

*KCC*  
*10/13/08*

**IND**

Company **Hesse Petroleum Co. LLC.**  
Address **400 N. Woodlawn Suite 7**  
CSZ **Wichita, KS 67208**  
Attn. **Phil Hesse**

Lease Name **Hinshaw**  
Lease # **2 2-17**  
Legal Desc **SW SE SE**  
Section **17**  
Township **24S**  
County **Reno**  
Drilling Cont **Pickrell Drilling Rig #10**

Job Ticket **5013**  
Range **9W**  
State **KS**

Comments **Times : 45 - 45 - 30 - 60**

**GENERAL INFORMATION**

Test # 1 Test Date **7/21/2008**  
Tester **Richard Holtz**  
Test Type **Conventional Bottom Hole Successful Test**  
# of Packers **2.0** Packer Size **6 3/4**  
Mud Type **Gel Chem**  
Mud Weight **8.6** Viscosity **69.0**  
Filtrate **8.8** Chlorides **3600**

Chokes **3/4** Hole Size **7 7/8**  
Top Recorder # **W1023**  
Mid Recorder #  
Bott Recorder # **13564**  
Mileage **54** Approved By  
Standby Time **0**  
Extra Equipmnt **jars and safety joint**  
Time on Site **6:45 AM**  
Tool Picked Up **9:45 AM**  
Tool Layed Dwn **6:45 PM**  
Elevation **1678.00** Kelley Bushings **1683.00**  
Start Date/Time **7/21/2008 9:14 AM**  
End Date/Time **7/21/2008 6:43 PM**

Drill Collar Len **180.0**  
Wght Pipe Len **0**

Formation **Severy Sand**  
Interval Top **2728.0** Bottom **2766.0**  
Anchor Len Below **38.0** Between **0**  
Total Depth **2766.0**  
Blow Type **Initial Flow, strong blow, BOB in 1 minute. Weak surface blow back on shut in.  
Final Flow, strong blow, BOB in 2 minutes. weak blow back building to 2.5 inches on shut in.**

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
3	water and mud cut oil	0% 0ft	59% 1.8ft	28% 0.8ft	13% 0.4ft
1847	mud cut water	0% 0ft	0% 0ft	83% 1533ft	17% 314ft

DST Fluids **178000**

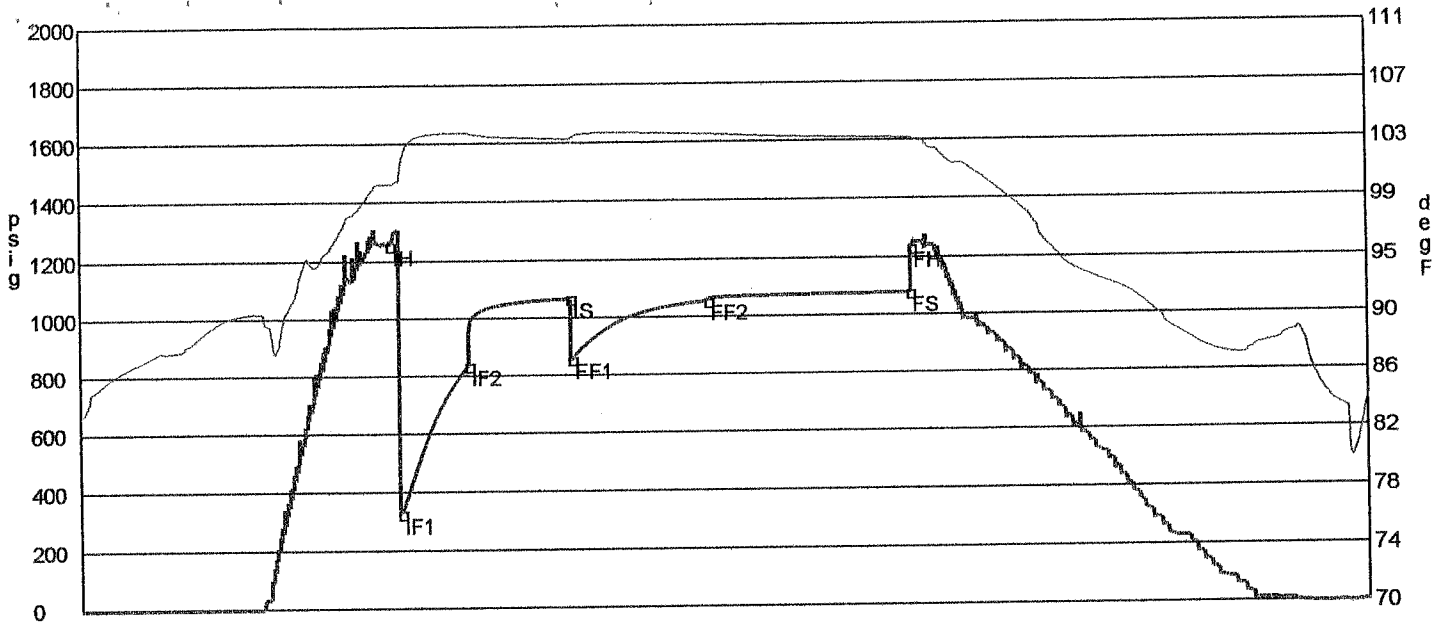
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WICHITA, KS



	Date	Time	Pressure	Temp	
IH	7/21/2008 11:30:15 AM	2.2625	1253.911	99.958	Initial Hydro-static
IF1	7/21/2008 11:34:30 AM	2.333333	325.334	100.305	Initial Flow (1)
IF2	7/21/2008 12:04:45 PM	2.8375	833.446	103.534	Initial Flow (2)
IS	7/21/2008 12:49:45 PM	3.5875	1064.934	103.086	Initial Shut-In
FF1	7/21/2008 12:50:30 PM	3.6	854.278	103.064	Final Flow (1)
FF2	7/21/2008 1:50:15 PM	4.595833	1052.769	103.371	Final Flow (2)
FS	7/21/2008 3:19:30 PM	6.083333	1076.412	102.963	Final Shut-In
FH	7/21/2008 3:20:00 PM	6.091667	1231.286	102.983	Final Hydro-static

GAS FLOWS

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke

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# RICKETTS TESTING

(620) 326-5830

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11/13/08

Company **Hesse Petroleum Co. LLC.**  
Address **400 N. Woodlawn Suite 7**  
CSZ **Wichita, KS 67208**  
Attn. **Phil Hesse**

Lease Name **Hinshaw**  
Lease # **2/ 2-17**  
Legal Desc **SW SE SE**  
Section **17**  
Township **24S**  
County **Reno**  
Drilling Cont **Pickrell Drilling Rig #10**  
Job Ticket **5013**  
Range **9W**  
State **KS**

Comments **Times : 45 - 45 - 30 - 60**

## GENERAL INFORMATION

Test # **2** Test Date **7/24/2008**  
Tester **Richard Holtz**  
Test Type **Conventional Bottom Hole**  
**Successful Test**  
# of Packers **2.0** Packer Size **6 3/4**

Chokes **3/4** Hole Size **7 7/8**  
Top Recorder # **W1023**  
Mid Recorder #  
Bott Recorder # **13564**

Mud Type **Gel Chem**  
Mud Weight **9.5** Viscosity **48.0**  
Filtrate **10.8** Chlorides **6000**

Mileage **54** Approved By  
Standby Time **27**  
Extra Equipmnt **jars and safety joint**  
Time on Site **12:00 AM**  
Tool Picked Up **10:00 PM**  
Tool Layed Dwn **4:45 AM**

Drill Collar Len **180.0**  
Wght Pipe Len **0**

Elevation **1678.00** Kelley Bushings **1683.00**

Formation **Lansing G**  
Interval Top **3405.0** Bottom **3465.0**  
Anchor Len Below **60.0** Between **0**  
Total Depth **3465.0**  
Blow Type **Initial Flow, weak blow building to 3 inches. Final Flow, no blow.**

Start Date/Time **7/23/2008 9:15 PM**  
End Date/Time **7/24/2008 4:48 AM**

## RECOVERY

Feet	Description	Gas	Oil	Water	Mud
10	water cut mud/tr oil	0% 0ft	trace	7% 0.7ft	93% 9.3ft
180	mud cut water	0% 0ft	0% 0ft	56% 100.8ft	44% 79.2ft

DST Fluids **72000**

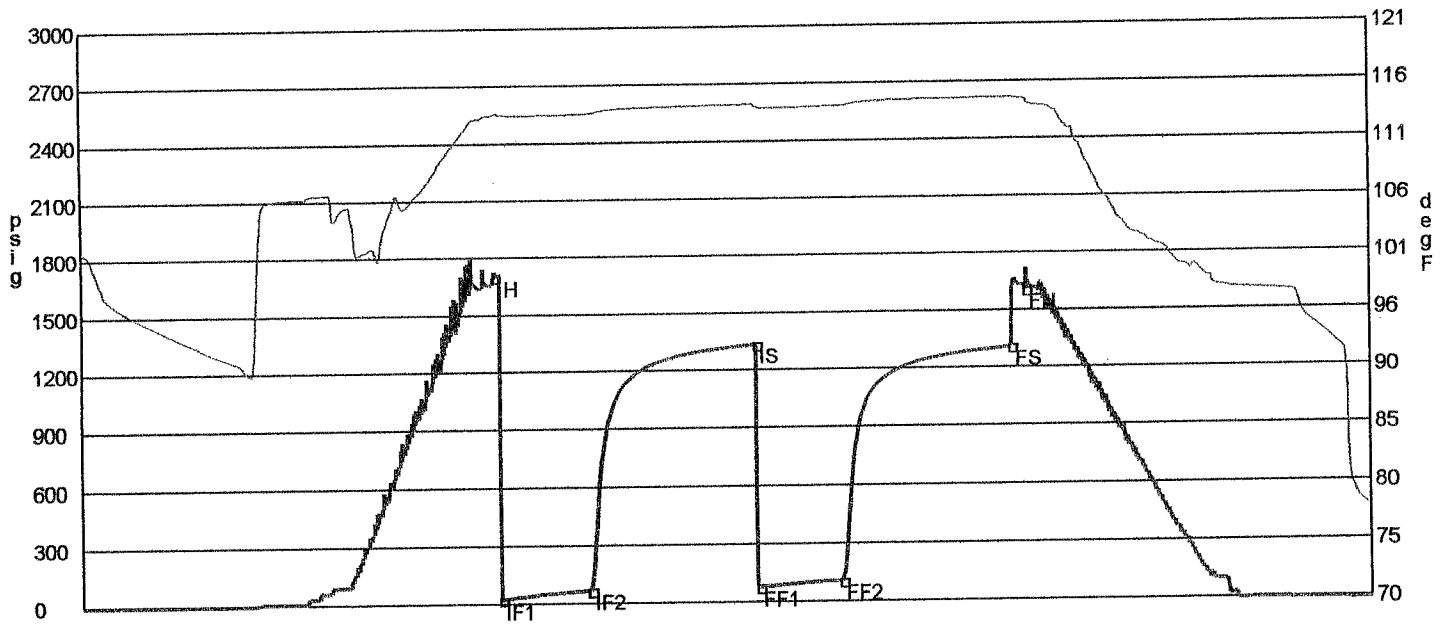
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WICHITA, KS



	Date	Time	Pressure	Temp	
IH	7/23/2008 11:39:45 PM	2.4125	1697.837	113.333	Initial Hydro-static
IF1	7/23/2008 11:41:30 PM	2.441667	20.105	113.302	Initial Flow (1)
IF2	7/24/2008 12:12:00 AM	2.95	65.799	113.395	Initial Flow (2)
IS	7/24/2008 1:10:30 AM	3.925	1332.085	114.095	Initial Shut-In
FF1	7/24/2008 1:11:15 AM	3.9375	74.615	113.884	Final Flow (1)
FF2	7/24/2008 1:40:45 AM	4.429167	102.925	113.887	Final Flow (2)
FS	7/24/2008 2:41:30 AM	5.441667	1307.107	114.44	Final Shut-In
FH	7/24/2008 2:46:30 AM	5.525	1603.368	114.354	Final Hydro-static

GAS FLOWS

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke

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Company **Hesse Petroleum Co. LLC.**  
Address **400 N. Woodlawn Suite 7**  
CSZ **Wichita, KS 67208**  
Attn. **Phil Hesse**

Lease Name **Hinshaw**  
Lease # **2-2-17**  
Legal Desc **SW SE SE**  
Section **17**  
Township **24S**  
County **Reno**  
Drilling Cont **Pickrell Drilling Rig #10**  
Job Ticket **5013**  
Range **9W**  
State **KS**

Comments **Times : 45 - 45 - 30 - 60**

GENERAL INFORMATION

Test # **3** Test Date **7/25/2008**  
Tester **Richard Holtz**  
Test Type **Conventional Bottom Hole**  
**Successful Test**  
# of Packers **2.0** Packer Size **6 3/4**  
Mud Type **Gel Chem**  
Mud Weight **9.4** Viscosity **47.0**  
Filtrate **11.2** Chlorides **4000**

Chokes **3/4** Hole Size **7 7/8**  
Top Recorder # **W1023**  
Mid Recorder #  
Bott Recorder # **13564**

Mileage **54** Approved By  
Standby Time **0**  
Extra Equipmnt **jars and safety joint**  
Time on Site **12:00 AM**  
Tool Picked Up **9:45 PM**  
Tool Layed Dwn **2:45 AM**

Drill Collar Len **240.0**  
Wght Pipe Len **0**

Elevation **1678.00** Kelley Bushings **1683.00**

Formation **Base Kansas City**  
Interval Top **3568.0** Bottom **3591.0**  
Anchor Len Below **23.0** Between **0**  
Total Depth **3591.0**  
Blow Type **Initial Flow, 3 bubbles then dead. Final Flow, no blow.**

Start Date/Time **7/24/2008 8:46 PM**  
End Date/Time **7/25/2008 2:58 AM**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
3	mud/w spot of oil	0% 0ft	trace	0% 0ft	100% 3ft

DST Fluids **0**

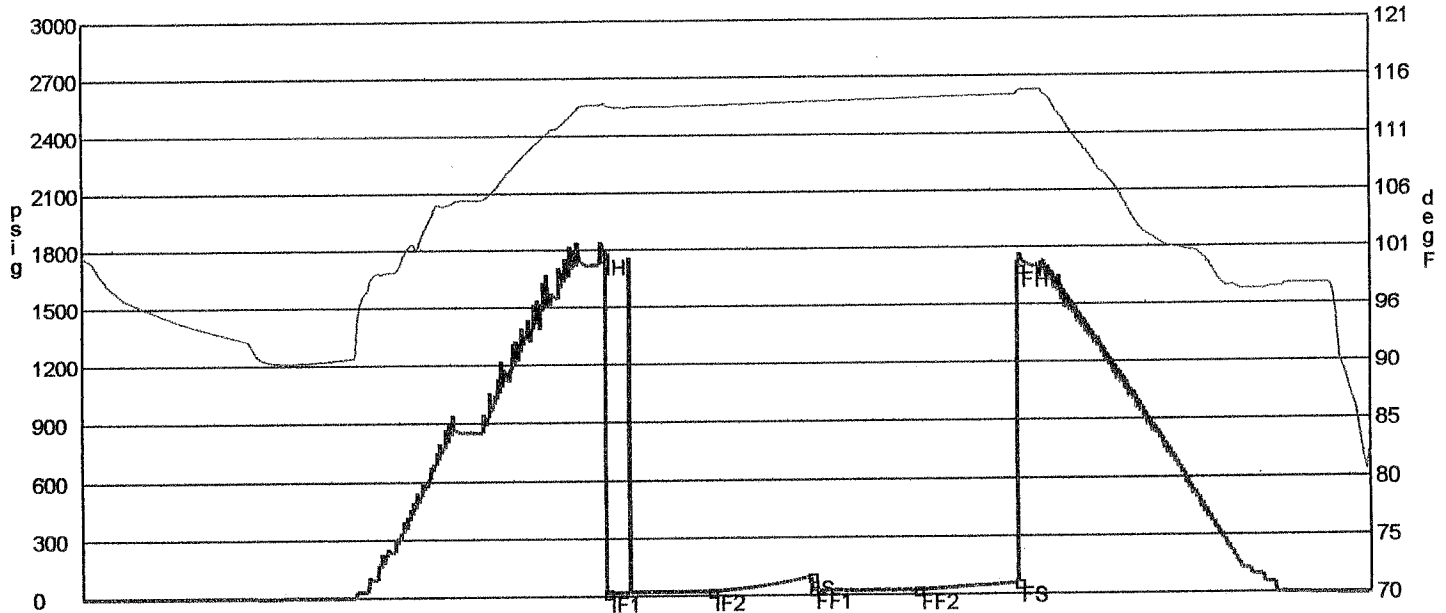
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	Date	Time	Pressure	Temp	
IH	7/24/2008 11:15:00 PM	2.475	1768.526	113.61	Initial Hydro-static
IF1	7/24/2008 11:16:00 PM	2.491667	19.446	113.575	Initial Flow (1)
IF2	7/24/2008 11:46:15 PM	2.995833	21.77	113.468	Initial Flow (2)
IS	7/25/2008 12:15:15 AM	3.479167	98.224	113.753	Initial Shut-In
FF1	7/25/2008 12:15:30 AM	3.483333	29.2	113.743	Final Flow (1)
FF2	7/25/2008 12:46:15 AM	3.995833	23.913	114.021	Final Flow (2)
FS	7/25/2008 1:15:15 AM	4.479167	57.659	114.255	Final Shut-In
FH	7/25/2008 1:15:45 AM	4.4875	1690.954	114.465	Final Hydro-static

GAS FLOWS

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke

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**RICKETTS TESTING**

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Company **Hesse Petroleum Co. LLC.**  
 Address **400 N. Woodlawn Suite 7**  
 CSZ **Wichita, KS 67208**  
 Attn. **Phil Hesse**

Lease Name **Hinshaw**  
 Lease # **2-217**  
 Legal Desc **SW SE SE**  
 Section **17**  
 Township **24S**  
 County **Reno**  
 Drilling Cont **Pickrell Drilling Rig #10**

Job Ticket **5013**  
 Range **9W**  
 State **KS**

Comments **Times : 45 - 45 - 30 - 60**

**GENERAL INFORMATION**

Test # **4** Test Date **7/26/2008**  
 Tester **Richard Holtz**  
 Test Type **Conventional Bottom Hole**

# of Packers **2.0** Packer Size **6 3/4**

Mud Type **Gel Chem**  
 Mud Weight **9.4** Viscosity **46.0**  
 Filtrate **10.0** Chlorides **10000**

Drill Collar Len **180.0**  
 Wght Pipe Len **0**

Formation **Mississippi**  
 Interval Top **3744.0** Bottom **3783.0**  
 Anchor Len Below **39.0** Between **0**

Total Depth **3783.0**  
 Blow Type **Initial Flow, Strong blow, BOB in 30 seconds. Final Flow, strong blow, BOB instantly. Strong Blow Back on shut ins.**

Chokes **3/4** Hole Size **7 7/8**  
 Top Recorder # **W1023**  
 Mid Recorder #  
 Bott Recorder # **13564**

Mileage **54** Approved By  
 Standby Time **0**  
 Extra Equipmnt **jars and safety joint**  
 Time on Site **12:00 AM**  
 Tool Picked Up **10:15 PM**  
 Tool Layed Dwn **6:30 AM**

Elevation **1678.00** Kelley Bushings **1683.00**

Start Date/Time **7/25/2008 9:50 PM**  
 End Date/Time **7/26/2008 6:19 AM**

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
30	mud	0% 0ft	0% 0ft	0% 0ft	100% 30ft
DST Fluids 0					

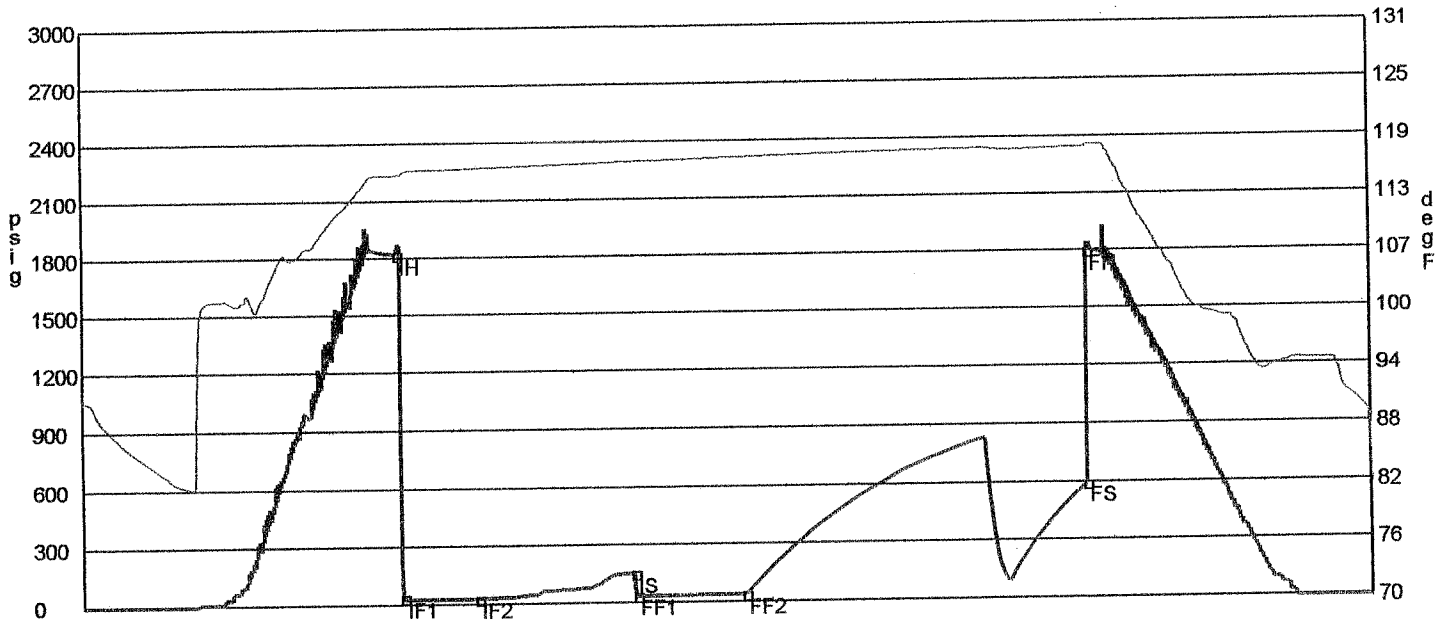
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	Date	Time	Pressure	Temp	
IH	7/25/2008 11:53:30 PM	2.05	1814.678	115.415	Initial Hydro-static
IF1	7/25/2008 11:55:45 PM	2.0875	34.875	115.471	Initial Flow (1)
IF2	7/26/2008 12:25:00 AM	2.575	25.549	116.125	Initial Flow (2)
IS	7/26/2008 1:26:00 AM	3.591667	147.965	116.739	Initial Shut-In
FF1	7/26/2008 1:26:45 AM	3.604167	31.829	116.74	Final Flow (1)
FF2	7/26/2008 2:10:00 AM	4.325	34.515	117.095	Final Flow (2)
FS	7/26/2008 4:25:45 AM	6.5875	591.903	117.709	Final Shut-In
FH	7/26/2008 4:26:00 AM	6.591667	1794.385	117.85	Final Hydro-static

GAS FLOWS

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke

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 WICHITA, KS

**RICKETTS TESTING**

(620) 326-5830

*KCC*  
*Man*  
*11/13/08*

Company **Hesse Petroleum Co. LLC.**  
Address **400 N. Woodlawn Suite 7**  
CSZ **Wichita, KS 67208**  
Attn. **Phil Hesse**

Lease Name **Hinshaw**  
Lease # **# 2-17**  
Legal Desc **SW SE SE**  
Section **17**  
Township **24S**  
County **Reno**  
Drilling Cont **Pickrell Drilling Rig #10**  
Job Ticket **5013**  
Range **9W**  
State **KS**

Comments **Times : 45 - 45 - 30 - 60**

**GENERAL INFORMATION**

Test # **5** Test Date **7/26/2008**  
Tester **Richard Holtz**  
Test Type **Conventional Bottom Hole Successful Test**

# of Packers **2.0** Packer Size **6 3/4**

Mud Type **Gel Chem**  
Mud Weight **9.4** Viscosity **48.0**  
Filtrate **10.8** Chlorides **10000**

Drill Collar Len **180.0**  
Wght Pipe Len **0**

Formation **Mississippi**  
Interval Top **3744.0** Bottom **3801.0**  
Anchor Len Below **57.0** Between **0**  
Total Depth **3801.0**  
Blow Type **Initial Flow, weak blow building to strong, BOB in 4 minutes. Final Flow, weak blow building to strong, BOB in 22 minutes. No blow back on shut ins.**

Chokes **3/4** Hole Size **7 7/8**  
Top Recorder # **W1023**  
Mid Recorder #  
Bott Recorder # **13564**

Mileage **54** Approved By  
Standby Time **0**  
Extra Equipmnt **jars and safety joint**  
Time on Site **12:00 AM**  
Tool Picked Up **2:45 PM**  
Tool Layed Dwn **9:45 PM**

Elevation **1678.00** Kelley Bushings **1683.00**

Start Date/Time **7/26/2008 2:24 PM**  
End Date/Time **7/26/2008 9:44 PM**

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
90	gassy mud	trace	0% 0ft	0% 0ft	100% 90ft

DST Fluids **0**

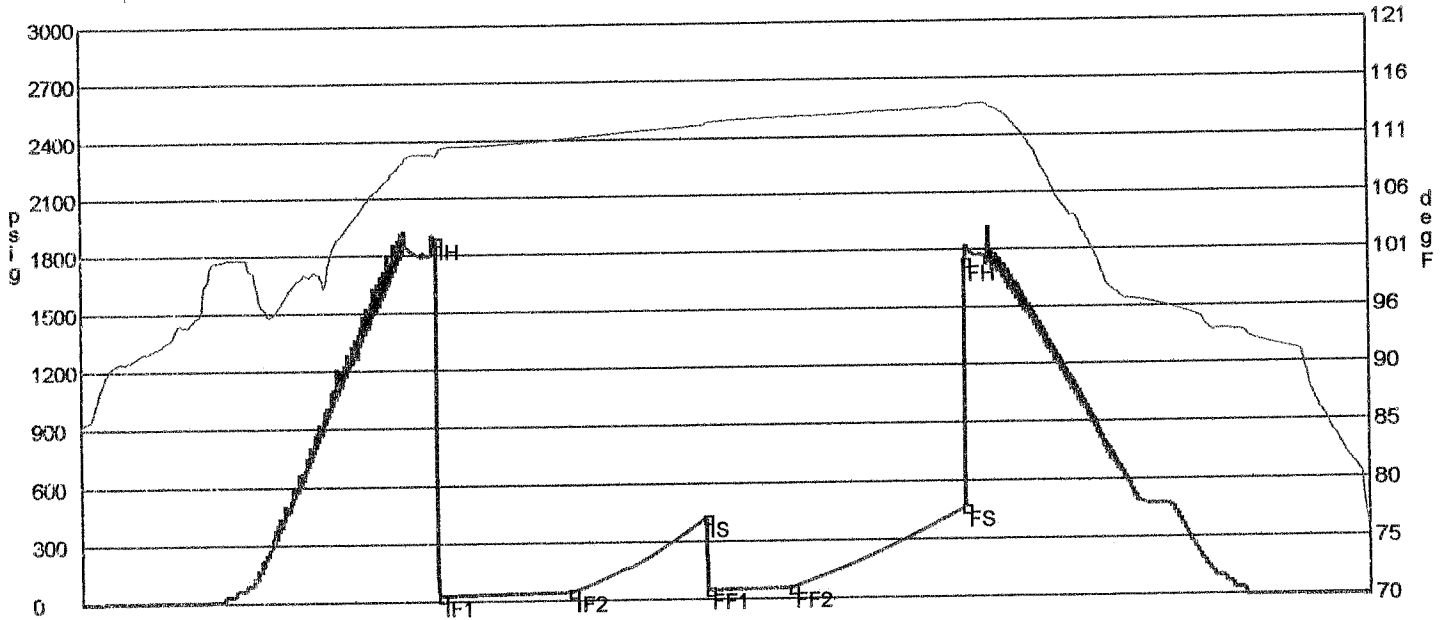
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WICHITA, KS



	Date	Time	Pressure	Temp	
IH	7/26/2008 4:24:45 PM	2.004167	1877.739	109.482	Initial Hydro-static
IF1	7/26/2008 4:25:45 PM	2.020833	26.358	109.734	Initial Flow (1)
IF2	7/26/2008 5:10:15 PM	2.7625	43.929	110.958	Initial Flow (2)
IS	7/26/2008 5:56:00 PM	3.525	423.02	111.952	Initial Shut-In
FF1	7/26/2008 5:56:45 PM	3.5375	48.734	112.058	Final Flow (1)
FF2	7/26/2008 6:25:15 PM	4.0125	54.917	112.648	Final Flow (2)
FS	7/26/2008 7:25:00 PM	5.008333	462.132	113.365	Final Shut-In
FH	7/26/2008 7:25:15 PM	5.0125	1736.9	113.494	Final Hydro-static

GAS FLOWS

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke

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 WICHITA, KS

# Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530  
(800) 792-6902

KCC  
Mr  
11/13/08

Company HESS PETROLEUM COMPANY INC  
 Address 400 N. WOOD LAWN SUITE 7 WICHITA KS 67208-1383  
 Lease & # HINSHAW #2 2-12 Sec. 17 Twp 24S Rng 9W  
 Date 7-27-2008 County RENO Elevation 1878 G.L. 1883 K.B.  
 Drilling Contractor PICKBELL DRIG RIG #10  
 Drill Pipe Length 3757 I.D. of Drill Pipe 3.8 Tool Joint Size 4 1/2 XH  
 Drill Collar Length 180 I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 XH  
 Mud Weight 9.4 Viscosity 51 Filtrate 10.2 Chlorides-Pits 8,000 DST \_\_\_\_\_  
 Top Packer Depth 3959 Bottom Packer Depth 3964 Number of Packers 2  
 Tested From 3964 to 4005 Total Depth 4005 Anchor Length 41  
 Test # Lo Formation Tested VIOLA Hole Size 7 7/8  
 Initial Blow ~~FAIR~~ BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 2 MINUTES  
GAS TO SURFACE IN 30 MINUTES Blow back on the 1st Shut-in STRONG  
 Final Blow STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IMMEDIATELY  
 Blow back on the 2nd Shut-in STRONG

Initial Hydrostatic 2003 P.S.I. Final Hydrostatic 1949 P.S.I. Maximum Temp. 123 F

Initial Opening	<u>107</u> P.S.I. to <u>205</u> P.S.I.	from	<u>10:30 P m</u> to <u>11:00 P m</u>	<u>30</u> minutes
Initial Shut-in	<u>944</u> P.S.I.	from	<u>11:00 P m</u> to <u>12:00 A m</u>	<u>60</u> minutes
Final Opening	<u>255</u> P.S.I. to <u>487</u> P.S.I.	from	<u>12:00 A m</u> to <u>1:00 A m</u>	<u>60</u> minutes
Final Shut-in	<u>944</u> P.S.I.	from	<u>1:00 A m</u> to <u>2:30 A m</u>	<u>90</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>1080</u>	<u>CLEAN GASSY OIL</u>	<u>5</u>	<u>95</u>		
<u>120</u>	<u>VERY SLIGHT OIL CUT MUDDY WATER</u>		<u>1</u>	<u>24</u>	<u>75</u>

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Total Feet Recovered 1200 Recovery Chlorides 260,000 Rw. .1 ohms @ 74 Degrees  
 Gravity of oil 40 Corrected Gas to Surface in 30 minutes into the 1st ~~OPEN~~  
 Max. Gas Gauged 24,500 MCF/day See Gas Flow Report Was a gas sample taken YES  
 Comments \_\_\_\_\_

Extra Equipment-Jars YES Safety Joint YES Circulating Sub YES Straddle NO  
 Electronic Recorder No. 4005 Depth 4001 Extra Packer (3rd) NO Hook Wall NO  
 Bottom Recorder No 10250 Depth 4002 Extra Packer (4th) NO Sampler NO  
 Tool Operator Frank J. ... Approved By \_\_\_\_\_

# SUPERIOR TESTERS ENTERPRISES L.L.C.

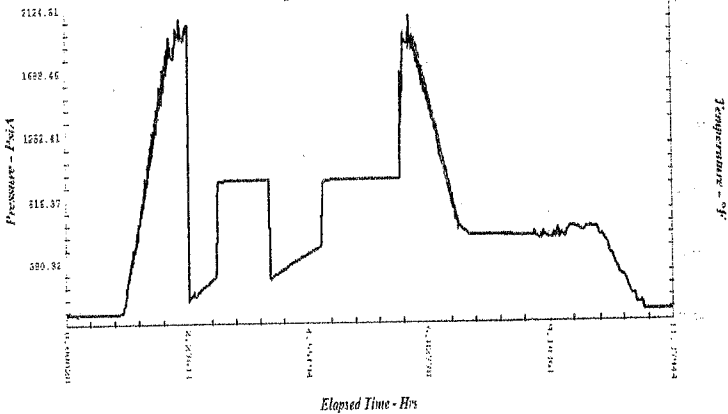
## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

(800)792-6902

Company: HESSE PETROLEUM COMPANY INC. Lease & Well No. HINSHAW #2-17 Test #: 6 Date: 7-27-08 SEC. 17  
 TWP. 24S RGE. 9W

Temperature / Pressure Data



Tool serial number: 4008  
 Test start: 07/26/2008 07:55:43

1	Initial Hydrostatic Pressure	2003
2	Initial Flow Pressure	107
3	Final Initial Flow Pressure	265
4	Initial Shut-In Pressure	944
5	Initial Final Flow Pressure	255
6	Final Flow Pressure	487
7	Final Shut-In Pressure	944
8	Final Hydrostatic Pressure	1949

Maximum Temperature 123

*190*  
*11/13/08*

### GENERAL INFORMATION

COMPANY NAME ..... HESSE PETROLEUM COMPANY INC.

TEST DATE ..... 7/27/08

LEASE AND WELL NUMBER ..... HINSHAW #2-17

SECTION-TOWN-RANGE ..... 17-24S-9W

FORMATION TESTED ..... VIOLA

STATE ..... KANSAS

DRILL STEM TEST NUMBER ..... 6

COUNTY ..... RENO

REPORT NUMBER ..... 16133

ELEVATION GROUND LEVEL ..... 1878

ELEVATION KELLY BUSHINGS ..... 1883

COMPANY REPRESENTATIVE ..... ROBERT PETERSON

TESTING ENGINEER ..... FRANK ZAMARRIPA

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 3964

TOP PACKER DEPTH ..... 3959

TEST INTERVAL (to) ..... 4005

BOTTOM PACKER DEPTH ..... 3964

ANCHOR LENGTH ..... 41

NUMBER OF PACKERS ..... 2

TOTAL DEPTH (ft) ..... 4005

PACKER SIZE ..... 6 3/4

HOLE SIZE ..... 7 7/8

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### FLOW TIMES

INITIAL OPEN  
 TOOL OPEN (from) ..... 10:30P

FINAL OPEN  
 TOOL OPEN (from) ..... 12:00

TOOL OPEN (to) ..... 11:00

TOOL OPEN (to) ..... 1:00A

DURATION (min.) ..... 30

DURATION (min.) ..... 60

INITIAL SHUT-IN

FINAL SHUT-IN

TOOL CLOSED (from) ..... 11:00

TOOL CLOSED (from) ..... 1:00

TOOL CLOSED (to) ..... 12:00

TOOL CLOSED (to) ..... 2:30

DURATION (min.) ..... 60

DURATION (min.) ..... 90

INITIAL FLOW

FIR BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 2 MINUTES, GAS TO SURFACE IN 30 MINUTES  
 STRONG BLOW BACK

FINAL FLOW

STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IMMEDIATELY  
 STRONG BLOW BACK

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**SUPERIOR TESTERS ENTERPRISES L.L.C.**

**DRILL STEM TEST REPORT**

GREAT BEND, KANSAS 67530 (800)792-6902

*VW*  
*11/13/08*

**GENERAL INFORMATION**

COMPANY NAME ..... HESSE PETROLEUM COMPANY INC.  
TEST DATE ..... 7/27/08  
SECTION-TOWN-RANGE ..... 17-24S-9W  
STATE ..... KANSAS  
COUNTY ..... RENO  
ELEVATION GROUND LEVEL ..... 1878  
COMPANY REPRESENTATIVE ..... ROBERT PETERSON  
LEASE AND WELL NUMBER ..... HINSHAW #2-2-17  
FORMATION TESTED ..... VIOLA  
DRILL STEM TEST NUMBER ..... 6  
REPORT NUMBER ..... 16133  
ELEVATION KELLY BUSHINGS ..... 1883  
TESTING ENGINEER ..... FRANK ZAMARRIPA

**EXTRA EQUIPMENT**

JARS ..... YES  
SAFETY JOINT ..... YES  
ELECTRONIC RECORDER ..... YES  
CIRCULATING SUB ..... YES  
TOP RECORDER DEPTH ..... 4001  
RECORDER NUMBER ..... 4005  
EXTRA PACKER (3RD) ..... NO  
EXTRA PACKER (4TH) ..... NO  
STRADDLE ..... NO  
HOOK WALL ..... NO  
SAMPLER ..... NO  
106 MILES ROUND TRIP FROM GREAT BEND  
BOTTOM RECORDER DEPTH ..... 4002  
RECORDER NUMBER ..... 10250

**WELL INFORMATION**

DRILLING CONTRACTOR ..... PICKRELL DRLG RIG # 10  
DRILL PIPE LENGTH ..... 3757  
DRILL PIPE I.D. .... 3.8  
TOOL JOINT SIZE ..... 4 1/2 X.H.  
DRILL COLLAR LENGTH ..... 180  
DRILL COLLAR I.D. .... 2.25  
TOOL JOINT SIZE ..... 4 1/2 X.H.

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**COMMENTS**

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WICHITA, KS



# SUPERIOR TESTERS ENTERPRISES L.L.C.

GREAT BEND, KANSAS

## GAS FLOW RATE

(800) 792-6902

STATE.....	KANSAS	Test Date .....	7/27/08
COUNTY.....	RENO	Sec Town Range .....	17-24S-9W
FIELD.....		Report Number .....	16133

### Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPEN AT 10:30 PM GAS SURFACE IN 30 MINUTES							

### Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPEN AT	12:00					1/8	
12:00 AM	12:05	5	20			1/8	2.360
TOOL CLOSED	12:10	10	25			1/8	2.590
AT 1:00 AM	12:15	15	60			1/2	4.090
	12:20	20	15			1/4	24.500
	12:25	25	36			1/4	10.100
	12:30	30	54			1/4	12.300
	12:35	35	50			1/4	11.900
	12:40	40	38			1/4	10.400
	12:45	45	50			1/4	11.900
	12:50	50	36			1/4	10.100
	12:55	55	20			1/4	7.510
	1:00	60	16			1/4	6.720

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 WICHITA KS

**Was there a gas sample taken**

**YES**

NOV 12 2008

CONSERVATION DIVISION  
WICHITA KS

DST #6 VIOLA

7-27-08

HINSHAW #2

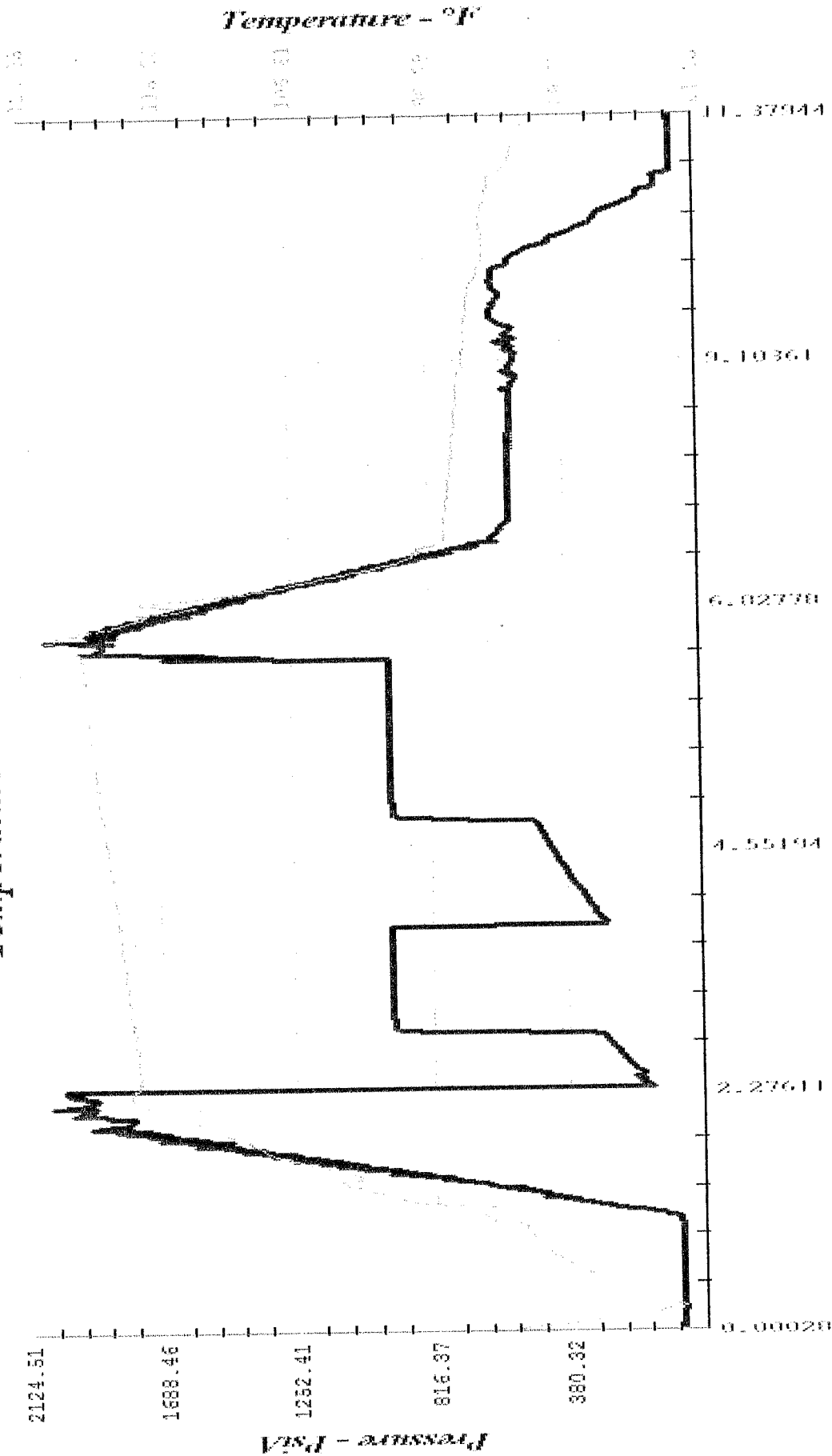
17-24S-9W

HESSE PETROLEUM COMPANY INC.

*KCC  
11/13/08*

*2-17*

Temperature / Pressure Data



Elapsed Time - Hrs

Tool serial number: 4006

TEST START: 07/26/2008 07:53:43

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