

DST REPORT

GENERAL INFORMATION

DATE : 11-17-95  
CUSTOMER : HUGOTON ENERGY  
WELL : #5-9 TEST: 1  
ELEVATION: 3002 K.B.  
SECTION : 9  
RANGE : 34W COUNTY: HASKELL  
GAUGE SN#: 1562 RANGE : 3900  
TICKET : 21545  
LEASE : MLP CLAWSON  
GEOLOGIST: CURTIS COVEY  
FORMATION: LANSING "A"  
TOWNSHIP : 29S  
STATE : KS  
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4069.00 ft TO: 4105.00 ft TVD: 4105.0 ft  
DEPTH OF SELECTIVE ZONE: 0 TEST TYPE: OIL  
DEPTH OF RECORDERS: 4089.0 ft 4092.0 ft  
TEMPERATURE: 116.0  
DRILL COLLAR LENGTH: 150.0 ft I.D.: 2.250 in  
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in  
DRILL PIPE LENGTH : 3897.0 ft I.D.: 3.800 in  
TEST TOOL LENGTH : 22.0 ft TOOL SIZE : 5.500 in  
ANCHOR LENGTH : 36.0 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: 4064.0 ft SIZE: 6.630 in  
PACKER DEPTH: 4069.0 ft SIZE: 6.630 in  
PACKER DEPTH: 0.0 ft SIZE: 0.000 in  
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : MURFIN #20  
MUD TYPE : CHEMICAL VISCOSITY : 55.00 cp  
WEIGHT : 8.700 ppg WATER LOSS: 12.400 cc  
CHLORIDES : 1400 ppm  
JARS-MAKE : NO SERIAL NUMBER:  
DID WELL FLOW?: NO REVERSED OUT?: NO

COMMENTS

Comment

WEAK SURFACE BLOW SLOWLY INCREASING TO 4" IN  
BUCKET ON INITIAL FLOW PERIOD. FAIR BLOW 7" IN  
BUCKET ON FINAL FLOW PERIOD.

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

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FLUID RECOVERY

Feet of Fluid	%	%	%	%	Comments
Oil	Gas	Water	Mud		
40.0	0.0	0.0	0.0	100.0	MUD
0.0	0.0	0.0	0.0	0.0	CHLORIDES 2100 PPM

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	60.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.1967	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.1967	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1964.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	40.00	40.00
INITIAL SHUT-IN	30.00		140.00
FINAL FLOW	30.00	50.00	50.00
FINAL SHUT-IN	30.00		140.00

FINAL HYDROSTATIC PRESSURE: 1895.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1955.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	70.00	45.00
INITIAL SHUT-IN	30.00		150.00
FINAL FLOW	30.00	70.00	52.00
FINAL SHUT-IN	30.00		148.00

FINAL HYDROSTATIC PRESSURE: 1907.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 11-17-95	TICKET	: 21545
CUSTOMER	: HUGOTON ENERGY	LEASE	: MLP CLAWSON
WELL	: #5-9	TEST:	1
ELEVATION:	3002 K.B.	GEOLOGIST:	CURTIS COVEY
SECTION	: 9	FORMATION:	LANSING "A"
RANGE	: 34W	TOWNSHIP	: 29S
Gauge SN#:	15620	COUNTY:	HASKELL
		STATE	: KS
		RANGE	: 3900
		CLOCK	: 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	70.00	70.00
5.00	56.00	-14.00
10.00	49.00	-7.00
15.00	46.00	-3.00
20.00	45.00	-1.00
25.00	45.00	0.00
30.00	45.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	49.00	49.00	0.00
6.00	54.00	5.00	0.00
9.00	65.00	11.00	0.00
12.00	77.00	12.00	0.00
15.00	90.00	13.00	0.00
18.00	103.00	13.00	0.00
21.00	116.00	13.00	0.00
24.00	129.00	13.00	0.00
27.00	140.00	11.00	0.00
30.00	150.00	10.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	70.00	70.00

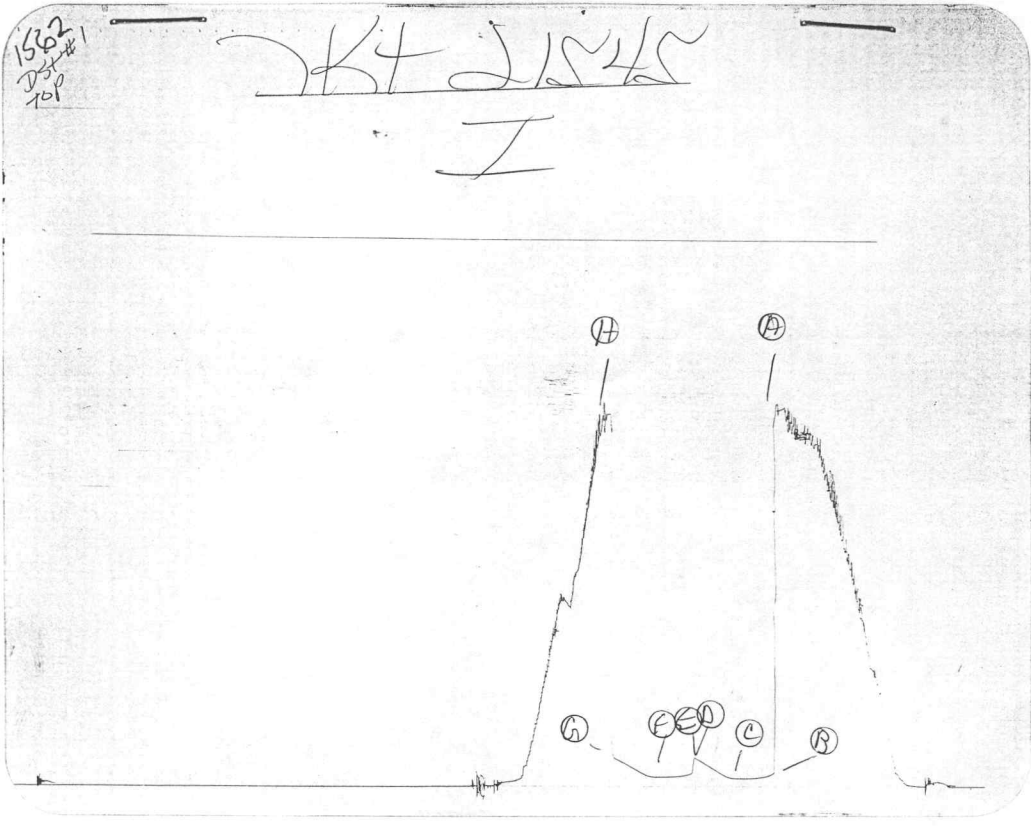
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

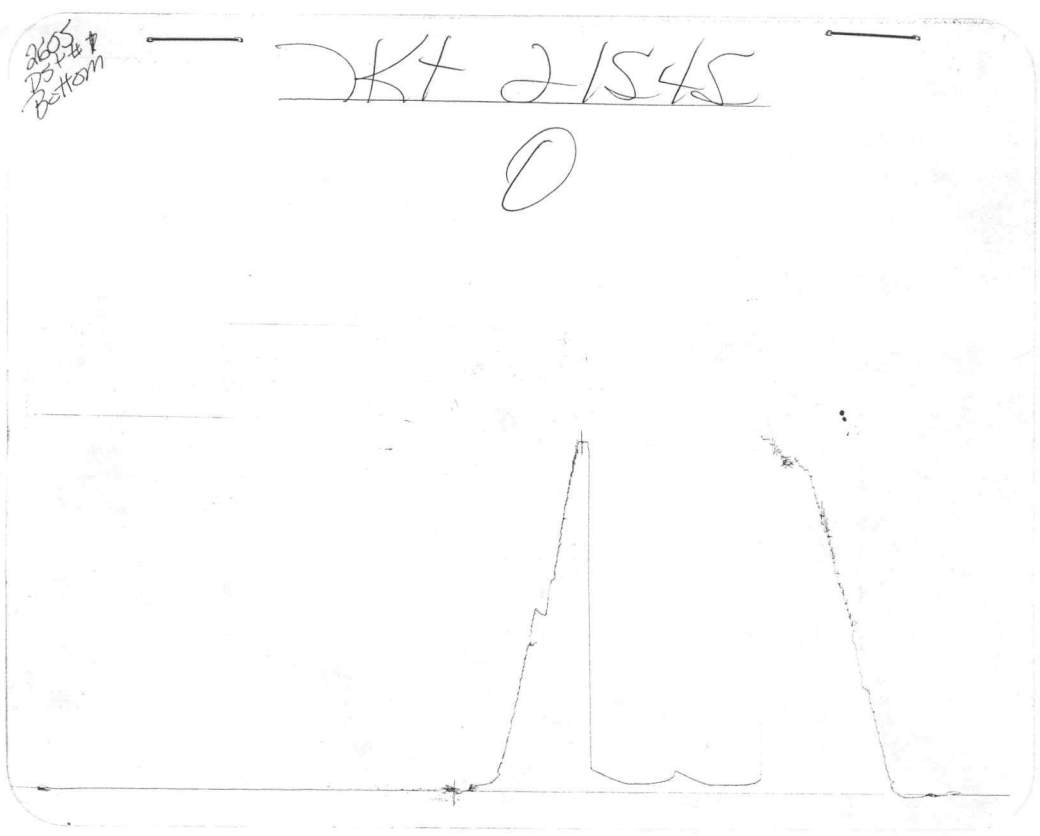
Time (min)	Pressure	Delta P
5.00	61.00	-9.00
10.00	54.00	-7.00
15.00	52.00	-2.00
20.00	52.00	0.00
25.00	52.00	0.00
30.00	52.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	52.00	52.00	0.00
6.00	57.00	5.00	0.00
9.00	65.00	8.00	0.00
12.00	74.00	9.00	0.00
15.00	86.00	12.00	0.00
18.00	98.00	12.00	0.00
21.00	110.00	12.00	0.00
24.00	123.00	13.00	0.00
27.00	132.00	9.00	0.00
30.00	148.00	16.00	0.00



Inside Recorder



Outside Recorder