

RICKETTS TESTING

(620) 326-5830

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Company **Pickrell Drilling Company, Inc**
Address **100 South Main, Suite 505**
CSZ **Wichita, KS 67202**
Attn. **Jerry Smith**

Lease Name **Young A**
Lease # **2**
Legal Desc **C NE SE**
Section **12**
Township **30S**
County **Kingman**
Drilling Cont **Pickrell Drilling #1**

Job Ticket **3414**
Range **8W**
State **KS**

Comments **Field: Splvey-Grabs-Basil**

GENERAL INFORMATION

Test # 1
Tester **Jimmy Ricketts**
Test Type **Conventional Bottom Hole**
Successful Test

Test Date **2/19/2011**

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

Mud Type **Gel Chem**

Mud Weight **9.4** Viscosity **42.0**

Filtrate **10.2** Chlorides **5500**

Drill Collar Len **0**

Wght Pipe Len **0**

Formation **Kansas City Hertha**

Interval Top **3795.0** Bottom **3824.0**

Anchor Len Below **29.0** Between **0**

Total Depth **3824.0**

Blow Type **Weak blow building to strong blow 12 minutes into initial flow period. Weak blow building to strong blow 20 minutes into final flow period.**
Times: 30, 60, 90, 90.

Chokes **3/4** Hole Size **7 7/8**

Top Recorder # **11027**

Mid Recorder #

Bott Recorder # **w1023**

Mileage **128**

Approved By

Standby Time **0**

Extra Equipmnt **Jars & Safety Joint**

Time on Site **10:00 AM**

Tool Picked Up **11:30 AM**

Tool Layed Dwn **8:00 PM**

Elevation **1482.00**

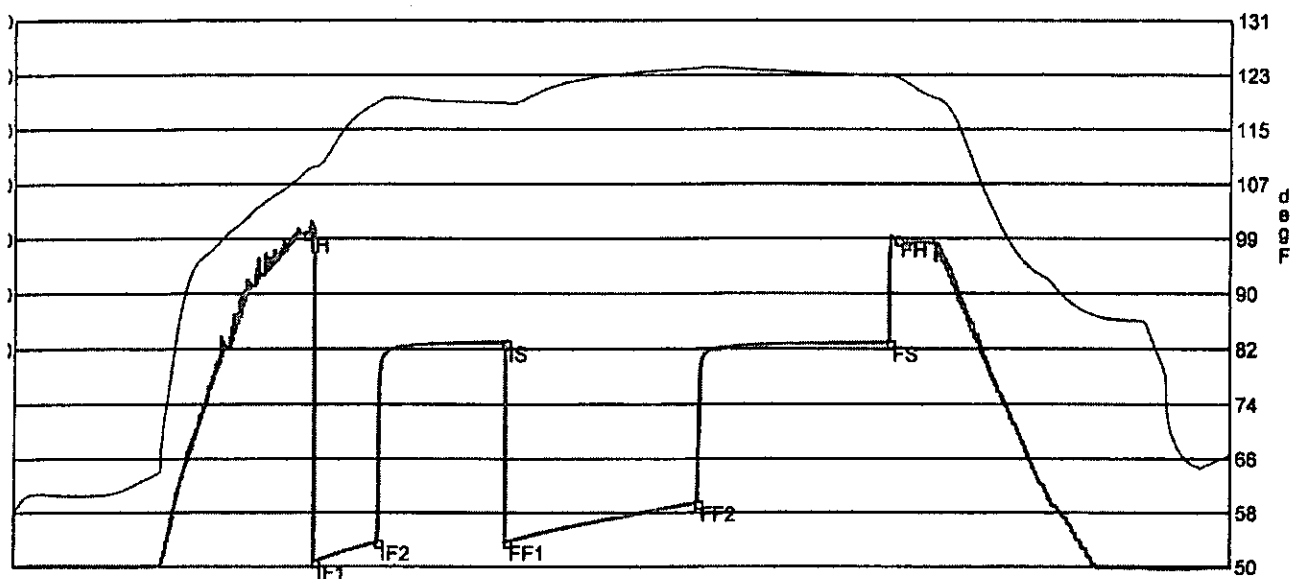
Kelley Bushings **1492.00**

Start Date/Time **2/19/2011 11:04 AM**

End Date/Time **2/19/2011 8:33 PM**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
680	Heavy mud cut water	0% 0ft	0% 0ft	93% 632.4ft	7% 47.6ft
DST Fluids 290000					



	Date	Time	Pressure	Temp	
IH	2/19/2011 1:20:20 PM	2.272222	1822.076	108.734	Initial Hydro-static
IF1	2/19/2011 1:24:30 PM	2.341667	25.666	109.191	Initial Flow (1)
IF2	2/19/2011 1:54:10 PM	2.836111	133.741	118.899	Initial Flow (2)
IS	2/19/2011 2:53:20 PM	3.822222	1233.705	118.817	Initial Shut-In
FF1	2/19/2011 2:54:00 PM	3.833333	137.257	118.658	Final Flow (1)
FF2	2/19/2011 4:23:20 PM	5.322222	351.109	123.849	Final Flow (2)
FS	2/19/2011 5:53:40 PM	6.827778	1229.119	122.769	Final Shut-In
FH	2/19/2011 5:57:10 PM	6.886111	1795.2	122.529	Final Hydro-static

3 FLOWS

to IFP Min Into FFP Gas Flows Pressure Choke

COMPANY PICKRELL DRILLING CO, INC. LEASE AND WELL NO. YOUNG A #2 SEC. 12 TWP. 30S RGE. 8W TEST NO. 1 DATE 2-19-11

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Job Ticket **3414**
Range **8W**
State **KS**

Comments **Field: Spivey-Grabs-Basil**

GENERAL INFORMATION

Test # **2** Test Date **2/21/2011**
Tester **Jimmy Ricketts**
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 **45.0**
Filtrate **10.8** Chlorides **5000**

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

Formation **Mississippian**
Interval Top **4120.0** Bottom **4140.0**
Anchor Len Below **20.0** Between **0**
Total Depth **4140.0**

Blow Type **Strong blow throughout initial flow period. Strong blow throughout final flow period. Times: 30, 62, 60, 67.**

Chokes **3/4** Hole Size **7 7/8**
Top Recorder # **11027**
Mid Recorder #
Bott Recorder # **w1023**

Mileage **128** Approved By
Standby Time **0**
Extra Equipmnt **Jars & Safety Joint**
Time on Site **6:00 AM**
Tool Picked Up **7:30 AM**
Tool Layed Dwn **2:30 PM**

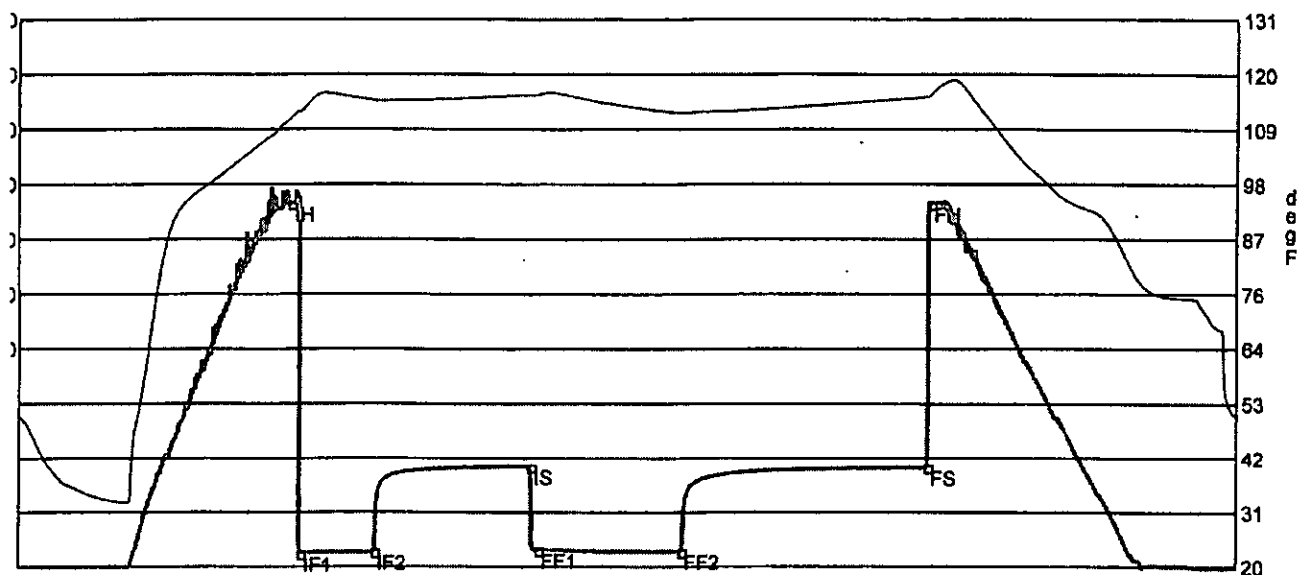
Elevation **1482.00** Kelley Bushings **1492.00**

Start Date/Time **2/21/2011 7:03 AM**
End Date/Time **2/21/2011 3:03 PM**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
40	Drilling mud	0% 0ft	0% 0ft	0% 0ft	100% 40ft
65	Heavy water cut mud	0% 0ft	0% 0ft	9% 5.9ft	91% 59.2ft

DST Fluids **42000**



	Date	Time	Pressure	Temp	
IH	2/21/2011 8:48:45 AM	1.7625	1992.911	111.183	Initial Hydro-static
IF1	2/21/2011 8:52:45 AM	1.829167	68.988	112.536	Initial Flow (1)
IF2	2/21/2011 9:22:15 AM	2.320833	80.747	114.596	Initial Flow (2)
IS	2/21/2011 10:24:00 AM	3.35	551.48	115.729	Initial Shut-In
FF1	2/21/2011 10:27:00 AM	3.4	90.728	115.847	Final Flow (1)
FF2	2/21/2011 11:23:15 AM	4.3375	83	112.123	Final Flow (2)
FS	2/21/2011 1:01:30 PM	5.975	546.736	115.336	Final Shut-In
FH	2/21/2011 1:02:45 PM	5.995833	1991.469	115.782	Final Hydro-static

Flows

to IFP	Min Into FFP	Gas Flows	Pressure	Choke
0		177.00 mcf	6.50 h2o	1.50 in
0		184.00 mcf	7.00 h2o	1.50 in
0		190.00 mcf	7.50 h2o	1.50 in
10		220.00 mcf	10.00 h2o	1.50 in
20		209.00 mcf	9.00 h2o	1.50 in
30		209.00 mcf	9.00 h2o	1.50 in
40		197.00 mcf	8.00 h2o	1.50 in
50		197.00 mcf	8.00 h2o	1.50 in
60		197.00 mcf	8.00 h2o	1.50 in