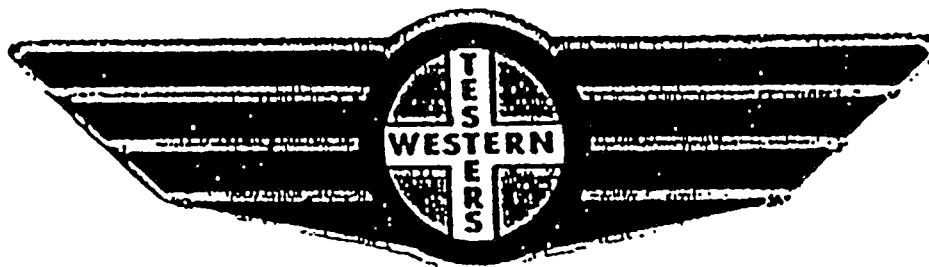


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

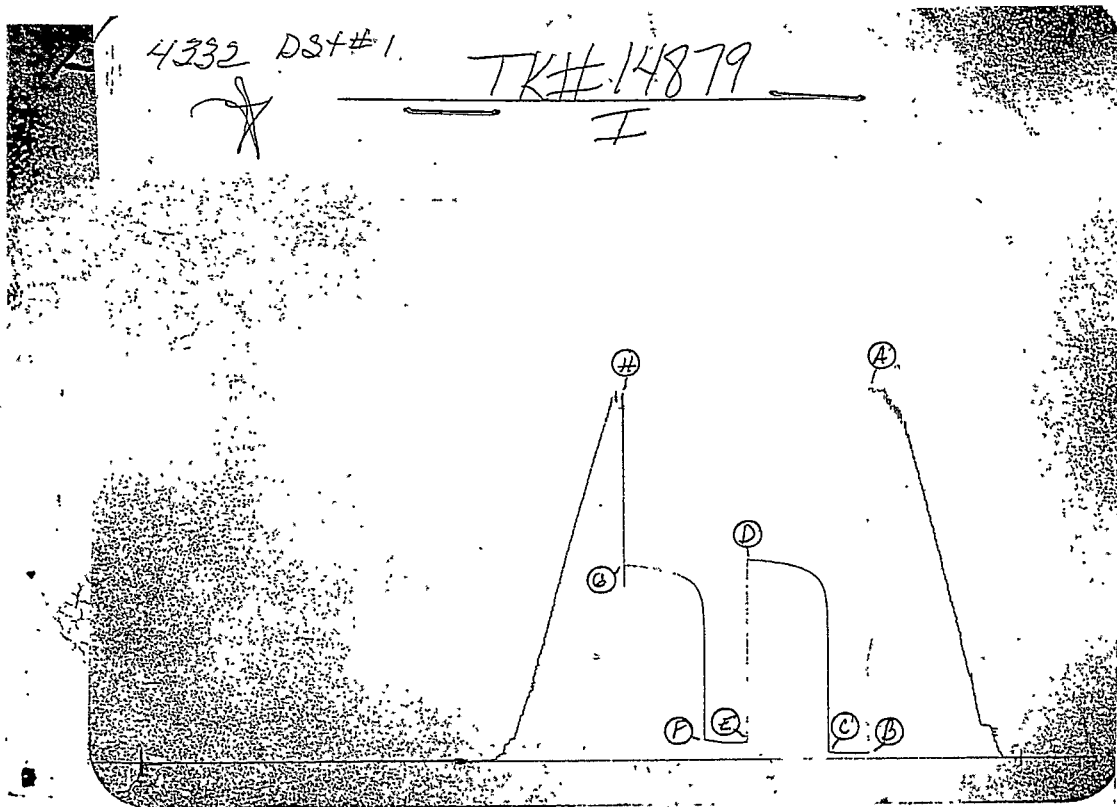
P.O. Box 1599

Phone (316) 262-5861

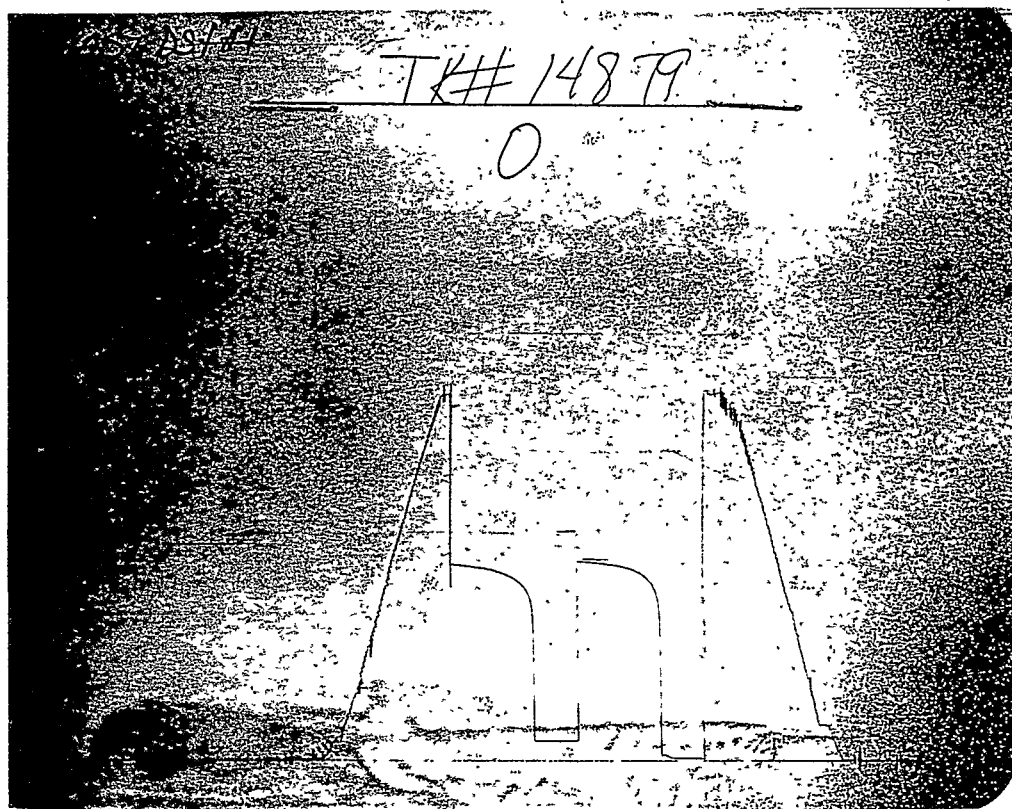
COMPANY LEBSACK OIL PRODUCTION

LEASE & WELL NO. FOSTER #1-18

SEC. 18 TWP. 21S RGE 34W TEST NO. 1 DATE 5/1/89



Inside Recorder



Outside Recorder

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	5/1/89	TICKET	:	14879
CUSTOMER	:	LEBSACK OIL PRODUCTION INC.	LEASE	:	FOSTER
WELL	:	#1-18 TEST: 1	GEOLOGIST	:	LEBSACK
ELEVATION	:	3060 GL	FORMATION	:	K.C.
SECTION	:	18	TOWNSHIP	:	21S
RANGE	:	34W	STATE	:	KANSAS
GAUGE SN#	:	4332	CLOCK	:	12
		COUNTY :	FINNEY		
		RANGE :	4200		

INTERVAL FROM	:	4204	TO	:	4224	TOTAL DEPTH	:	4284
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4204	SIZE	:	6.63			
PACKER DEPTH	:	4224	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ABERCROMBIE DRILLING RIG #1			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	43
WEIGHT	:	9.1	WATER LOSS (CC)	:	9.6
CHLORIDES (PPM)	:	3500			
JARS-MAKE	:		SERIAL NUMBER	:	
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	508	FT	I.D. inch	:	2.50
DRILL PIPE LENGTH	:	3679	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	17	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	20	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-WEAK BLOW BUILDING TO A GOOD
BLOW COMMENT #2	:	6" BLOW
BLOW COMMENT #3	:	FINAL FLOW PERIOD-GOOD 6" BLOW TO A 10" BLOW
BLOW COMMENT #4	:	

RECOVERED : 240 FT OF: MUD CUT WATER

Total Barrels Fluid = 1.46
Total Fluid Prod Rate = 34.97 BFPD
Indicated Wtr Rate = 0.35 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 : 60 FT OF TAIL PIPE

SET PACKER(S) : 4:55 PM
WELL TEMPERATURE : 105

TIME STARTED OFF BOTTOM : 7:55 PM

INITIAL HYDROSTATIC PRESSURE		(A)	2046	
INITIAL FLOW PERIOD	MIN:	30	(B)	32 PSI TO (C) : 32
INITIAL CLOSED IN PERIOD	MIN:	60	(D)	1103
FINAL FLOW PERIOD	MIN:	30	(E)	89 PSI TO (F) : 100
FINAL CLOSED IN PERIOD	MIN:	60	(G)	1077
FINAL HYDROSTATIC PRESSURE			(H)	2019

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : LEBSACK OIL PRODUCTION INC.
RIG : FINNEY-KANSAS
FIELD : FOSTER
WELL : #1-18
DATE : 5/1/89
GAUGE NO : 4332

OPERATIONAL COMMENTS

60 FT OF TAIL PIPE

COMPANY : LEBACK OIL PRODUCTION INC.
WELL : #1-18
GAUGE # : 4332
DATE : 1/ 5/89

FIELD : FOSTER
JOB # : 14879
DEPTH : 4284
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	4:55: 0	0.000	32.000	105.00	0.000
3	4:59:59	0.083	32.000	105.00	0.000
4	5: 5: 0	0.167	32.000	105.00	0.000
5	5:10: 0	0.250	32.000	105.00	0.000
6	5:14:59	0.333	32.000	105.00	0.000
7	5:20: 0	0.417	32.000	105.00	0.000
8	5:25: 0	0.500	32.000	105.00	0.000
INITIAL SHUT-IN PERIOD					
9	5:28: 0	0.550	820.000	105.00	788.000
10	5:31: 0	0.600	961.000	105.00	141.000
11	5:34: 0	0.650	997.000	105.00	36.000
12	5:37: 0	0.700	1020.000	105.00	23.000
13	5:40: 0	0.750	1032.000	105.00	12.000
14	5:43: 0	0.800	1044.000	105.00	12.000
15	5:46: 0	0.850	1056.000	105.00	12.000
16	5:49: 0	0.900	1064.000	105.00	8.000
17	5:52: 0	0.950	1072.000	105.00	8.000
18	5:55: 0	1.000	1077.000	105.00	5.000
19	5:58: 0	1.050	1082.000	105.00	5.000
20	6: 1: 0	1.100	1085.000	105.00	3.000
21	6: 4: 0	1.150	1088.000	105.00	3.000
22	6: 7: 0	1.200	1093.000	105.00	5.000
23	6:10: 0	1.250	1095.000	105.00	2.000
24	6:13: 0	1.300	1099.000	105.00	4.000
25	6:16: 0	1.350	1102.000	105.00	3.000
26	6:19: 0	1.400	1102.000	105.00	0.000
27	6:22: 0	1.450	1102.000	105.00	0.000
28	6:25: 0	1.500	1103.000	105.00	1.000
FINAL FLOW PERIOD					
29	6:26: 0	1.517	89.000	105.00	-1014.000
30	6:29:59	1.583	89.000	105.00	0.000
31	6:35: 0	1.667	89.000	105.00	0.000
32	6:40: 0	1.750	89.000	105.00	0.000
33	6:44:59	1.833	92.000	105.00	3.000
34	6:50: 0	1.917	100.000	105.00	8.000
35	6:55: 0	2.000	100.000	105.00	0.000
FINAL SHUT-IN PERIOD					
36	6:58: 0	2.050	894.000	105.00	794.000
37	7: 1: 0	2.100	950.000	105.00	56.000
38	7: 4: 0	2.150	978.000	105.00	28.000
39	7: 7: 0	2.200	997.000	105.00	19.000
40	7:10: 0	2.250	1010.000	105.00	13.000
41	7:13: 0	2.300	1022.000	105.00	12.000
42	7:16: 0	2.350	1030.000	105.00	8.000
43	7:19: 0	2.400	1037.000	105.00	7.000
44	7:22: 0	2.450	1043.000	105.00	6.000
45	7:25: 0	2.500	1051.000	105.00	8.000
46	7:28: 0	2.550	1056.000	105.00	5.000
47	7:31: 0	2.600	1060.000	105.00	4.000
48	7:34: 0	2.650	1067.000	105.00	7.000

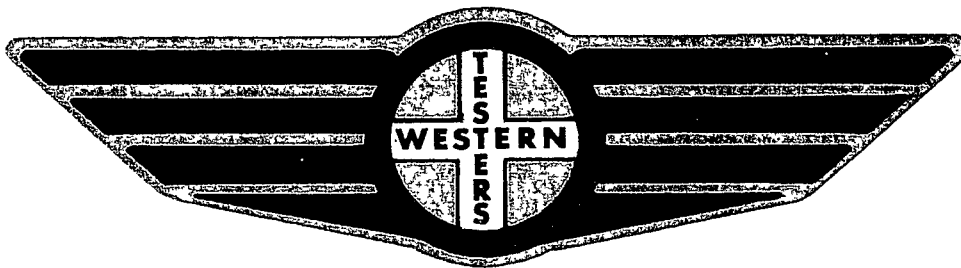
COMPANY : LEBSACK OIL PRODUCTION INC.
WELL : #1-18
GAUGE # : 4332
DATE : 1/ 5/89

FIELD : FOSTER
JOB # : 14879
DEPTH : 4284
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	7:37: 0	2.700	1064.000	105.00	-3.000
50	7:40: 0	2.750	1069.000	105.00	5.000
51	7:43: 0	2.800	1069.000	105.00	0.000
52	7:46: 0	2.850	1069.000	105.00	0.000
53	7:49: 0	2.900	1069.000	105.00	0.000
54	7:52: 0	2.950	1069.000	105.00	0.000
55	7:55: 0	3.000	1077.000	105.00	8.000

WESTERN TESTING CO. INC.

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

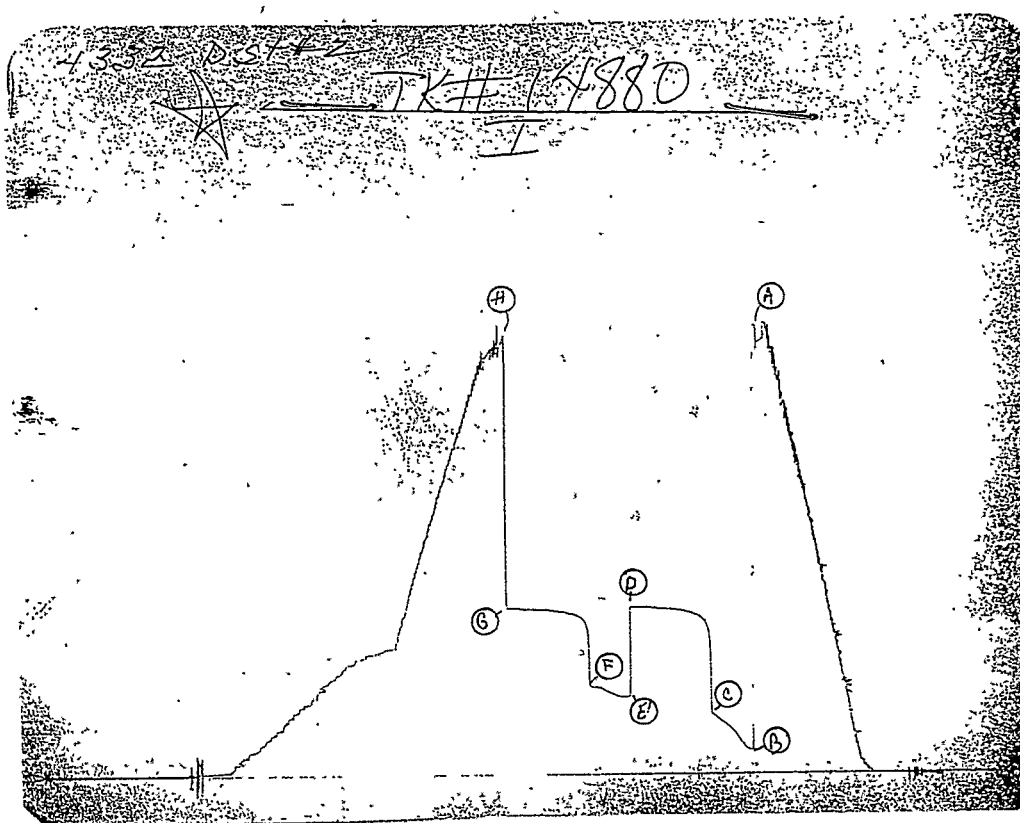
P.O. Box 1599

Phone (316) 262-5861

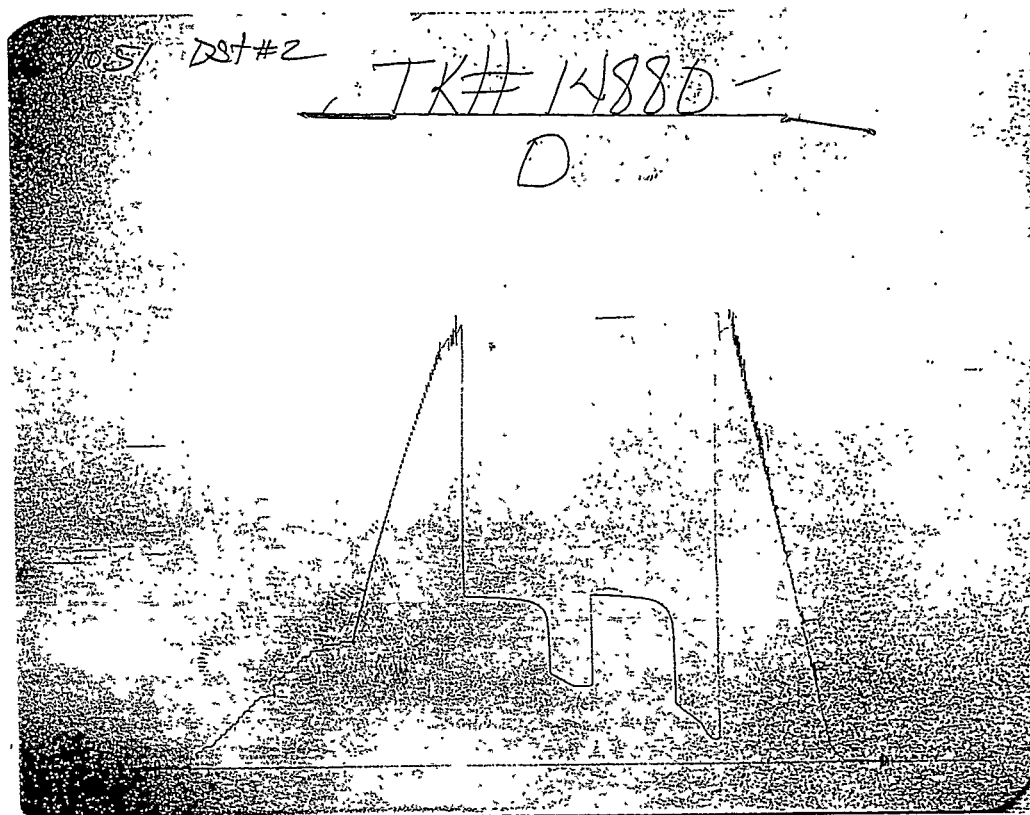
COMPANY LEBSACK OIL PRODUCTION, INC.

LEASE & WELL NO. FOSTER #1-18

SEC. 18 TWP. 21S RGE 34W TEST NO. 273435/4/89



Inside Recorder



Outside Recorder

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 5/4/89	TICKET	: 14880
CUSTOMER	: LEBSACK OIL PRODUCTION INC.	LEASE	: FOSTER
WELL	: #1-18 TEST: 2	GEOLOGIST	: LEBSACK
ELEVATION	: 3060 GL	FORMATION	: MORROW SD
SECTION	: 18	TOWNSHIP	: 21S
RANGE	: 34W	STATE	: KANSAS
GAUGE SN#	: 4332	CLOCK	: 12
	COUNTY : FINNEY		
	RANGE : 4200		

INTERVAL FROM	: 4840	TO	: 4860	TOTAL DEPTH	: 4860
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4835	SIZE	: 6.63		
PACKER DEPTH	: 4840	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: ABERCROMBIE DRILLING RIG #1		
MUD TYPE	: CHEMICAL	VISCOSITY	: 60
WEIGHT	: 9.4	WATER LOSS (CC)	: 9.2
CHLORIDES (PPM)	: 5000		
JARS-MAKE	: NO	SERIAL NUMBER	: NO
DID WELL FLOW ?	: NO	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 179 FT	I.D. inch	: 2.20
WEIGHT PIPE LENGTH	: 508 FT	I.D. inch	: 2.50
DRILL PIPE LENGTH	: 4131 FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 22 FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 20 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 IN 4 MINUTES
BLOW COMMENT #2 : FINAL FLOW PERIOD-STRONG BLOW
BLOW COMMENT #3 : NO GAS TO SURFACE
BLOW COMMENT #4 :

RECOVERED : 60 FT OF: G&OCM 20% GAS-50% OIL-30% MUD
RECOVERED : 1530 FT OF: FREE OIL GRAVITY 29 @ 60 DEGREES
RECOVERED : 90 FT OF: G&WCM 10% GAS-20% OIL-40% WATER-30%MUD
RECOVERED : 90 FT OF: OCW 20% OIL-80% WATER

Total Barrels Fluid = 4.99
Total Fluid Prod Rate = 119.80 BFPD
Indicated Oil Rate = 108.02 BOPD
Indicated Wtr Rate = 11.37 BWPD
Corrected Oil Rate = 65.78 BOPD
Corrected Wtr Rate = 6.92 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 : 2480 FT GAS ABOVE FLUID 34000 PPM

SET PACKER(S) : 1:50 PM TIME STARTED OFF BOTTOM : 4:50 PM
WELL TEMPERATURE : 119
INITIAL HYDROSTATIC PRESSURE (A) 2499
INITIAL FLOW PERIOD MIN: 30 (B) 130 PSI TO (C) : 341
INITIAL CLOSED IN PERIOD MIN: 60 (D) 936
FINAL FLOW PERIOD MIN: 30 (E) 441 PSI TO (F) : 501
FINAL CLOSED IN PERIOD MIN: 60 (G) 934
FINAL HYDROSTATIC PRESSURE (H) 2453

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : LEBSACK OIL PRODUCTION INC.
RIG : FINNEY-KANSAS
FIELD : FOSTER
WELL : #1-18
DATE : 5/4/89
GAUGE NO : 4332

OPERATIONAL COMMENTS

2480 FT GAS ABOVE FLUID 34000 PPM

COMPANY : LEBACK OIL PRODUCTION INC.
WELL : #1-18
GAUGE # : 4332
DATE : 4/ 5/89

FIELD : FOSTER
JOB # : 14880
DEPTH : 4860
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	1:50: 0	0.000	130.000	119.00	0.000
3	1:54:59	0.083	147.000	119.00	17.000
4	2: 0: 0	0.167	198.000	119.00	51.000
5	2: 5: 0	0.250	249.000	119.00	51.000
6	2: 9:59	0.333	281.000	119.00	32.000
7	2:15: 0	0.417	310.000	119.00	29.000
8	2:20: 0	0.500	341.000	119.00	31.000
INITIAL SHUT-IN PERIOD					
9	2:23: 0	0.550	396.000	119.00	55.000
10	2:26: 0	0.600	860.000	119.00	464.000
11	2:29: 0	0.650	883.000	119.00	23.000
12	2:32: 0	0.700	893.000	119.00	10.000
13	2:35: 0	0.750	902.000	119.00	9.000
14	2:38: 0	0.800	910.000	119.00	8.000
15	2:41: 0	0.850	916.000	119.00	6.000
16	2:44: 0	0.900	919.000	119.00	3.000
17	2:47: 0	0.950	923.000	119.00	4.000
18	2:50: 0	1.000	926.000	119.00	3.000
19	2:53: 0	1.050	927.000	119.00	1.000
20	2:56: 0	1.100	928.000	119.00	1.000
21	2:59: 0	1.150	930.000	119.00	2.000
22	3: 2: 0	1.200	932.000	119.00	2.000
23	3: 5: 0	1.250	935.000	119.00	3.000
24	3: 8: 0	1.300	936.000	119.00	1.000
25	3:11: 0	1.350	936.000	119.00	0.000
26	3:14: 0	1.400	936.000	119.00	0.000
27	3:17: 0	1.450	936.000	119.00	0.000
28	3:20: 0	1.500	936.000	119.00	0.000
FINAL FLOW PERIOD					
29	3:21: 0	1.517	441.000	119.00	-495.000
30	3:24:59	1.583	441.000	119.00	0.000
31	3:30: 0	1.667	448.000	119.00	7.000
32	3:35: 0	1.750	462.000	119.00	14.000
33	3:39:59	1.833	484.000	119.00	22.000
34	3:45: 0	1.917	496.000	119.00	12.000
35	3:50: 0	2.000	501.000	119.00	5.000
FINAL SHUT-IN PERIOD					
36	3:53: 0	2.050	855.000	119.00	354.000
37	3:56: 0	2.100	881.000	119.00	26.000
38	3:59: 0	2.150	893.000	119.00	12.000
39	4: 2: 0	2.200	902.000	119.00	9.000
40	4: 5: 0	2.250	906.000	119.00	4.000
41	4: 8: 0	2.300	913.000	119.00	7.000
42	4:11: 0	2.350	913.000	119.00	0.000
43	4:14: 0	2.400	919.000	119.00	6.000
44	4:17: 0	2.450	923.000	119.00	4.000
45	4:20: 0	2.500	923.000	119.00	0.000
46	4:23: 0	2.550	923.000	119.00	0.000
47	4:26: 0	2.600	930.000	119.00	7.000
48	4:29: 0	2.650	930.000	119.00	0.000

COMPANY : LEBSACK OIL PRODUCTION INC.
WELL : #1-18
GAUGE # : 4332
DATE : 4/ 5/89

FIELD : FOSTER
JOB # : 14880
DEPTH : 4860
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	4:32: 0	2.700	930.000	119.00	0.000
50	4:35: 0	2.750	930.000	119.00	0.000
51	4:38: 0	2.800	930.000	119.00	0.000
52	4:41: 0	2.850	934.000	119.00	4.000
53	4:44: 0	2.900	934.000	119.00	0.000
54	4:47: 0	2.950	934.000	119.00	0.000
55	4:50: 0	3.000	934.000	119.00	0.000

WESTERN TESTING CO. INC.



WESTERN TESTING CO., INC. FORMATION TESTING

TICKET NO. 14879

P. O. BOX 599 PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation _____ Formation KC Eff. Pay _____ Ft.

District POPE Date 5-1-59 Customer Order No. _____

COMPANY NAME _____

ADDRESS _____

LEASE AND WELL NO. C-100-1-1 COUNTY POPE STATE KANSAS Sec. 18 Twp. 21 Rge. 24

Mail Invoice To _____ Co. Name _____ Address _____ No. Copies Requested _____

Mail Charts To _____ Address _____ No. Copies Requested _____

Formation Test No. 1 Interval Tested From 4204 ft. to 4224 ft. Total Depth 4224 ft.

Packer Depth 4204 ft. Size 4 1/2 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4224 ft. Size 4 1/2 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4207 ft. Recorder Number 4332 Cap 4200

Bottom Recorder Depth (Outside) 4210 ft. Recorder Number 4051 Cap 4050

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap _____

Drilling Contractor Hebeumhrie Drilling Rig Drill Collar Length _____ I. D. _____ in.

Mud Type Ch. m Viscosity 43 Weight Pipe Length 508 I. D. 2 1/2 in.

Weight 7.1 Water Loss 9.6 cc. Drill Pipe Length 3679 I. D. 3.5 in.

Chlorides 3500 P.P.M. Test Tool Length 17 ft. Tool Size 3 1/2 in.

Jars Make NO Serial Number _____ Anchor Length 20 ft. Size 5 1/2 in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3 1/4 in. Bottom Choke Size 3 1/4 in.

Main Hole Size 7 1/2 in. Tool Joint Size 4 1/2 X 11 in.

Blow 13.5 ft. of 1 1/2 in. drill pipe

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Chlorides _____ P.P.M. Sample Jars used _____ Remarks NO HUNG TO 1 PIPE

Time On Location 1:15 A.M. Time Pick Up Tool 2:45 A.M. Time Off Location _____ A.M.

Time Set Packer (s) 4:55 A.M. Time Started Off Bottom 7:55 A.M. Maximum Temperature 228 F.

Initial Hydrostatic Pressure _____ (A) 2080 P.S.I.

Initial Flow Period _____ Minutes (B) 32 P.S.I. to (C) 12 P.S.I.

Initial Closed In Period _____ Minutes (D) 1124 P.S.I.

Final Flow Period _____ Minutes (E) 108 P.S.I. to (F) 118 P.S.I.

Final Closed In Period _____ Minutes (G) 1023 P.S.I.

Final Hydrostatic Pressure _____ (H) 2057 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By _____ Signature of Customer or his authorized representative.

Western Representative Bob Smith Thank you

FIELD INVOICE

Open Hole Test	\$ _____
Misrun	\$ _____
Straddle Test	\$ _____
Jars	\$ _____
Selective Zone	\$ _____
Safety Joint	\$ _____
Standby	\$ _____
Evaluation	\$ _____
Extra Packer	\$ _____
Circ. Sub.	\$ _____
Mileage	\$ _____
Fluid Sampler	\$ _____
Extra Charts	\$ _____
Insurance	\$ _____
Telecopier	\$ _____
TOTAL	\$ _____