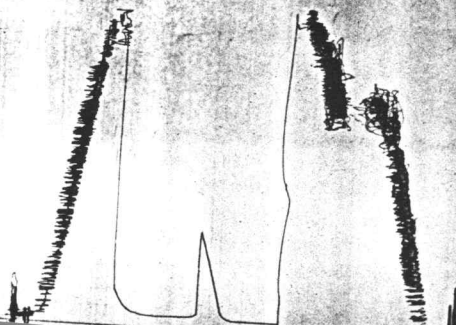


Jkt # 11948

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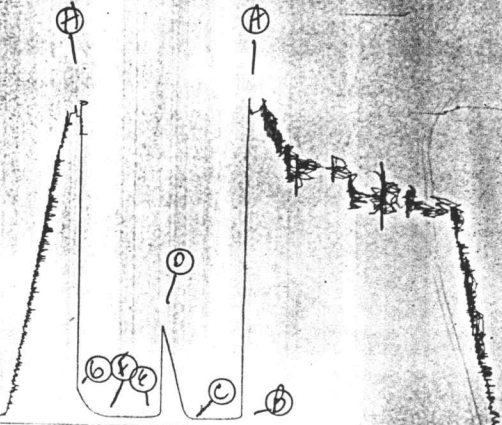
OST #1
13268



SK # 11948

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OST #1
10220



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY LASMO ENERGY CORPORATION LEASE & WELL NO. KIRKMAN #1-33 SEC. 33 TWP. 20S RGE. 14W TEST NO. 1 DATE 10/18/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	10-18-87	TICKET	:	11948
CUSTOMER	:	LASMO ENERGY CORPORATION	LEASE	:	KIRKMAN
WELL	:	#1-33	TEST:	:	1
ELEVATION	:	NA	GEOLOGIST	:	D. WILLIAMS
SECTION	:	33	FORMATION	:	KANSAS CITY
RANGE	:	14W	TOWNSHIP	:	20S
GAUGE SN#	:	10270	STATE	:	KANSAS
		COUNTY :	RANGE :		CLOCK :
			4150		12

INTERVAL FROM	:	3417	TO	:	3431	TOTAL DEPTH	:	3431
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3412	SIZE	:	6.63			
PACKER DEPTH	:	3417	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	L.D. DAVIS	RIG #1		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	40
WEIGHT	:	9.3	WATER LOSS (CC)	:	10
CHLORIDES (PPM)	:	NA			
JARS-MAKE	:	-	SERIAL NUMBER	:	
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3397	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	20	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	14	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-VERY WEAK BLOW THROUGHOUT.
BLOW COMMENT #2	:	FINAL FLOW-NO BLOW.
BLOW COMMENT #3	:	
BLOW COMMENT #4	:	

RECOVERED : 20 FT OF: MUD / WITH SCUM OF OIL ON TOP OF GRINDOUT

Total Barrels Fluid = 0.28
Total Fluid Prod Rate = 6.73 BFPD
Indicated Wtr Rate = 0.67 BWPD

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

SET PACKER(S) : 5:40 AM

TIME STARTED OFF BOTTOM : 7:40 AM

WELL TEMPERATURE : 105

INITIAL HYDROSTATIC PRESSURE

(A) 1693

INITIAL FLOW PERIOD MIN: 30

(B) 31 PSI TO (C) : 31

INITIAL CLOSED IN PERIOD MIN: 30

(D) 525

FINAL FLOW PERIOD MIN: 30

(E) 32 PSI TO (F) : 32

FINAL CLOSED IN PERIOD MIN: 30

(G) 182

FINAL HYDROSTATIC PRESSURE

(H) 1661

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : LASMO ENERGY CORPORATION
RIG : BARTON-KANSAS
FIELD : KIRKMAN
WELL : #1-33
DATE : 10-18-87
GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : LASMO ENERGY CORPORATION
WELL : #1-33
GAUGE # : 10270
DATE : 18/10/87

FIELD : KIRKMAN
JOB # : 11948
DEPTH : 3431
TEST :

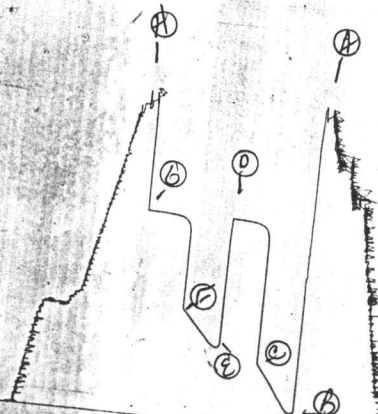
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	5:40: 0	0.000	31.000	105.00	0.000
2	5:44:59	0.083	31.000	105.00	0.000
3	5:50: 0	0.167	31.000	105.00	0.000
4	5:55: 0	0.250	31.000	105.00	0.000
5	5:59:59	0.333	31.000	105.00	0.000
6	6: 5: 0	0.417	31.000	105.00	0.000
7	6:10: 0	0.500	31.000	105.00	0.000
8	6:13: 0	0.550	31.000	105.00	0.000
9	6:16: 0	0.600	34.000	105.00	3.000
10	6:19: 0	0.650	45.000	105.00	11.000
11	6:22: 0	0.700	85.000	105.00	40.000
12	6:25: 0	0.750	171.000	105.00	86.000
13	6:28: 0	0.800	257.000	105.00	86.000
14	6:31: 0	0.850	335.000	105.00	78.000
15	6:34: 0	0.900	402.000	105.00	67.000
16	6:37: 0	0.950	475.000	105.00	73.000
17	6:40: 0	1.000	525.000	105.00	50.000
18	6:41: 0	1.017	32.000	105.00	-493.000
19	6:44:59	1.083	32.000	105.00	0.000
20	6:50: 0	1.167	32.000	105.00	0.000
21	6:55: 0	1.250	32.000	105.00	0.000
22	6:59:59	1.333	32.000	105.00	0.000
23	7: 5: 0	1.417	32.000	105.00	0.000
24	7:10: 0	1.500	32.000	105.00	0.000
25	7:13: 0	1.550	32.000	105.00	0.000
26	7:16: 0	1.600	32.000	105.00	0.000
27	7:19: 0	1.650	33.000	105.00	1.000
28	7:22: 0	1.700	38.000	105.00	5.000
29	7:25: 0	1.750	46.000	105.00	8.000
30	7:28: 0	1.800	53.000	105.00	7.000
31	7:31: 0	1.850	69.000	105.00	16.000
32	7:34: 0	1.900	97.000	105.00	28.000
33	7:37: 0	1.950	134.000	105.00	37.000
34	7:40: 0	2.000	182.000	105.00	48.000

WESTERN TESTING CO. INC.

2K # 1.1949

I

057#2
10270



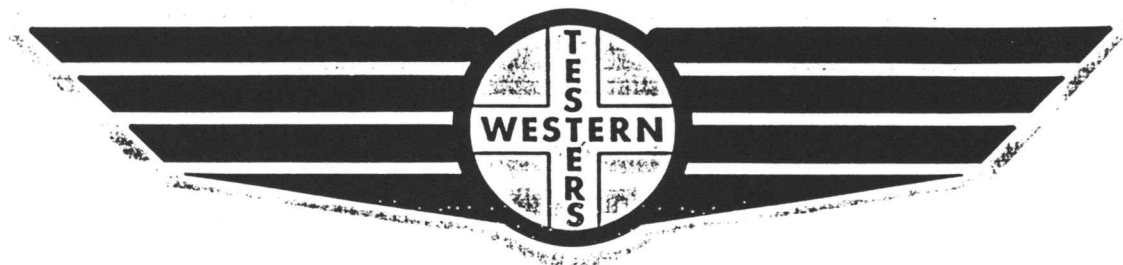
2K # 11949

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OST#2
13268



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY

LASMO ENERGY CORPORATION

LEASE & WELL NO. KIRKMAN #1-33

SEC. 33 TWP. 20S RGE. 14W TEST NO. 2

DATE 10/18/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	10-18-87	TICKET	:	11949	
CUSTOMER	:	LASMO ENERGY CORPORATION	LEASE	:	KIRKMAN	
WELL	:	#1-33 TEST: 2	GEOLOGIST	:	D. WILLIAMS	
ELEVATION	:	NA	FORMATION	:	KANSAS CITY	
SECTION	:	33	TOWNSHIP	:	20S	
RANGE	:	14W	COUNTY :	BARTON	STATE :	KANSAS
GAUGE SN#	:	10270	RANGE :	4150	CLOCK :	12

INTERVAL FROM	:	3440	TO	:	3466	TOTAL DEPTH	:	3466
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3435	SIZE	:	6.63			
PACKER DEPTH	:	3440	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	L.D. DAVIS	RIG #1		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	47
WEIGHT	:	9.2	WATER LOSS (CC)	:	10
CHLORIDES (PPM)	:	10000			
JARS-MAKE	:	-	SERIAL NUMBER	:	-
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	YES

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3420	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	20	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	26	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-STRONG BLOW IN 3 MINUTES.
BLOW COMMENT #2	:	FINAL FLOW-STRONG BLOW IN 4 MINUTES.
BLOW COMMENT #3	:	
BLOW COMMENT #4	:	

RECOVERED : 120 FT OF: MUDDY WATER
RECOVERED : 1080 FT OF: WATER

CHLORIDES: 76000 PPM

Total Barrels Fluid = 16.83
Total Fluid Prod Rate = 403.96 BFPD
Indicated Wtr Rate = 383.76 BWPD

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

SET PACKER(S) : 5:15 PM

TIME STARTED OFF BOTTOM : 7:15 PM

WELL TEMPERATURE : 107

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 30

FINAL FLOW PERIOD MIN: 30

FINAL CLOSED IN PERIOD MIN: 30

FINAL HYDROSTATIC PRESSURE

(A) 1695

(B) 84 PSI TO (C) : 335

(D) 1114

(E) 413 PSI TO (F) : 594

(G) 1112

(H) 1695

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : LASMO ENERGY CORPORATION
RIG : BARTON-KANSAS
FIELD : KIRKMAN
WELL : #1-33
DATE : 10-18-87
GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : LASMO ENERGY CORPORATION
WELL : #1-33
GAUGE # : 10270
DATE : 18/10/87

FIELD : KIRKMAN
JOB # : 11949
DEPTH : 3466
TEST :

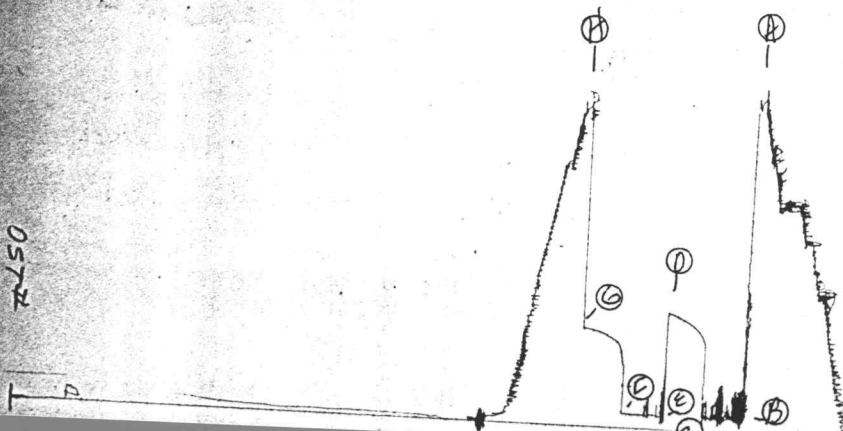
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	5:15: 0	0.000	84.000	107.00	0.000
2	5:19:59	0.083	89.000	107.00	5.000
3	5:25: 0	0.167	129.000	107.00	40.000
4	5:30: 0	0.250	189.000	107.00	60.000
5	5:34:59	0.333	242.000	107.00	53.000
6	5:40: 0	0.417	284.000	107.00	42.000
7	5:45: 0	0.500	335.000	107.00	51.000
8	5:48: 0	0.550	1075.000	107.00	740.000
9	5:51: 0	0.600	1090.000	107.00	15.000
10	5:54: 0	0.650	1099.000	107.00	9.000
11	5:57: 0	0.700	1104.000	107.00	5.000
12	6: 0: 0	0.750	1107.000	107.00	3.000
13	6: 3: 0	0.800	1109.000	107.00	2.000
14	6: 6: 0	0.850	1111.000	107.00	2.000
15	6: 9: 0	0.900	1112.000	107.00	1.000
16	6:12: 0	0.950	1113.000	107.00	1.000
17	6:15: 0	1.000	1114.000	107.00	1.000
18	6:16: 0	1.017	413.000	107.00	-701.000
19	6:19:59	1.083	416.000	107.00	3.000
20	6:25: 0	1.167	445.000	107.00	29.000
21	6:30: 0	1.250	489.000	107.00	44.000
22	6:34:59	1.333	525.000	107.00	36.000
23	6:40: 0	1.417	566.000	107.00	41.000
24	6:45: 0	1.500	594.000	107.00	28.000
25	6:48: 0	1.550	1085.000	107.00	491.000
26	6:51: 0	1.600	1097.000	107.00	12.000
27	6:54: 0	1.650	1103.000	107.00	6.000
28	6:57: 0	1.700	1106.000	107.00	3.000
29	7: 0: 0	1.750	1108.000	107.00	2.000
30	7: 3: 0	1.800	1110.000	107.00	2.000
31	7: 6: 0	1.850	1111.000	107.00	1.000
32	7: 9: 0	1.900	1112.000	107.00	1.000
33	7:12: 0	1.950	1112.000	107.00	0.000
34	7:15: 0	2.000	1112.000	107.00	0.000

WESTERN TESTING CO. INC.

Plot # 11950

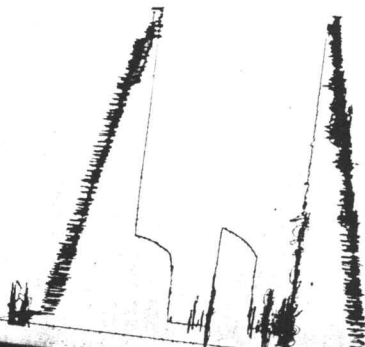
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0572
10220



JK # 11950
0

0572
13468



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY LASMO ENERGY CORPORATION LEASE & WELL NO. KIRKMAN #1-33 SEC. 33 TWP. 20S RGE. 14W TEST NO. 3 DATE 10/19/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	10-19-87	TICKET	:	11950
CUSTOMER	:	LASMO ENERGY CORPORATION	LEASE	:	KIRKMAN
WELL	:	#1-33 TEST: 3	GEOLOGIST	:	D. WILLIAMS
ELEVATION	:	NA	FORMATION	:	
SECTION	:	33	TOWNSHIP	:	20S
RANGE	:	14W	STATE	:	KANSAS
GAUGE SN#	:	10270	CLOCK	:	12
		COUNTY :	BARTON		
		RANGE :	4150		

INTERVAL FROM	:	3525	TO	:	3584	TOTAL DEPTH	:	3584
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3520	SIZE	:	6.63			
PACKER DEPTH	:	3525	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	L.D. DAVIS RIG #1			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	47
WEIGHT	:	9.2	WATER LOSS (CC)	:	9
CHLORIDES (PPM)	:	13000			
JARS-MAKE	:	-	SERIAL NUMBER	:	-
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3505	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	20	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	59	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-WEAK 1" BLOW BUILDING TO FAIR 3" BLOW.
BLOW COMMENT #2	:	FINAL FLOW-FAIR 3" BLOW THROUGHOUT.
BLOW COMMENT #3	:	
BLOW COMMENT #4	:	

RECOVERED : 55 FT OF: MUD

Total Barrels Fluid = 0.77
Total Fluid Prod Rate = 18.51 BFPD
Indicated Wtr Rate = 1.85 BWPD

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

SET PACKER(S) : 12:35 PM

TIME STARTED OFF BOTTOM : 2:35 PM

WELL TEMPERATURE : 108

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

(A) 1776

INITIAL CLOSED IN PERIOD MIN: 30

(B) 70 PSI TO (C) : 70

FINAL FLOW PERIOD MIN: 30

(D) 640

FINAL CLOSED IN PERIOD MIN: 30

(E) 77 PSI TO (F) : 77

FINAL HYDROSTATIC PRESSURE

(G) 539

(H) 1718

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : LASMO ENERGY CORPORATION
RIG : BARTON-KANSAS
FIELD : KIRKMAN
WELL : #1-33
DATE : 10-19-87
GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : LASMO ENERGY CORPORATION
WELL : #1-33
GAUGE # : 10270
DATE : 19/10/87

FIELD : KIRKMAN
JOB # : 11950
DEPTH : 3584
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	12:35: 0	0.000	70.000	108.00	0.000
2	12:39:59	0.083	70.000	108.00	0.000
3	12:45: 0	0.167	70.000	108.00	0.000
4	12:50: 0	0.250	70.000	108.00	0.000
5	12:54:59	0.333	70.000	108.00	0.000
6	13: 0: 0	0.417	70.000	108.00	0.000
7	13: 5: 0	0.500	70.000	108.00	0.000
8	13: 8: 0	0.550	522.000	108.00	452.000
9	13:11: 0	0.600	551.000	108.00	29.000
10	13:14: 0	0.650	573.000	108.00	22.000
11	13:17: 0	0.700	587.000	108.00	14.000
12	13:20: 0	0.750	599.000	108.00	12.000
13	13:23: 0	0.800	610.000	108.00	11.000
14	13:26: 0	0.850	620.000	108.00	10.000
15	13:29: 0	0.900	628.000	108.00	8.000
16	13:32: 0	0.950	635.000	108.00	7.000
17	13:35: 0	1.000	640.000	108.00	5.000
18	13:36: 0	1.017	77.000	108.00	-563.000
19	13:39:59	1.083	77.000	108.00	0.000
20	13:45: 0	1.167	77.000	108.00	0.000
21	13:50: 0	1.250	77.000	108.00	0.000
22	13:54:59	1.333	77.000	108.00	0.000
23	14: 0: 0	1.417	77.000	108.00	0.000
24	14: 5: 0	1.500	77.000	108.00	0.000
25	14: 8: 0	1.550	455.000	108.00	378.000
26	14:11: 0	1.600	479.000	108.00	24.000
27	14:14: 0	1.650	493.000	108.00	14.000
28	14:17: 0	1.700	501.000	108.00	8.000
29	14:20: 0	1.750	514.000	108.00	13.000
30	14:23: 0	1.800	522.000	108.00	8.000
31	14:26: 0	1.850	529.000	108.00	7.000
32	14:29: 0	1.900	532.000	108.00	3.000
33	14:32: 0	1.950	537.000	108.00	5.000
34	14:35: 0	2.000	539.000	108.00	2.000

WESTERN TESTING CO. INC.