



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO 19769

P. O. BOX 1599 PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation 3044 GL Formation MORROW Eff. Pay _____ Ft.District Augusta Date 11-28-93 Customer Order No. _____COMPANY NAME Lebsack Oil Production Inc.ADDRESS P.O. Box 489 Hays, KS. 67601LEASE AND WELL NO. Kester 2-18 COUNTY Finney STATE KS Sec. 18 Twp. 21 Rge. 34

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

Mail Charts To #2-18 L.R. Kester Address Same No. Copies Requested _____Formation Test No. 1 Interval Tested From 4767 ft. to 4835 ft. Total Depth 4835 ft.Packer Depth 4762 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.Packer Depth 4767 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4800 ft. Recorder Number 13521 Cap. 4300Bottom Recorder Depth (Outside) 4835 ft. Recorder Number 13548 Cap. 4075

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

Drilling Contractor Abercrombie #8 Drill Collar Length _____ I. D. _____ in.Mud Type Chemical Viscosity 47 Weight Pipe Length 628 I. D. _____ in.Weight 9.1 Water Loss 10.4 cc. Drill Pipe Length 4111 I. D. 3.8 in.Chlorides 7000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.Jars: Make WTC Serial Number 460 Anchor Length 68 ft. Size 5 1/2 in.Did Well Flow? _____ Reversed Out _____ Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x 14 in.Blow: Weak Steady Blow 1 inch in BucketRecovered 5 ft. of Slightly oil specked mud

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Chlorides _____ P.P.M. Sample Jars used _____ Remarks: Read Outside ChartTime On Location 8:40 A.M. Time Pick Up Tool 10:00 A.M. Time Off Location _____ A.M.Time Set Packer(s) 12:05 P.M. Time Started Off Bottom 3:50 P.M. Maximum Temperature 131°Initial Hydrostatic Pressure _____ (A) 2393 P.S.I.Initial Flow Period _____ Minutes 30 (B) 110 P.S.I. to (C) 66 P.S.I.Initial Closed In Period _____ Minutes 45 (D) 475 P.S.I.Final Flow Period _____ Minutes 60 (E) 121 P.S.I. to (F) 66 P.S.I.Final Closed In Period _____ Minutes 90 (G) 508 P.S.I.Final Hydrostatic Pressure _____ (H) 2393 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 Wayne Lebsack

Signature of Customer or his authorized representative

Western Representative Stuart StorerThanks!

FIELD INVOICE

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

WESTERN TESTING CO., INC.

Pressure Data

Date 11-28-93 Test Ticket No. 19769
 Recorder No. 13521548 Capacity _____ Location _____ Ft
 Clock No. _____ Elevation _____ Well Temperature _____ °F
 Point 1249 Pressure 2420 2367
 A Initial Hydrostatic Mud _____ P.S.I. Open Tool _____ M
 B First Initial Flow Pressure 122 P.S.I. First Flow Pressure _____ Mins. _____ Min.
 C First Final Flow Pressure 96 P.S.I. Initial Closed-in Pressure _____ Mins. _____ Min.
 D Initial Closed-in Pressure 534 P.S.I. Second Flow Pressure _____ Mins. _____ Min.
 E Second Initial Flow Pressure 131 P.S.I. Final Closed-in Pressure _____ Mins. _____ Min.
 F Second Final Flow Pressure 102 P.S.I.
 G Final Closed-in Pressure 554 P.S.I.
 H Final Hydrostatic Mud 2420 2367 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure			Initial Shut-In			Second Flow Pressure			Final Shut-In		
Breakdown: _____ Inc.			Breakdown: _____ Inc.			Breakdown: _____ Inc.			Breakdown: _____ Inc.		
of <u>5</u> mins. and a			of <u>3</u> mins. and a			of <u>5</u> mins. and a			of <u>3</u> mins. and a		
final inc. of <u>0</u> Min.			final inc. of <u>0</u> Min.			final inc. of <u>0</u> Min.			final inc. of <u>0</u> Min.		
Point Mins.	Press.		Point Minutes	Press.		Point Minutes	Press.		Point Minutes	Press.	
B P 1 0	111 122		C 0	88 96		E 0	119 131		F 0	93 102	
P 2 5	111 122		3	89 97		5	119 131		3	97 106	
P 3 10	100 109		6	105 110		10	107 117		6	102 111	
P 4 15	93 102		9	154 168		15	100 110		9	114 125	
P 5 20	91 100		12	209 228		20	98 107		12	109 131	
P 6 25	89 97		15	257 281		25	96 105		15	122 138	
C P 7 30	88 96		18	324 332		30	95 104		18	104 223	
P 8 35			21	343 375		35			21	107 259	
P 9 40			24	381 416		40	95		24	102 280	
P 10 45			27	409 447		45	93 102		27	105 312	
P 11 50			30	430 470		50			30	108 336	
P 12 55			33	447 489		55			33	114 354	
P 13 60			36	460 502		F 60	93 102		36	114 374	
P 14 65			39	474 518		65			39	118 382	
P 15 70			42	482 527		70			42	126 410	
P 16 75			D 45	487 534		75			45	137 423	
P 17 80			48			80			48	137 434	
P 18 85			51			85			51	109 447	
P 19 90			54			90			54	111 460	
P 20 95			57			95			57	120 470	
100			60			100			60	137 478	

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WESTERN TESTING CO., INC.
Pressure Data

Date _____

Test Ticket No. 19769

Recorder No. _____ Capacity _____ Location _____ Ft.

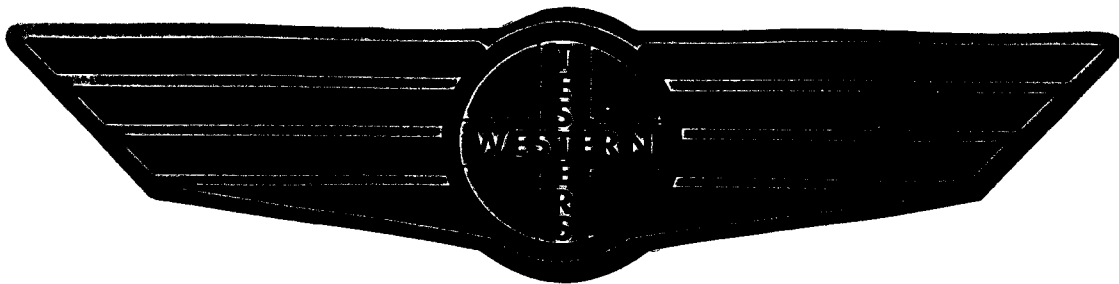
Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud _____ P.S.I.	Open Tool _____ M		
B First Initial Flow Pressure _____ P.S.I.	First Flow Pressure _____ Mins. _____ Mins.		
C First Final Flow Pressure _____ P.S.I.	Initial Closed-in Pressure _____ Mins. _____ Mins.		
D Initial Closed-in Pressure _____ P.S.I.	Second Flow Pressure _____ Mins. _____ Mins.		
E Second Initial Flow Pressure _____ P.S.I.	Final Closed-in Pressure _____ Mins. _____ Mins.		
F Second Final Flow Pressure _____ P.S.I.			
G Final Closed-in Pressure _____ P.S.I.			
H Final Hydrostatic Mud _____ P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of _____ mins. and a		of _____ mins. and a		of _____ mins. and a		of _____ mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 105		63		105		63 415	487
P 2 110		66		110		66 453	496
P 3 115		69		115		69 461	503
P 4 120		72		120		72 468	511
P 5 125		75		125		75 474	518
P 6 130		78		130		78 480	524
P 7 135		81		135		81 486	531
P 8 140		84		140		84 492	538
P 9 145		87		145		87 496	542
P10 150		90		150		90 499	545
P11 155		93		155		93 504	551
P12 160		96		160		96 507	554
P13 165		99		165		99	
P14 170		102		170		102	
P15 175		105		175		105	
P16 180		108		180		108	
P17 185		111		185		111	
P18 190		114		190		114	
P19 195		117		195		117	
P20 200		120		200		120	

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

COMPANY LEBSACK OIL PRODUCTION, INC. LEASE & WELL NO. #2-18 L R KESTER SEC. 18 TWP. 21S RGE. 34W TEST NO. 1 DATE 11/28/93

DST REPORT

GENERAL INFORMATION

DATE	: 11/28/93	TICKET	: 19769
CUSTOMER	: LEBSACK OIL PRODUCTION	LEASE	: L R KESTER
WELL	: #2-18	TEST: 1	GEOLOGIST: LEBSACK
ELEVATION	: 3044 GL	FORMATION	: MORROW
SECTION	: 18	TOWNSHIP	: 21S
RANGE	: 34W	STATE	: KS
GAUGE SN#	: 13548	RANGE	: 4075
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	4767.00 ft	TO:	4835.00 ft	TVD:	4835.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	4800.0 ft		4835.0 ft		
TEMPERATURE:	131.0				
DRILL COLLAR LENGTH:	0.0 ft	I.D.:		0.000 in	
WEIGHT PIPE LENGTH :	628.0 ft	I.D.:		2.700 in	
DRILL PIPE LENGTH :	4111.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	68.0 ft	ANCHOR SIZE:		5.500 in	
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:		0.750 in	
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :		4.5XH	
PACKER DEPTH:	4762.0 ft	SIZE:		6.750 in	
PACKER DEPTH:	4767.0 ft	SIZE:		6.750 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON. :	ABERCROMBIE RIG 8	VISCOSITY :	47.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	10.400 cc
WEIGHT :	9.100 ppg		
CHLORIDES :	7000 ppm	SERIAL NUMBER:	460
JARS-MAKE :	WTC	REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

WEAK STEADY BLOW - 1 INCH IN BUCKET.
READ OUTSIDE RECORDER

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
5.0	0.0	0.0	0.0	100.0	SLIGHTLY OIL SPECKED MUD
0.0	0.0	0.0	0.0	0.0	OIL < 1%

RATE INFORMATION

OIL VOLUME:	0.0000	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.0354	STB	TOTAL FLOW TIME:	90.0000 min.
WATER VOLUME:	0.0000	STB	AVERAGE OIL RATE:	0.0000 STB/D
TOTAL FLUID :	0.0354	STB	AVERAGE WATER RATE:	0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2393.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	110.00	66.00
INITIAL SHUT-IN	45.00		475.00
FINAL FLOW	60.00	121.00	66.00
FINAL SHUT-IN	90.00		508.00

FINAL HYDROSTATIC PRESSURE: 2393.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2367.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	111.00	88.00
INITIAL SHUT-IN	45.00		487.00
FINAL FLOW	60.00	119.00	93.00
FINAL SHUT-IN	96.00		507.00

FINAL HYDROSTATIC PRESSURE: 2367.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 11/28/93	TICKET : 19769
CUSTOMER : LEBSACK OIL PRODUCTION	LEASE : L R KESTER
WELL : #2-18 TEST: 1	GEOLOGIST: LEBSACK
ELEVATION: 3044 GL	FORMATION: MORROW
SECTION : 18	TOWNSHIP : 21S
RANGE : 34W COUNTY: FINNEY	STATE : KS
GAUGE SN#: 13548 RANGE : 4075	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	111.00	111.00
5.00	111.00	0.00
10.00	100.00	-11.00
15.00	93.00	-7.00
20.00	91.00	-2.00
25.00	89.00	-2.00
30.00	88.00	-1.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	89.00	89.00	0.00
6.00	105.00	16.00	0.00
9.00	154.00	49.00	0.00
12.00	209.00	55.00	0.00
15.00	257.00	48.00	0.00
18.00	304.00	47.00	0.00
21.00	343.00	39.00	0.00
24.00	381.00	38.00	0.00
27.00	409.00	28.00	0.00
30.00	430.00	21.00	0.00
33.00	447.00	17.00	0.00
36.00	460.00	13.00	0.00
39.00	474.00	14.00	0.00
42.00	482.00	8.00	0.00
45.00	487.00	5.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	119.00	119.00
5.00	119.00	0.00
10.00	107.00	-12.00
15.00	100.00	-7.00
20.00	98.00	-2.00
25.00	96.00	-2.00
30.00	95.00	-1.00
35.00	95.00	0.00
40.00	95.00	0.00
45.00	93.00	-2.00
50.00	93.00	0.00
55.00	93.00	0.00
60.00	93.00	0.00

FINAL SHUT IN

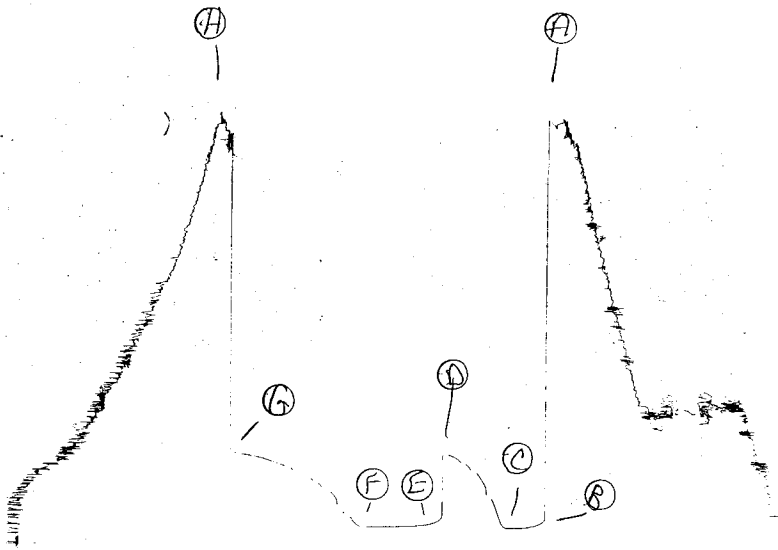
Time (min)	Pressure	Delta P	Horner T
3.00	97.00	97.00	0.00
6.00	102.00	5.00	0.00
9.00	114.00	12.00	0.00
12.00	139.00	25.00	0.00
15.00	172.00	33.00	0.00
18.00	204.00	32.00	0.00
21.00	237.00	33.00	0.00
24.00	262.00	25.00	0.00
27.00	285.00	23.00	0.00
30.00	308.00	23.00	0.00
33.00	324.00	16.00	0.00
36.00	342.00	18.00	0.00
39.00	358.00	16.00	0.00
42.00	376.00	18.00	0.00
45.00	387.00	11.00	0.00
48.00	397.00	10.00	0.00
51.00	409.00	12.00	0.00
54.00	421.00	12.00	0.00
57.00	430.00	9.00	0.00
60.00	437.00	7.00	0.00
63.00	445.00	8.00	0.00
66.00	453.00	8.00	0.00
69.00	461.00	8.00	0.00
72.00	468.00	7.00	0.00
75.00	474.00	6.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

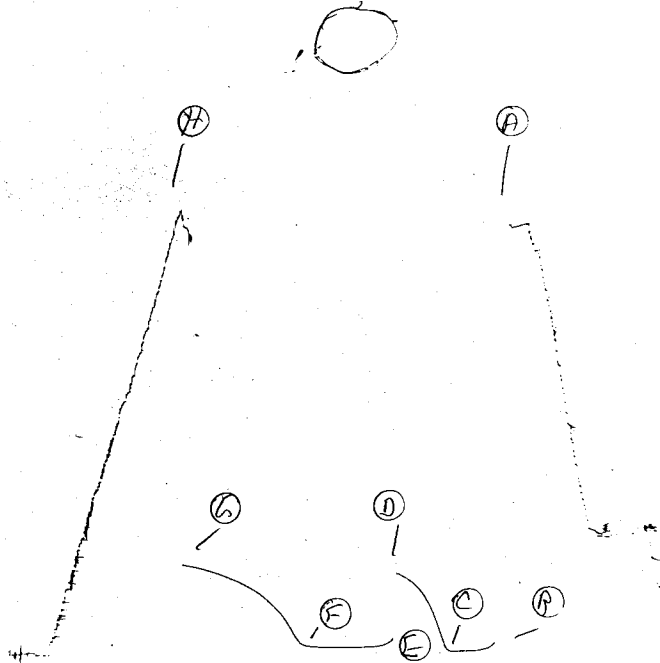
FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
78.00	480.00	6.00	0.00
81.00	486.00	6.00	0.00
84.00	492.00	6.00	0.00
87.00	496.00	4.00	0.00
90.00	499.00	3.00	0.00
93.00	504.00	5.00	0.00
96.00	507.00	3.00	0.00

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