

Noble Petroleum, Inc., Jones #2 **1266 KB**
900' FSL & 480' FWL 17-28S-4E
Butler County, Kansas

Comments:

GENERAL INFORMATION:			
Formation:	LANSING		
Deviated:	No Whipstock:	ft (KB)	
Time Tool Opened:	03:49:00		
Time Test Ended:	08:27:30		
Interval:	1703.00 ft (KB) To 1726.00 ft (KB) (TVD)		
Total Depth:	1726.00 ft (KB) (TVD)		
Hole Diameter:	7.88 inches	Hole Condition: Fair	
Test Type:	Conventional Bottom Hole (Initial)		
Tester:	JARED SCHECK		
Unit No:	3320-GB-290		
Reference Elevations:	1269.00 ft (KB)		
	1263.00 ft (CF)		
	KB to GR/CF:	6.00 ft	

Serial #: 6663	Inside			Capacity:	5000.00 psia
Press@RunDepth:	79.87 psia @ 1722.00 ft (KB)			Last Calib.:	2011.05.21
Start Date:	2011.05.21	End Date:	2011.05.21	Time On Btm:	2011.05.21 @ 03:48:00
Start Time:	02:05:00	End Time:	08:27:30	Time Off Btm:	2011.05.21 @ 06:33:30

TEST COMMENT: 30/INITIAL OPEN VERY WEAK SURFACE BLOW STAYED STEADY THROUGH OUT OPEN
 30/INITIAL SHUT IN NO BLOW BACK
 45/FINAL OPEN STRONG BLOW BUILT BOTTOM OF BUCKET IN 2 MINUTES
 60/FINAL SHUT IN NO BLOW BACK

PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	852.92	91.74	Initial Hydro-static
1	43.58	91.52	Open To Flow (1)
31	64.73	91.55	Shut-In(1)
60	197.78	91.54	End Shut-In(1)
62	69.28	91.49	Open To Flow (2)
107	79.87	91.40	Shut-In(2)
165	325.74	91.36	End Shut-In(2)
166	836.91	91.49	Final Hydro-static

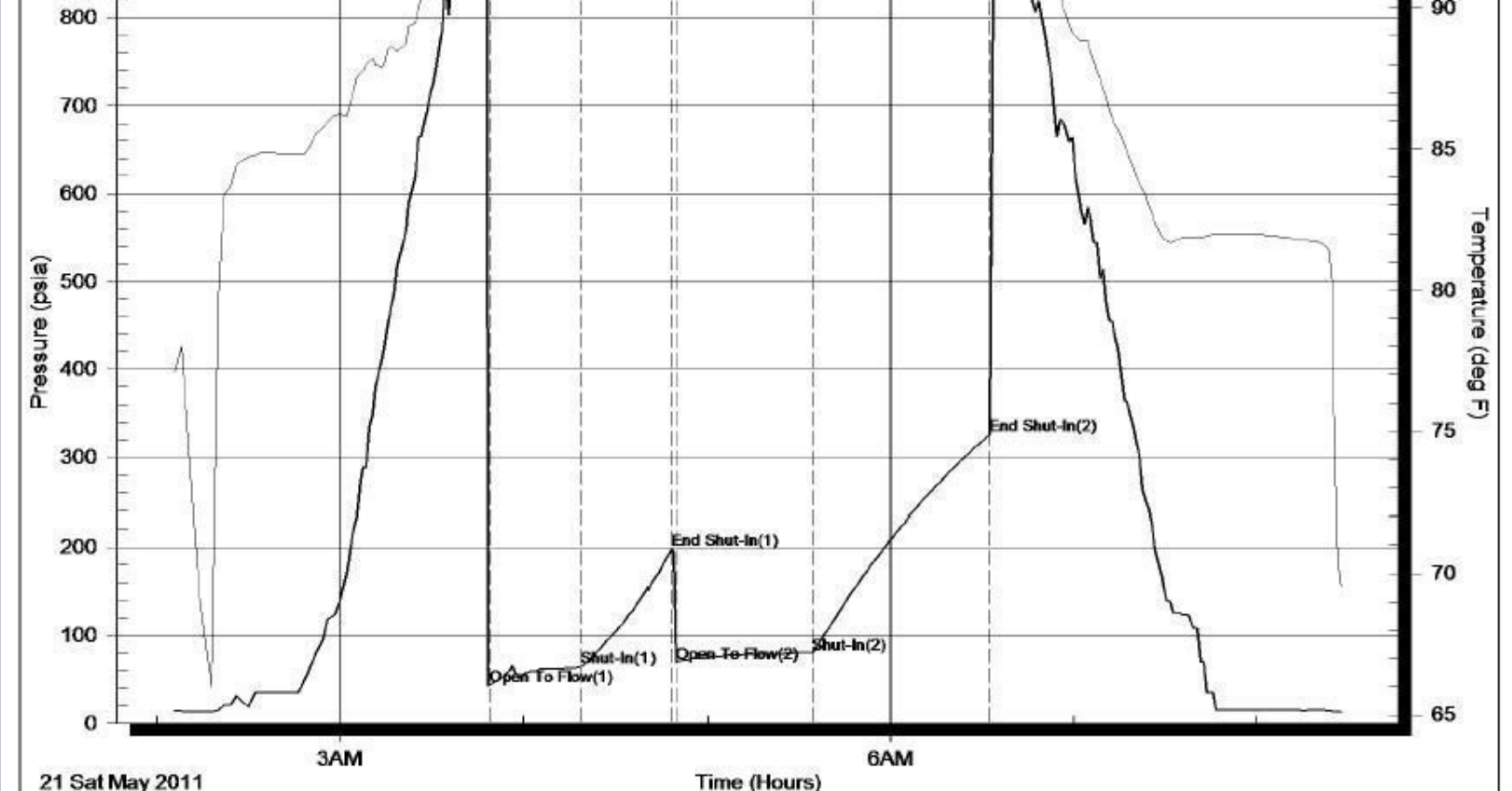


Recovery

Length (ft)	Description	Volume (bbl)
90.00	MUD	0.44

Serial #: 6663 Inside NOBLE PETROLEUM INC 17-28-4 BUTLER DST Test Number: 1

Pressure vs. Time



21 Sat May 2011

GENERAL INFORMATION:			
Formation:	LOWER LANSING		
Deviated:	No Whipstock:	ft (KB)	
Time Tool Opened:	12:47:30		
Time Test Ended:	16:55:30		
Interval:	2063.00 ft (KB) To 2074.00 ft (KB) (TVD)		
Total Depth:	2074.00 ft (KB) (TVD)		
Hole Diameter:	7.88 inches	Hole Condition: Fair	
Test Type:	Conventional Bottom Hole (Initial)		
Tester:	JARED SCHECK		
Unit No:	3320-GB-290		
Reference Elevations:	1269.00 ft (KB)		
	1263.00 ft (CF)		
	KB to GR/CF:	6.00 ft	

Serial #: 6666	Outside			Capacity:	5000.00 psia
Press@RunDepth:	630.94 psia @ 2071.00 ft (KB)			Last Calib.:	2011.05.22
Start Date:	2011.05.22	End Date:	2011.05.22	Time On Btm:	2011.05.22 @ 12:47:00
Start Time:	11:05:00	End Time:	16:55:30	Time Off Btm:	2011.05.22 @ 14:50:30

TEST COMMENT: 30/INITIAL OPEN VERY WEAK BLOW BUILT 3/4 INCH INTO WATER IN 30 MINUTES
 30/INITIAL SHUT IN NO BLOW BACK
 30/FINAL OPEN VERY WEAK SURFACE BLOW STAYED STEADY THROUGH OUT OPEN
 30/FINAL SHUT IN NO BLOW BACK

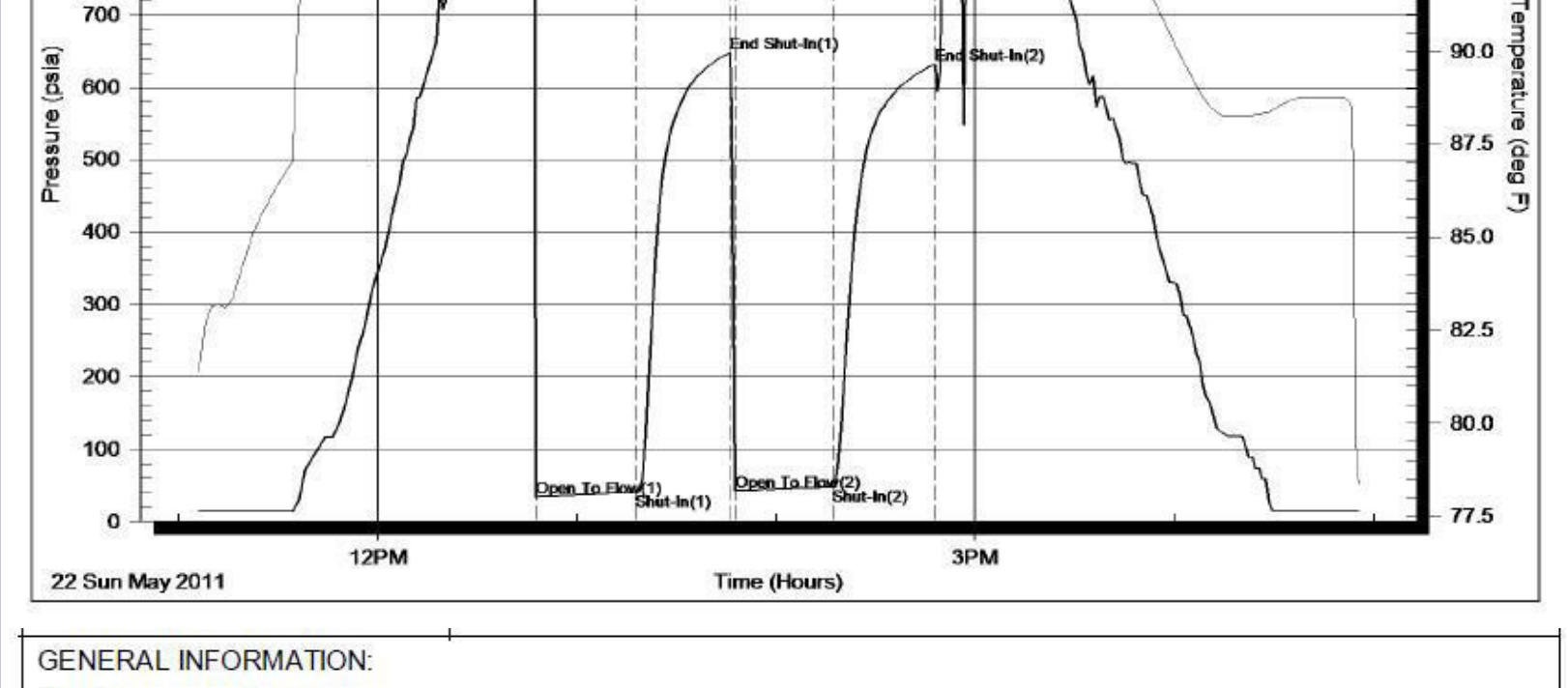
PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1028.80	98.05	Initial Hydro-static
1	33.57	97.80	Open To Flow (1)
32	41.47	98.23	Shut-In(1)
59	648.07	98.32	End Shut-In(1)
60	41.23	98.14	Open To Flow (2)
90	46.62	98.03	Shut-In(2)
121	630.94	98.15	End Shut-In(2)
124	1001.69	98.15	Final Hydro-static



Serial #: 6663 Inside NOBLE PETROLEUM INC 17-28-4 BUTLER DST Test Number: 2

Pressure vs. Time



22 Sun May 2011

GENERAL INFORMATION:			
Formation:	ARBUCKLE		
Deviated:	No Whipstock:	ft (KB)	
Time Tool Opened:	01:20:00		
Time Test Ended:	05:23:30		
Interval:	2468.00 ft (KB) To 2477.00 ft (KB) (TVD)		
Total Depth:	2477.00 ft (KB) (TVD)		
Hole Diameter:	7.88 inches	Hole Condition: Fair	
Test Type:	Conventional Bottom Hole (Initial)		
Tester:	DUSTIN ELLIS		
Unit No:	3320-GB-290		
Reference Elevations:	1269.00 ft (KB)		
	1263.00 ft (CF)		
	KB to GR/CF:	6.00 ft	

Serial #: 6663	Inside			Capacity:	5000.00 psia
Press@RunDepth:	33.16 psia @ 2473.00 ft (KB)			Last Calib.:	2011.05.24
Start Date:	2011.05.22	End Date:	2011.05.24	Time On Btm:	2011.05.24 @ 01:19:00
Start Time:	23:00:00	End Time:	05:23:30	Time Off Btm:	2011.05.24 @ 03:24:00

TEST COMMENT: 30/INITIAL OPEN VERY WEAK SURFACE BLOW BUILT 1/4 INCHES TO WATER IN 30 MIN.
 30/INITIAL SHUT IN: NO BLOW BACK
 30/FINAL OPEN VERY WEAK SURGE DID NOT BUILD
 30/FINAL OPEN NO BLOW BACK

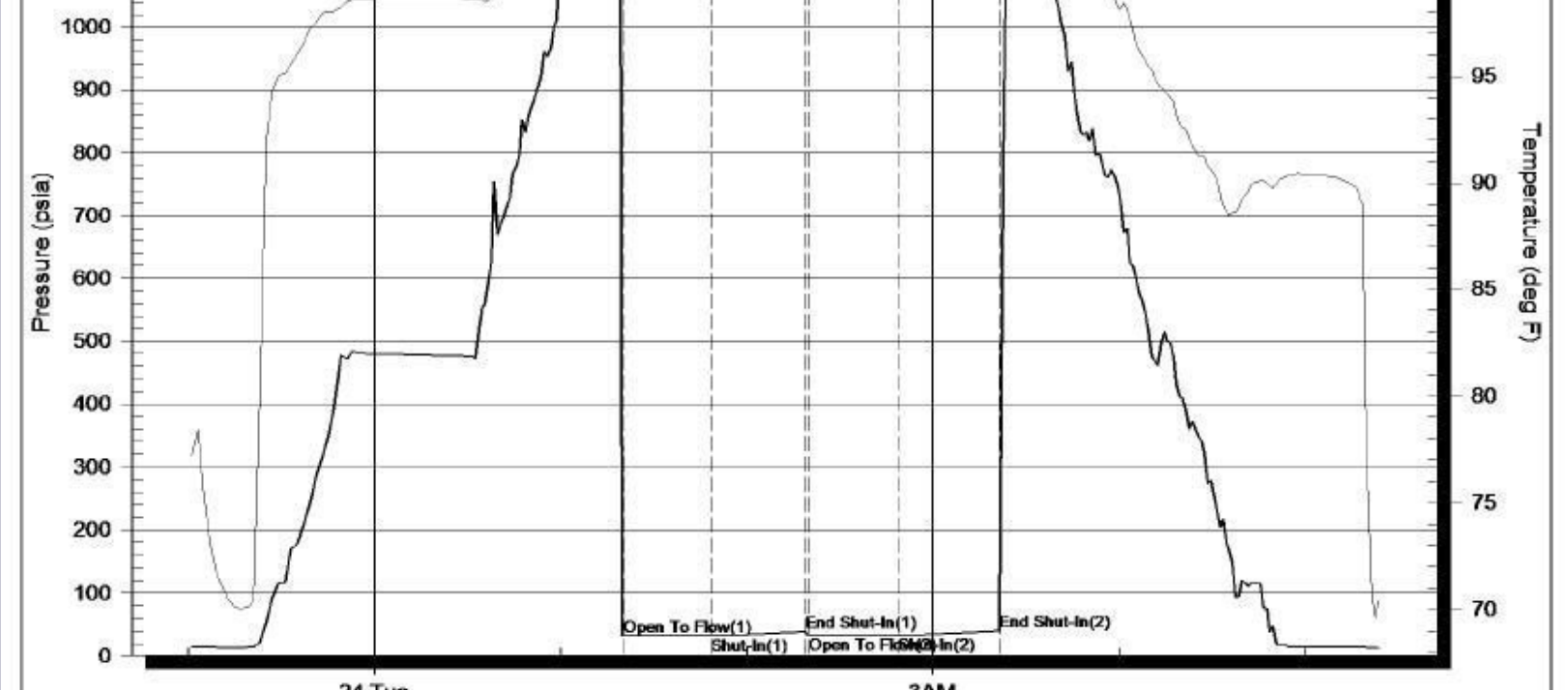
PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1240.64	104.38	Initial Hydro-static
1	31.49	104.04	Open To Flow (1)
30	32.05	104.11	Shut-In(1)
60	38.57	104.25	End Shut-In(1)
61	32.47	104.25	Open To Flow (2)
90	33.16	104.35	Shut-In(2)
123	39.53	104.46	End Shut-In(2)
125	1216.11	104.84	Final Hydro-static



Serial #: 6663 Inside NOBLE PETROLEUM INC 17-28-4 BUTLER DST Test Number: 3

Pressure vs. Time



May 2011

GENERAL INFORMATION:			
Formation:	ARBUCKLE TEST		
Deviated:	No Whipstock:	ft (KB)	
Time Tool Opened:	13:12:30		
Time Test Ended:	18:19:00		
Interval:	2468.00 ft (KB) To 2482.00 ft (KB) (TVD)		
Total Depth:	2482.00 ft (KB) (TVD)		
Hole Diameter:	7.88 inches	Hole Condition: Fair	
Test Type:	Inflate Bottom Hole (Initial)		
Tester:	DUSTIN ELLIS		
Unit No:	3320		
Reference Elevations:	1269.00 ft (KB)		
	1263.00 ft (CF)		
	KB to GR/CF:	6.00 ft	

Serial #: 6666	Outside			Capacity:	5000.00 psia
Press@RunDepth:	94.74 psia @ 2479.00 ft (KB)			Last Calib.:	2011.05.24
Start Date:	2011.05.24	End Date:	2011.05.24	Time On Btm:	2011.05.24 @ 13:11:00
Start Time:	11:10:00	End Time:	18:19:00	Time Off Btm:	2011.05.24 @ 16:14:00

TEST COMMENT: 30/INITIAL OPEN FAIR BLOW BUILT 7 INCHES INTO WATER IN 30 MINUTES
 45/INITIAL SHUT IN: NO BLOW BACK
 45/FINAL OPEN: WEAK BLOW BUILT 2 INCHES INTO WATER IN 15 MINUTES BLOW DIED OFF
 60/FINAL SHUT IN NO BLOW BACK

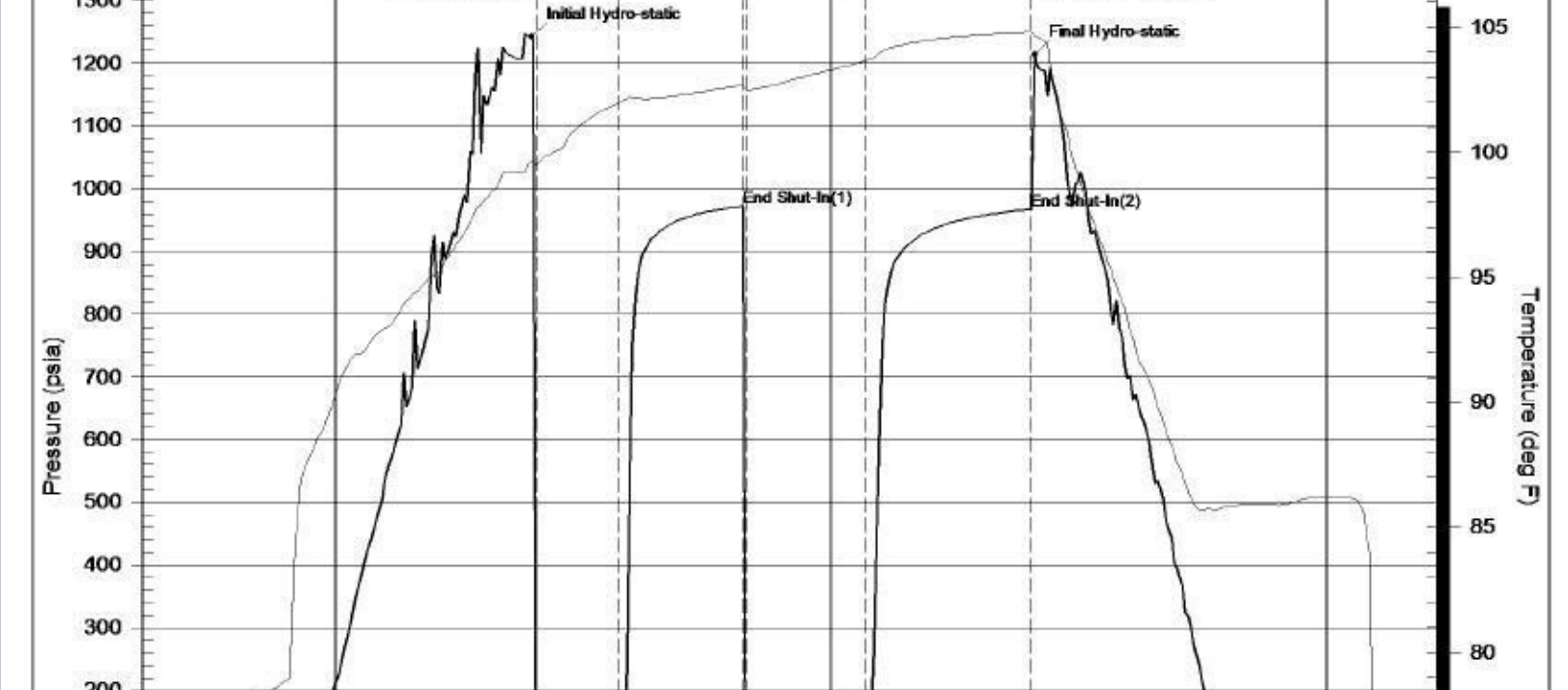
PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1241.10	99.64	Initial Hydro-static
2	36.41	99.48	Open To Flow (1)
32	61.05	101.97	Shut-In(1)
77	971.69	102.68	End Shut-In(1)
78	64.78	102.50	Open To Flow (2)
122	94.74	103.66	Shut-In(2)
182	966.86	104.79	End Shut-In(2)
183	1213.08	104.64	Final Hydro-static



Serial #: 6666 Outside NOBLE PETROLEUM INC 17-28-4 BUTLER DST Test Number: 4

Pressure vs. Time



24 Tue May 2011