

Company L D Drilling, Inc.  
Address 7 SW 26th Ave.  
CSZ Great Ben, KS 67530  
Attn. Bob O'Dell

Lease Name Barrow Properties LG LG KGS ✓  
Lease # 1  
Legal Desc NE SE SE Job Ticket 3050  
Section 5 Range 12W  
Township 19S  
County Barton State KS  
Drilling Cont Petromark Drilling #2

Comments Field: Cheyenne West Times : 30 - 45 - 45 - 60

15-009-25295

GENERAL INFORMATION

Test # 1 Test Date 11/26/2008  
Tester Jimmy Ricketts  
Test Type Conventional Bottom Hole  
Successful Test

Chokes 3/4 Hole Size 7 7/8  
Top Recorder # 11027  
Mid Recorder #  
Bott Recorder # w1022

# of Packers 2.0 Packer Size 6 3/4

Mileage 20 Approved By  
Standby Time 0  
Extra Equipmnt Jars & Safty Joint  
Time on Site 6:00 PM  
Tool Picked Up 6:50 PM  
Tool Layed Dwn 12:00 AM

Mud Type Gel Chem  
Mud Weight 9.1 Viscosity 46.0  
Filtrate 9.6 Chlorides 6000

Drill Collar Len 122.0  
Wght Pipe Len 0

Elevation 1806.00 Kelley Bushings 1811.00

Formation Lansing A & B  
Interval Top 3114.0 Bottom 3145.0  
Anchor Len Below 31.0 Between 0  
Total Depth 3145.0

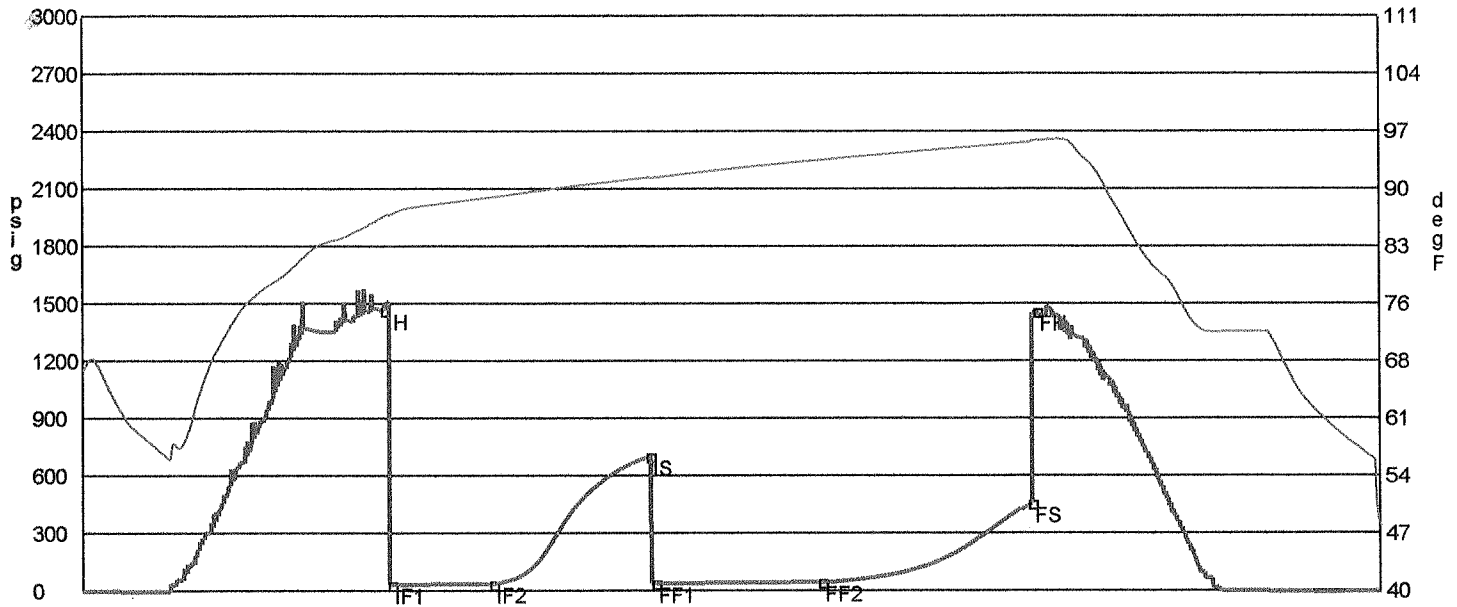
Start Date/Time 11/26/2008 6:38 AM  
End Date/Time 11/27/2008 12:46 PM

Blow Type Weak blow building to 2" initial flow period. Weak blow building to 1/2" final flow period. Times: 30, 45, 48, 60.

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
30	Drilling mud with trace oi	0% 0ft	trace	0% 0ft	100% 30ft
DST Fluids 0					

5-19-12w



	Date	Time	Pressure	Temp	
IH	11/26/2008 8:02:15 AM	1.404167	1463.725	86.312	Initial Hydro-static
IF1	11/26/2008 8:04:00 AM	1.433333	32.11	86.499	Initial Flow (1)
IF2	11/26/2008 8:33:00 AM	1.916667	35.444	88.678	Initial Flow (2)
IS	11/26/2008 9:17:15 AM	2.654167	700.069	91.137	Initial Shut-In
FF1	11/26/2008 9:18:45 AM	2.679167	37.753	91.12	Final Flow (1)
FF2	11/26/2008 10:06:15 AM	3.470833	44.014	93.281	Final Flow (2)
FS	11/26/2008 11:06:15 AM	4.470833	454.613	95.495	Final Shut-In
FH	11/26/2008 11:07:45 AM	4.495833	1457	95.694	Final Hydro-static

*GAS FLOWS*

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke

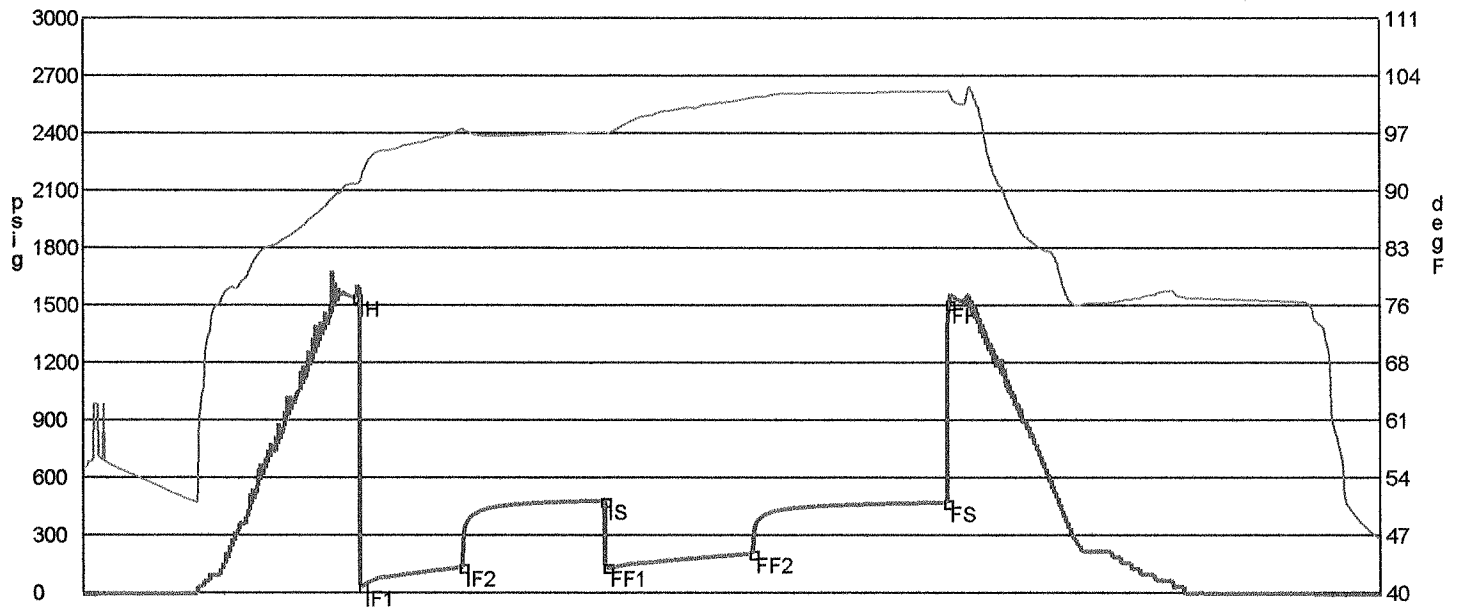
Company	<b>L D Drilling, Inc.</b>	Lease Name	<b>Barrow Properties LG</b>
Address	<b>7 SW 26th Ave.</b>	Lease #	<b>1</b>
CSZ	<b>Great Ben, KS 67530</b>	Legal Desc	<b>NE SE SE</b>
Attn.	<b>Bob O'Dell</b>	Section	<b>5</b>
		Township	<b>19S</b>
		County	<b>Barton</b>
		Drilling Cont	<b>Petromark Drilling #2</b>
Comments	<b>Field: Cheyenne West</b>	Times :	<b>30 - 45 - 45 - 60</b>
		Job Ticket	<b>3050</b>
		Range	<b>12W</b>
		State	<b>KS</b>

**GENERAL INFORMATION**

Test # <b>2</b>	Test Date <b>11/28/2008</b>	Chokes <b>3/4</b>	Hole Size <b>7 7/8</b>
Tester <b>Richard Holtz</b>		Top Recorder # <b>W1023</b>	
Test Type <b>Conventional Bottom Hole</b>		Mid Recorder #	
<b>Successful Test</b>		Bott Recorder # <b>13564</b>	
# of Packers <b>2.0</b>	Packer Size <b>6 3/4</b>	Mileage <b>20</b>	Approved By
Mud Type <b>Gel Chem</b>		Standby Time <b>0</b>	
Mud Weight <b>9.1</b>	Viscosity <b>48.0</b>	Extra Equipmnt <b>jars and safety joint</b>	
Filtrate <b>10.4</b>	Chlorides <b>6000</b>	Time on Site <b>12:00 AM</b>	
		Tool Picked Up <b>7:00 PM</b>	
		Tool Layed Dwn <b>1:00 AM</b>	
Drill Collar Len <b>122.0</b>		Elevation <b>1806.00</b>	Kelley Bushings <b>1811.00</b>
Wght Pipe Len <b>0</b>			
Formation <b>Lansing H-K</b>		Start Date/Time <b>11/27/2008 6:38 AM</b>	
Interval Top <b>3228.0</b>	Bottom <b>3315.0</b>	End Date/Time <b>11/28/2008 1:18 AM</b>	
Anchor Len Below <b>87.0</b>	Between <b>0</b>		
Total Depth <b>3315.0</b>			
Blow Type	<b>Initial Flow, weak blow building to strong, BOB in 12 minutes. Weak blow back building to 1/2 inch. Final Flow, weak blow building to strong, BOB in 20 minutes. Weak blow back building to 1 inch.</b>		

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
180	Gas in pipe	100% 180ft	0% 0ft	0% 0ft	0% 0ft
60	clean oil ( 36 gravity)	0% 0ft	100% 60ft	0% 0ft	0% 0ft
410	gassy mud and water cut oil	20% 82ft	42% 172.2ft	7% 28.7ft	31% 127.1ft
DST Fluids	<b>0</b>				



	Date	Time	Pressure	Temp	
IH	11/27/2008 8:00:30 AM	1.375	1540.372	90.552	Initial Hydro-static
IF1	11/27/2008 8:02:00 AM	1.4	30.144	91.051	Initial Flow (1)
IF2	11/27/2008 8:33:45 AM	1.929167	134.191	97.318	Initial Flow (2)
IS	11/27/2008 9:17:00 AM	2.65	479.417	96.934	Initial Shut-In
FF1	11/27/2008 9:17:30 AM	2.658333	134.913	96.89	Final Flow (1)
FF2	11/27/2008 10:02:30 AM	3.408333	204.478	101.213	Final Flow (2)
FS	11/27/2008 11:03:15 AM	4.420833	469.108	101.941	Final Shut-In
FH	11/27/2008 11:03:45 AM	4.429167	1507.546	102.035	Final Hydro-static

**GAS FLOWS**

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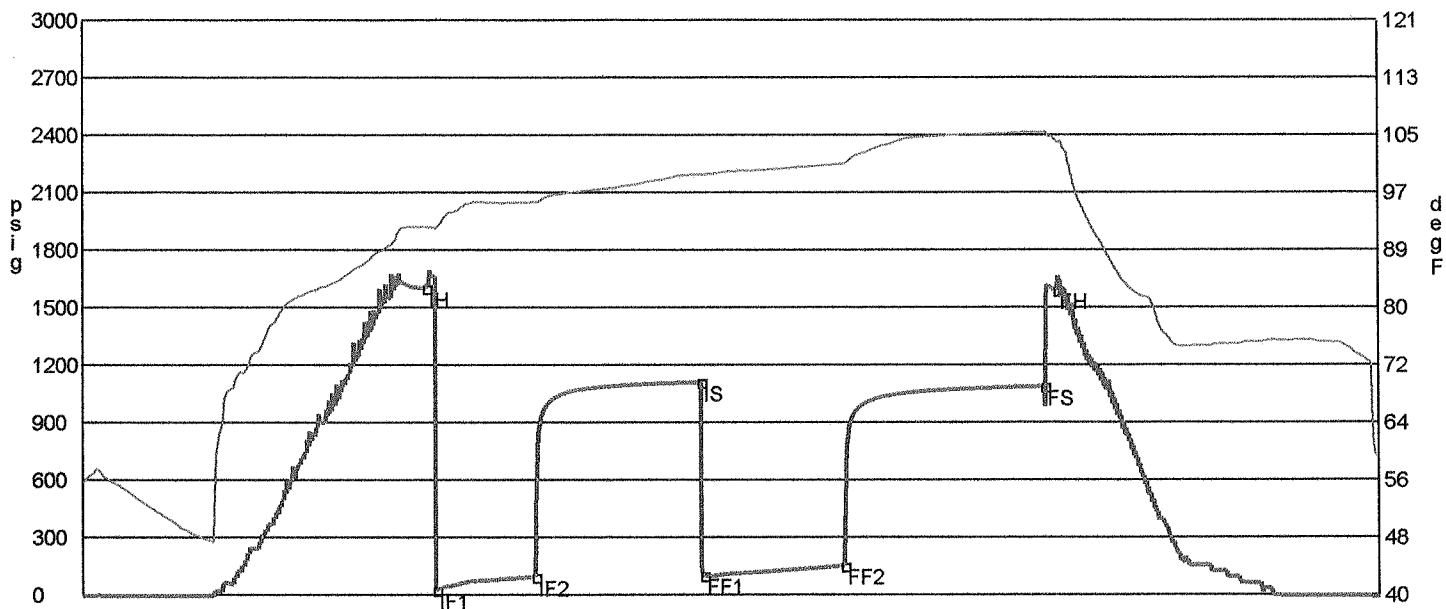
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CSZ	<b>Great Ben, KS 67530</b>	Legal Desc	<b>NE SE SE</b>
Attn.	<b>Bob O'Dell</b>	Section	<b>5</b>
		Township	<b>19S</b>
		County	<b>Barton</b>
		Drilling Cont	<b>Petromark Drilling #2</b>
Comments	<b>Field: Cheyenne West</b>	Times :	<b>30 - 45 - 45 - 60</b>
		Job Ticket	<b>3050</b>
		Range	<b>12W</b>
		State	<b>KS</b>

**GENERAL INFORMATION**

Test # <b>3</b>	Test Date <b>11/28/2008</b>	Chokes <b>3/4</b>	Hole Size <b>7 7/8</b>
Tester <b>Richard Holtz</b>		Top Recorder # <b>W1023</b>	
Test Type <b>Conventional Bottom Hole</b>		Mid Recorder #	
		Bott Recorder # <b>11027</b>	
# of Packers <b>2.0</b>	Packer Size <b>6 3/4</b>	Mileage <b>20</b>	Approved By
Mud Type <b>Gel Chem</b>		Standby Time <b>0</b>	
Mud Weight <b>9.1</b>	Viscosity <b>44.0</b>	Extra Equipmnt <b>jars and safety joint</b>	
Filtrate <b>11.4</b>	Chlorides <b>7000</b>	Time on Site <b>12:00 AM</b>	
Drill Collar Len <b>122.0</b>		Tool Picked Up <b>1:00 PM</b>	
Wght Pipe Len <b>0</b>		Tool Layed Dwn <b>6:45 PM</b>	
Formation <b>Arbuckle</b>		Elevation <b>1806.00</b>	Kelley Bushings <b>1811.00</b>
Interval Top <b>3348.0</b>	Bottom <b>3383.0</b>	Start Date/Time <b>11/28/2008 12:36 PM</b>	
Anchor Len Below <b>35.0</b>	Between <b>0</b>	End Date/Time <b>11/28/2008 6:57 AM</b>	
Total Depth <b>3383.0</b>			
Blow Type <b>Initial Flow, weak blow building to strong, BOB in 20 minutes. weak surface blow back. Final Flow, weak blow building to strong, BOB in 27 minutes. No blow back.</b>			

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
110	clean oil ( 36 gravity )	0% 0ft	100% 110ft	0% 0ft	0% 0ft
240	gassy mud and water cut oil	24% 57.6ft	33% 79.2ft	16% 38.4ft	27% 64.8ft
DST Fluids	<b>27000</b>				



	Date	Time	Pressure	Temp	
IH	11/28/2008 2:16:00 AM	1.658333	1601.658	91.853	Initial Hydro-static
IF1	11/28/2008 2:18:45 AM	1.704167	25.285	91.631	Initial Flow (1)
IF2	11/28/2008 2:48:00 AM	2.191667	94.269	95.379	Initial Flow (2)
IS	11/28/2008 3:36:00 AM	2.991667	1109.966	99.304	Initial Shut-In
FF1	11/28/2008 3:36:45 AM	3.004167	101.939	99.247	Final Flow (1)
FF2	11/28/2008 4:18:15 AM	3.695833	151.863	100.805	Final Flow (2)
FS	11/28/2008 5:17:30 AM	4.683333	1087.343	105.218	Final Shut-In
FH	11/28/2008 5:21:15 AM	4.745833	1589.06	103.967	Final Hydro-static

*GAS FLOWS*

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke



Company Name  
Well Name  
Type of Test  
Date(s) of Test

# Barrow Properties LG DST #4

