

ORIGINAL

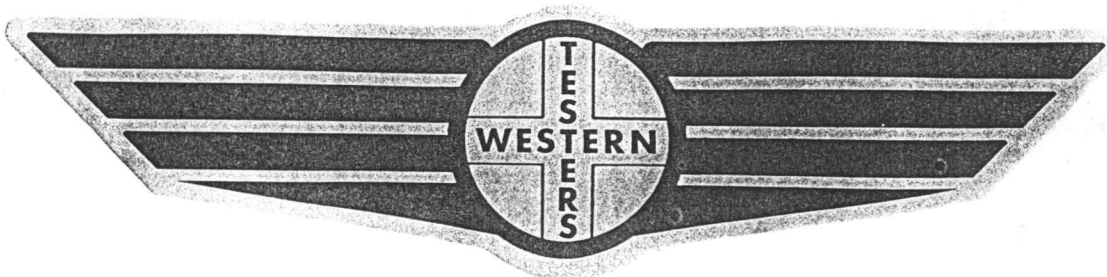
FORMATION

TEST

KCC

MAY 12 1995

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

COMPANY JOHN O FARMER, INC. HPL 10-101-64101
LEASE & WELL NO. #1 MCFALL
SEC. 28 TWP. 29S RGE. 13W TEST NO. 2 DATE 8/27/94

ORIGINAL

DST REPORT

GENERAL INFORMATION

DATE : 8/27/94	TICKET : 20524
CUSTOMER : JOHN O FARMER, INC.	LEASE : MCFALL
WELL : #1	GEOLOGIST: MCGINNESS
ELEVATION: 1935 GL	FORMATION: SIMPSON
SECTION : 28	TOWNSHIP : 29S
RANGE : 13W	STATE : KS
GAUGE SN#: 1566	CLOCK : 12
COUNTY: PRATT	
RANGE : 4300	

WELL INFORMATION

PERFORATION INTERVAL FROM: 4612.00 ft TO: 4632.00 ft TVD: 4632.0 ft	
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL	
DEPTH OF RECORDERS: 4615.0 ft	4632.0 ft
TEMPERATURE: 121.0	
DRILL COLLAR LENGTH: 0.0 ft	I.D.: 0.000 in
WEIGHT PIPE LENGTH : 317.0 ft	I.D.: 0.000 in
DRILL PIPE LENGTH : 4274.0 ft	I.D.: 3.800 in
TEST TOOL LENGTH : 21.0 ft	TOOL SIZE : 5.500 in
ANCHOR LENGTH : 20.0 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: 4607.0 ft	SIZE: 6.630 in
PACKER DEPTH: 4612.0 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. : EMPHASIS	VISCOSITY : 49.00 cp
MUD TYPE : CHEMICAL	WATER LOSS: 9.600 cc
WEIGHT : 9.300 ppg	
CHLORIDES : 8500 ppm	
JARS-MAKE :	SERIAL NUMBER:
DID WELL FLOW?: NO	REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD DIED IN 5 MINUTES. FINAL FLOW
PERIOD NO BLOW - FLUSHED TOOL - SURGE IN BUCKET-
NO BLOW.

ORIGINAL

DST REPORT (CONTINUED)

KCC

MAY 12 1995

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
10.0	0.0	0.0	0.0	100.0	DRILLING MUD

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:	0.0000	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.0000	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2364.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	113.00	56.00
INITIAL SHUT-IN	30.00		68.00
FINAL FLOW	30.00	56.00	56.00
FINAL SHUT-IN	30.00		56.00

FINAL HYDROSTATIC PRESSURE: 2320.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2364.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	75.00	34.00
INITIAL SHUT-IN	30.00		27.00
FINAL FLOW	30.00	27.00	44.00
FINAL SHUT-IN	30.00		31.00

FINAL HYDROSTATIC PRESSURE: 2328.00

ORIGINAL 33X PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 8/27/94	TICKET	: 20524
CUSTOMER	: JOHN O FARMER, INC.	LEASE	: MCFALL
WELL	: #1	GEOLOGIST	: MCGINNESS
ELEVATION	: 1935 GL	FORMATION	: SIMPSON
SECTION	: 28	TOWNSHIP	: 29S
RANGE	: 13W	STATE	: KS
GAUGE SN#	: 1566	CLOCK	: 12
	COUNTY: PRATT		
	RANGE : 4300		

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	75.00	75.00
5.00	75.00	0.00
10.00	62.00	-13.00
15.00	53.00	-9.00
20.00	42.00	-11.00
25.00	36.00	-6.00
30.00	34.00	-2.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	34.00	34.00	0.00
6.00	33.00	-1.00	0.00
9.00	33.00	0.00	0.00
12.00	34.00	1.00	0.00
15.00	34.00	0.00	0.00
18.00	32.00	-2.00	0.00
21.00	30.00	-2.00	0.00
24.00	29.00	-1.00	0.00
27.00	28.00	-1.00	0.00
30.00	27.00	-1.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	27.00	27.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

Time (min)	Pressure	Delta P
5.00	111.00	84.00
10.00	105.00	-6.00
15.00	82.00	-23.00
20.00	64.00	-18.00
25.00	54.00	-10.00
30.00	44.00	-10.00

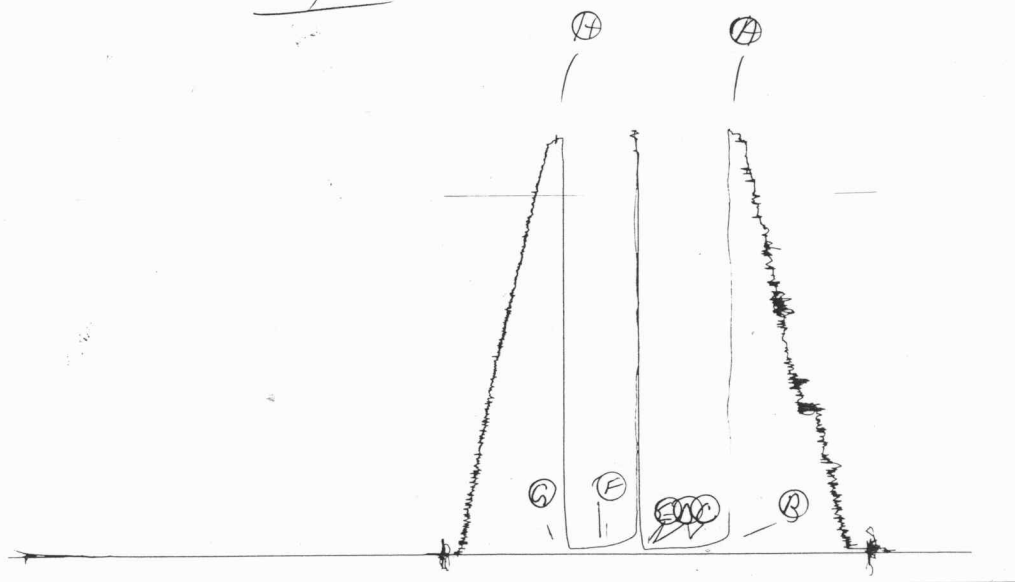
FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	43.00	43.00	0.00
6.00	43.00	0.00	0.00
9.00	40.00	-3.00	0.00
12.00	38.00	-2.00	0.00
15.00	36.00	-2.00	0.00
18.00	35.00	-1.00	0.00
21.00	34.00	-1.00	0.00
24.00	33.00	-1.00	0.00
27.00	32.00	-1.00	0.00
30.00	31.00	-1.00	0.00

KT 20524

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20524

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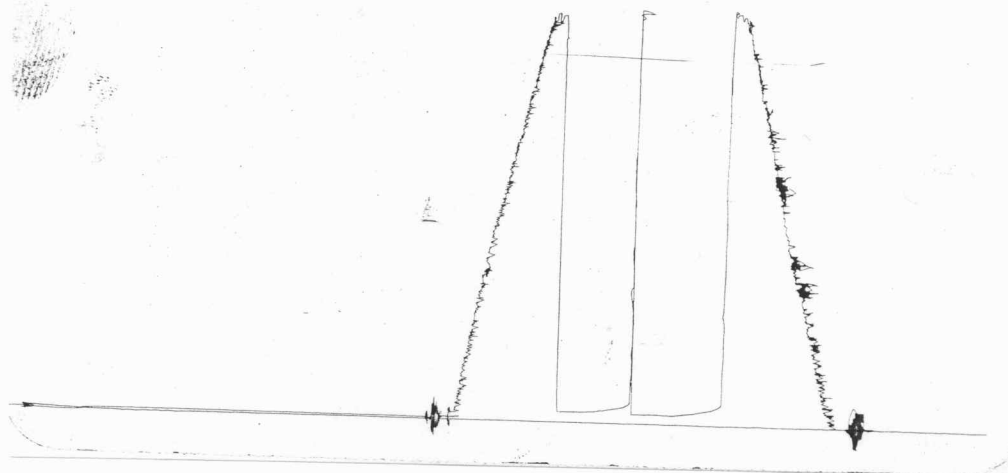


Inside Recorder

KT 20524

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20524

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Outside Recorder

ORIGINAL

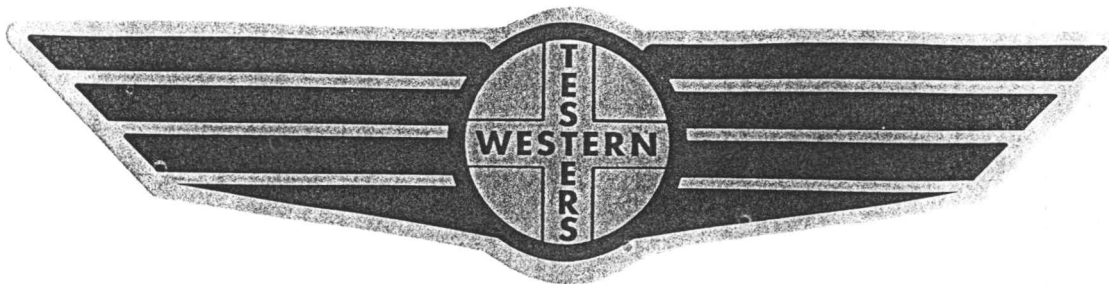
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COMPANY

JOHN O FARMER, INC.

LEASE & WELL LOG

#1 MCFALL

28

TEMP

29S

RCF

13W

GROUP NO.

3

DATE

8/28/94

DST REPORT

GENERAL INFORMATION

DATE	: 8/28/94	TICKET	: 20525
CUSTOMER	: JOHN O FARMER, INC.	LEASE	: MCFALL
WELL	: #1	GEOLOGIST	: MCGINNESS
ELEVATION	: 1935 GL	FORMATION	: SIMPSON
SECTION	: 28	TOWNSHIP	: 29S
RANGE	: 13W	STATE	: KS
GAUGE SN#	: 1566	CLOCK	: 12
	COUNTY: PRATT		
	RANGE : 4300		

WELL INFORMATION

PERFORATION INTERVAL FROM:	4612.00 ft	TO:	4634.00 ft	TVD:	4634.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	4615.0 ft		4634.0 ft		
TEMPERATURE:	124.0				
DRILL COLLAR LENGTH:	0.0 ft	I.D.:	0.000 in		
WEIGHT PIPE LENGTH :	317.0 ft	I.D.:	0.000 in		
DRILL PIPE LENGTH :	4274.0 ft	I.D.:	3.800 in		
TEST TOOL LENGTH :	21.0 ft	TOOL SIZE :	5.500 in		
ANCHOR LENGTH :	22.0 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:	4607.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	4612.0 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. :	EMPHASIS	VISCOSITY :	49.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	9.600 cc
WEIGHT :	9.300 ppg		
CHLORIDES :	8500 ppm	SERIAL NUMBER:	
JARS-MAKE :		REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

GAS TO SURFACE IN 16 MINUTES.

ORIGINAL

DST REPORT (CONTINUED)

KCC

MAY 12 1995

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
540.0	80.0	20.0	0.0	0.0	CLEAN GASSY OIL
0.0	0.0	0.0	0.0	0.0	33 GRAVITY
120.0	30.0	20.0	0.0	50.0	HEAVY OIL CUT GASSY MUD

RATE INFORMATION

OIL VOLUME: 3.8488 STB
 GAS VOLUME: 5.4028 SCF
 MUD VOLUME: 0.0000 STB
 WATER VOLUME: 0.0000 STB
 TOTAL FLUID : 3.8488 STB

TOTAL FLOW TIME: 60.0000 min.
 AVERAGE OIL RATE: 92.3720 STB/D
 AVERAGE WATER RATE: 0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2362.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	129.00	108.00
INITIAL SHUT-IN	45.00		594.00
FINAL FLOW	45.00	216.00	194.00
FINAL SHUT-IN	60.00		594.00

FINAL HYDROSTATIC PRESSURE: 2319.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2394.00

Description	Duration	p1	p End
INITIAL FLOW	25.00	136.00	117.00
INITIAL SHUT-IN	48.00		606.00
FINAL FLOW	35.00	215.00	207.00
FINAL SHUT-IN	63.00		602.00

FINAL HYDROSTATIC PRESSURE: 2345.00

ORIGINAL

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 8/28/94
CUSTOMER : JOHN O FARMER, INC.
WELL : #1 TEST: 3
ELEVATION: 1935 GL
SECTION : 28
RANGE : 13W COUNTY: PRATT
GAUGE SN#: 1566 RANGE : 4300

TICKET : 20525
LEASE : MCFALL
GEOLOGIST: MCGINNESS
FORMATION: SIMPSON
TOWNSHIP : 29S
STATE : KS
CLOCK : 12

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
20 MIN	MERLA	0.250	2 PSIG	12700 SCF/D
25 MIN	MERLA	0.250	4 PSIG	18500 SCF/D
30 MIN	MERLA	0.250	6 PSIG	22900 SCF/D

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	0.250	6 PSIG	22900 SCF/D
20 MIN	MERLA	0.250	6.5 PSIG	23900 SCF/D
30 MIN	MERLA	0.250	6 PSIG	22900 SCF/D
40 MIN	MERLA	0.250	5 PSIG	20700 SCF/D
45 MIN	MERLA	0.250	4.5 PSIG	19500 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 8/28/94	TICKET : 20525
CUSTOMER : JOHN O FARMER, INC.	LEASE : MCFALL
WELL : #1	GEOLOGIST: MCGINNESS
ELEVATION: 1935 GL	FORMATION: SIMPSON
SECTION : 28	TOWNSHIP : 29S
RANGE : 13W	STATE : KS
GAUGE SN#: 1566	CLOCK : 12
COUNTY: PRATT	
RANGE : 4300	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	136.00	136.00
5.00	126.00	-10.00
10.00	117.00	-9.00
15.00	117.00	0.00
20.00	117.00	0.00
25.00	117.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	175.00	175.00	9.33
6.00	257.00	82.00	5.17
9.00	377.00	120.00	3.78
12.00	505.00	128.00	3.08
15.00	531.00	26.00	2.67
18.00	556.00	25.00	2.39
21.00	568.00	12.00	2.19
24.00	578.00	10.00	2.04
27.00	585.00	7.00	1.93
30.00	589.00	4.00	1.83
33.00	593.00	4.00	1.76
36.00	596.00	3.00	1.69
39.00	599.00	3.00	1.64
42.00	601.00	2.00	1.60
45.00	603.00	2.00	1.56
48.00	606.00	3.00	1.52

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

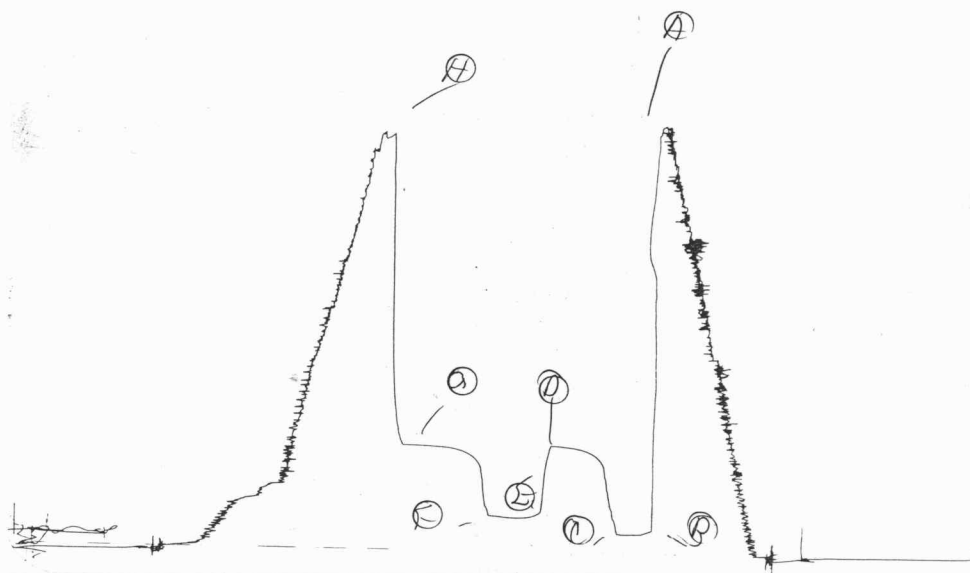
Time (min)	Pressure	Delta P
0.00	215.00	215.00
5.00	215.00	0.00
10.00	202.00	-13.00
15.00	200.00	-2.00
20.00	201.00	1.00
25.00	203.00	2.00
30.00	205.00	2.00
35.00	207.00	2.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	273.00	273.00	12.67
6.00	464.00	191.00	6.83
9.00	518.00	54.00	4.89
12.00	544.00	26.00	3.92
15.00	555.00	11.00	3.33
18.00	567.00	12.00	2.94
21.00	575.00	8.00	2.67
24.00	581.00	6.00	2.46
27.00	585.00	4.00	2.30
30.00	589.00	4.00	2.17
33.00	591.00	2.00	2.06
36.00	593.00	2.00	1.97
39.00	595.00	2.00	1.90
42.00	596.00	1.00	1.83
45.00	597.00	1.00	1.78
48.00	598.00	1.00	1.73
51.00	599.00	1.00	1.69
54.00	600.00	1.00	1.65
57.00	601.00	1.00	1.61
60.00	602.00	1.00	1.58
63.00	602.00	0.00	1.56

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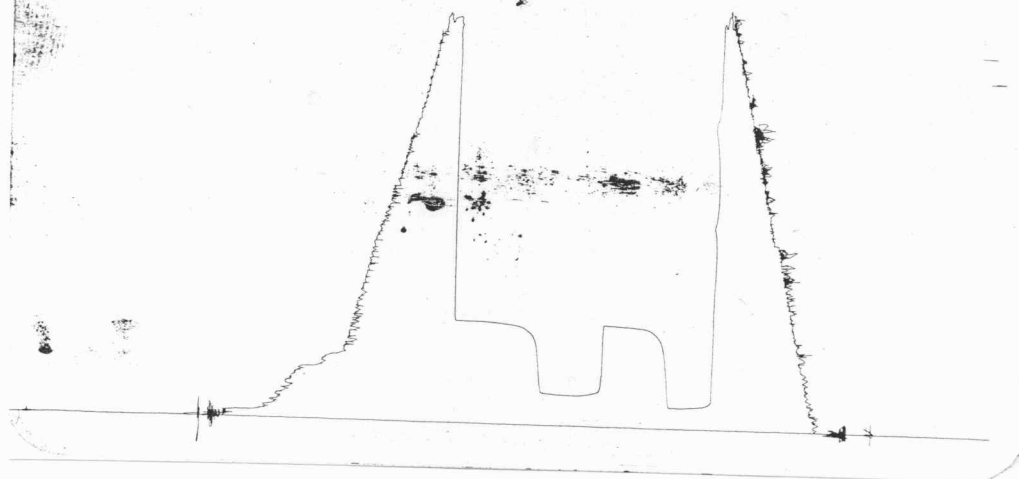
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Inside Recorder

TKT 20525
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Outside Recorder