



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

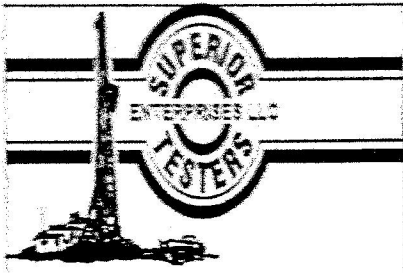
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Bird Dog Oil, LLC
Well Name	Pioneer-Hathaway 1-27
Doc ID	1164547

All Electric Logs Run

DIL
MR
BHS
Por
Sonic



DRILL STEM TEST REPORT

Bird Dog Oil
 1801 Broadway Ste. #450
 Denver Colorado 80202
 ATTN: Adam Nighswonger

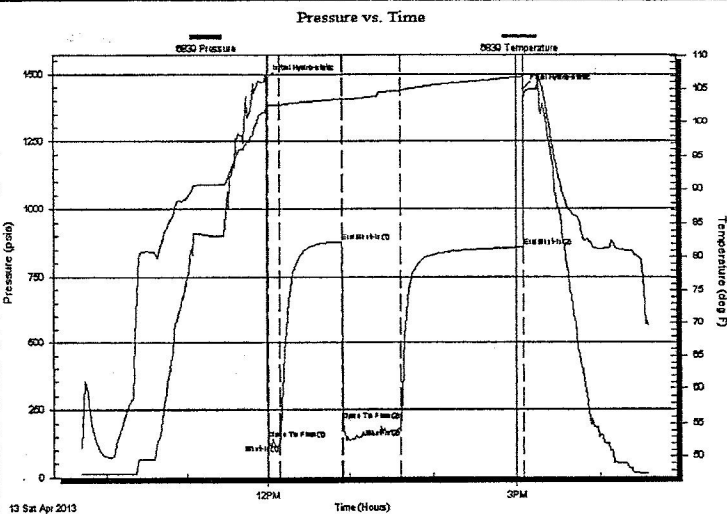
27-19s-10w -Rice
Pioneer-Hathaway1-27
 Job Ticket: 17438 DST#:1
 Test Start: 2013.04.13 @ 09:41:00

GENERAL INFORMATION:

Formation: **Lansing A-F**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:59:30
 Time Test Ended: 16:34:30
 Interval: 2946.00 ft (KB) To 3042.00 ft (KB) (TVD)
 Total Depth: 3042.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-42
 Reference Elevations: 1773.00 ft (KB)
 1765.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6839 Inside
 Press@RunDepth: 859.09 psia @ 3039.65 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.04.13 End Date: 2013.04.13 Last Calib.: 2013.04.13
 Start Time: 09:41:00 End Time: 16:35:30 Time On Btm: 2013.04.13 @ 11:59:00
 Time Off Btm: 2013.04.13 @ 15:05:00

TEST COMMENT: 1st Open 10 minutes Strong blow blew bottom bucket 1 minute.
 1st Shut in 45 minutes Yes blow back
 2nd Open 45 minutes Strong blow built to the bottom of a 5 gallon bucket instantly.
 2nd Shut in 90 minutes Yes 1/2 inch. blow back



PRESSURE SUMMARY

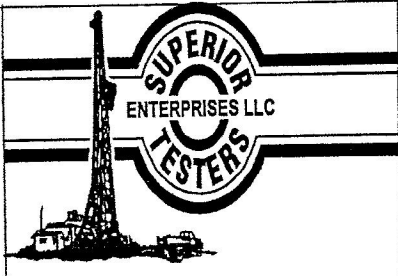
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1479.89	102.59	Initial Hydro-static
2	144.81	102.59	Open To Flow (1)
10	122.13	102.61	Shut-In(1)
55	880.41	103.59	End Shut-In(1)
57	209.73	103.42	Open To Flow (2)
98	182.14	104.78	Shut-In(2)
186	859.09	106.88	End Shut-In(2)
186	1443.24	107.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	Oil spotted gassy mud	2.52
0.00	2% Oil 98% Mud	0.00
60.00	Oil cut gassy mud	0.84
0.00	Gas 40% Oil 10% Mud 50%	0.00
60.00	Oil cut gassy mud	0.84
0.00	Gas 45% Oil 35% Mud 20%	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	1.00	4.20	120.75
Last Gas Rate	0.88	3.20	68.69
Max. Gas Rate	1.00	4.20	120.75



DRILL STEM TEST REPORT

Bird Dog Oil
 1801 Broadway Ste. #450
 Denver Colorado 80202
 ATTN: Adam Nighswonger

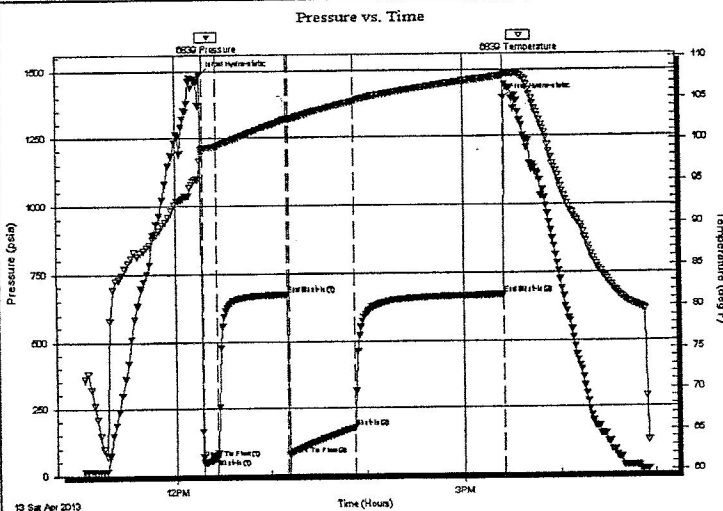
27-19s-10w -Rice
Pioneer-Hathaway1-27
 Job Ticket: 17439 **DST#: 2**
 Test Start: 2013.04.13 @ 11:00:00

GENERAL INFORMATION:

Formation: **Lansing G**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 12:17:00 Tester: Dustin Ellis
 Time Test Ended: 16:56:00 Unit No: 3315-Great Bend 42
 Interval: **3048.00 ft (KB) To 3060.00 ft (KB) (TVD)** Reference Elevations: 1773.00 ft (KB)
 Total Depth: 3060.00 ft (KB) (TVD) 1765.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 6839 Outside
 Press@RunDepth: 174.29 psia @ 3057.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.04.13 End Date: 2013.04.13 Last Calib.: 2013.04.14
 Start Time: 11:00:00 End Time: 16:56:00 Time On Btm: 2013.04.13 @ 12:16:00
 Time Off Btm: 2013.04.13 @ 15:25:30

TEST COMMENT: 1st Open 10 minutes Strong building blow blew of bottom in 1 minute.
 1st Shut in 45 minutes No blow back
 2nd Open 45 minutes Strong building blow blew of bottom of a 5 gallon bucket of water in 2 minutes.
 2nd Shut in 90 minutes Yes blow back



PRESSURE SUMMARY

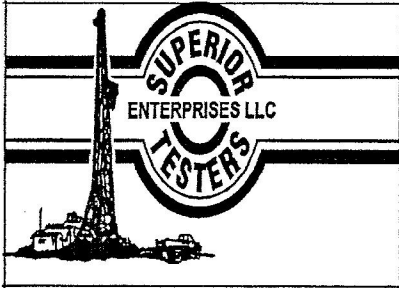
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1486.38	98.92	Initial Hydro-static
1	63.12	99.04	Open To Flow (1)
10	63.48	99.28	Shut-In(1)
55	672.76	102.56	End Shut-In(1)
56	72.92	102.47	Open To Flow (2)
97	174.29	104.71	Shut-In(2)
189	668.00	107.74	End Shut-In(2)
190	1393.10	108.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	Oil cut mud 20% Oil 80%Mud	1.71
183.00	Water 100%	2.57
0.00	Chlorides 52,000 .2ohms @ 58 degrees	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

Bird Dog Oil

27-19s-10w -Rice

1801 Broadway Ste. #450
Denver Colorado 80202

Pioneer-Hathaway1-27

ATTN: Adam Nighswonger

Job Ticket: 17440

DST#:3

Test Start: 2013.04.14 @ 04:20:00

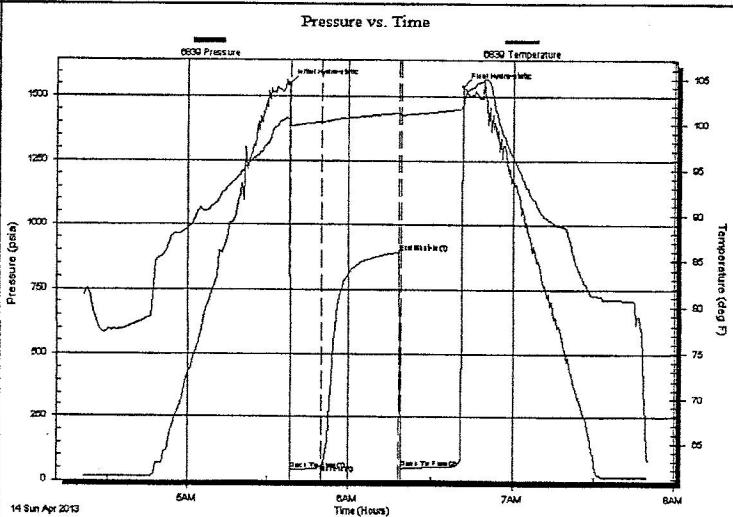
GENERAL INFORMATION:

Formation: **Lansing J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:38:30
 Time Test Ended: 07:50:00
 Interval: **3136.00 ft (KB) To 3162.00 ft (KB) (TVD)**
 Total Depth: 3162.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-42
 Reference Elevations: 1773.00 ft (KB)
 1765.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6839

Press@RunDepth: 62.88 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.04.14 End Date: 2013.04.14 Last Calib.: 2013.04.14
 Start Time: 04:20:00 End Time: 07:50:00 Time On Btm: 2013.04.14 @ 05:38:00
 Time Off Btm: 2013.04.14 @ 06:41:30

TEST COMMENT: 1st Open 10 minutes Weak surface blow through out.
 1st Shut in 30 minutes No blow back
 2nd Open 10 minutes Very weak surface blow . Flushed no help.
 2nd Shut in N/A



PRESSURE SUMMARY

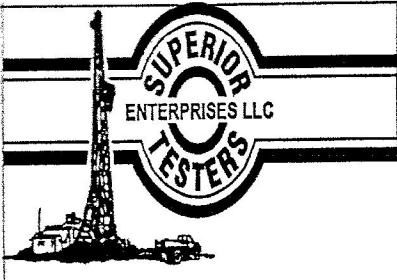
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1552.42	100.41	Initial Hydro-static
1	41.35	99.88	Open To Flow (1)
12	62.88	100.21	Shut-In(1)
41	893.72	101.21	End Shut-In(1)
41	47.93	101.01	Open To Flow (2)
64	1542.05	102.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud 100%	0.42

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

Bird Dog Oil
 1801 Broadway Ste. #450
 Denver Colorado 80202
 ATTN: Adam Nighswonger

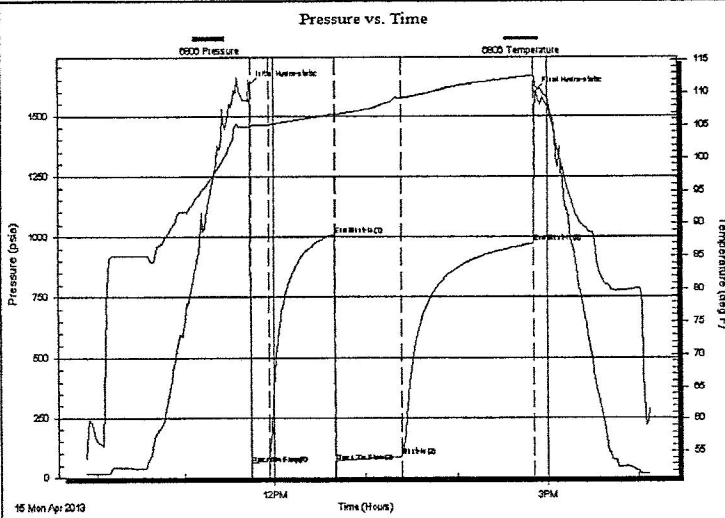
27-19s-10w -Rice
Pioneer-Hathaway1-27
 Job Ticket: 17441 DST#:4
 Test Start: 2013.04.15 @ 09:52:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:44:30
 Time Test Ended: 16:07:30
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-42
 Interval: **3230.00 ft (KB) To 3273.00 ft (KB) (TVD)**
 Total Depth: 3273.00 ft (KB) (TVD)
 Reference Elevations: 1773.00 ft (KB)
 1765.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 8.00 ft

Serial #: 6806 Outside
 Press@RunDepth: 91.82 psia @ 3270.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.04.15 End Date: 2013.04.15 Last Calib.: 2013.04.15
 Start Time: 09:52:00 End Time: 16:07:30 Time On Btm: 2013.04.15 @ 11:44:00
 Time Off Btm: 2013.04.15 @ 14:52:00

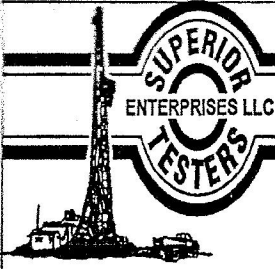
TEST COMMENT: 1st Open 10 minutes Fair building blow blew 3.5 inches into a 5 gallon bucket of water.
 1st Shut in 45 minutes No blow back
 2nd Open 45 minutes Fair building blow blew of bottom bucket 7 minutes
 2nd Shut in 90 minutes No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1628.77	104.98	Initial Hydro-static
1	56.33	104.84	Open To Flow (1)
13	89.67	105.16	Shut-In(1)
56	1008.43	106.88	End Shut-In(1)
57	65.90	106.75	Open To Flow (2)
100	91.82	109.30	Shut-In(2)
187	972.68	112.62	End Shut-In(2)
188	1598.39	111.06	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
30.00	Clean Oil 100%	0.42
60.00	Gassy oil cut mud	0.84
0.00	Gas 35% Oil 10% Mud 55%	0.00
0.00	Gravity of oil 35 corrected	0.00
0.00	398 gas in pipe.	0.00

Gas Rates			
	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

Bird Dog Oil
 1801 Broadway Ste. #50
 Denver Colorado 80202
 ATTN: Adam Nighswonger

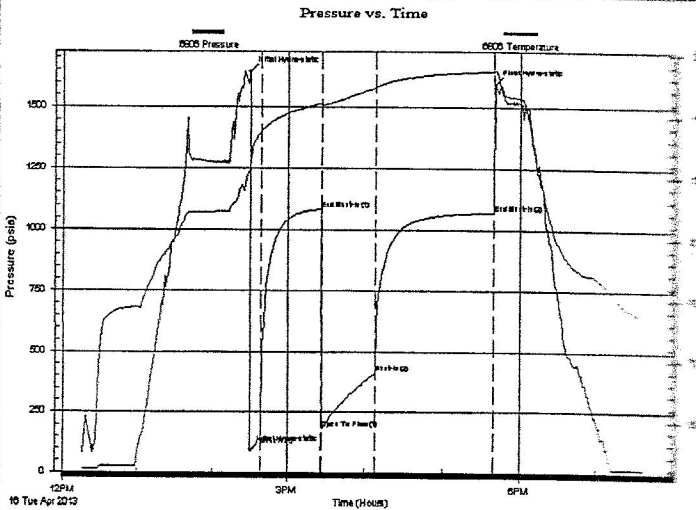
27-19s-10w -Rice
 Pioneer-Hathaway1-27
 Job Ticket: 17443 DST#: 6
 Test Start: 2013.04.16 @ 12:15:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KE)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 15:26:00 Tester: Dustin Ellis
 Time Test Ended: 19:39:30 Unit No: 3315-Great Bend-42
 Interval: **3280.00 ft (KB) To 3290.00 ft (KB) (TVD)**
 Reference Elevations: 1773.00 ft (KB)
 Total Depth: 3290.00 ft (KB) (TVD) 1765.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 6806 Outside
 Press@RunDepth: 414.44 psia @ 3287.00 ft (KE) Capacity: 5000.00 psia
 Start Date: 2013.04.16 End Date: 2013.04.16 Last Callib.: 2013.04.16
 Start Time: 12:15:00 End Time: 19:39:30 Time On Btm: 2013.04.16 @ 14:29:30
 Time Off Btm: 2013.04.16 @ 17:40:30

TEST COMMENT: 1st Open 10 minutes Strong blow back of bottom bucket 2 minutes.
 1st Shut in 45 minutes No blow back
 2nd Open 45 minutes Strong building back blow of bottom bucket in 3 minutes.
 2nd Shut in 90 minutes Yes blow back



PRESSURE SUMMARY

TIME (M)	Pressure (psia)	Temp (deg F)	Annotation
0	1641.91	101.27	Init Hydro-static
3	93.33	101.49	Init Hydro-static
9	149.13	107.42	Shut-in
56	1082.23	112.04	End Shut-in
57	181.81	111.84	Open To Flow
59	414.44	114.58	Shut-in
191	1071.49	117.21	End Shut-in
191	1593.68	117.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (cc)
305.00	Clean Oil 100%	4.28
122.00	Oil cut gassy mud	1.71
0.00	Gas 20% Oil 25% Mud 55%	0.00
305.00	Water 100%	4.28
0.00	Chlorides 19,000 -.2 ohms @58 degrees	0.00
0.00	Gravity of oil 35 corrected	0.00

Gas Rates

Choke	Pressure (psia)	Gas Rate (Mcf/d)
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BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 08285 A

27-195-10W

DATE _____ TICKET NO. _____

NO. OF B 4-17-13	DISTRICT Pratt, Kansas	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:			
CUSTOMER Bird Dog Oil, LLC		LEASE Pioneer-Hathaway		WELL NO. 1-27						
ADDRESS		COUNTY Rice	STATE Kansas							
CITY		SERVICE CREW C. Messick, M. Mattal, D. Phye								
AUTHORIZED BY		JOB TYPE: C.N.W. - Longstring								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
37,216	1.25						4-17-13			9:30
						ARRIVED AT JOB				1:00
						START OPERATION				7:00
19,903-19,905	1.25					FINISH OPERATION				8:15
						RELEASED	4-17-13			8:30
70959-19,918	1.25					MILES FROM STATION TO WELL				75

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P CP104	50/50 Poz Cement	sh	125	\$	1,375 00
P CP103	60/40 Poz Cement	sh	80	\$	960 00
P CC102	Cellplate	Lb	32	\$	118 40
P CC105	Defoamer	Lb	27	\$	108 00
P CC109	Calcium Chloride	Lb	210	\$	220 50
P CC112	Cement Friction Reducer	Lb	32	\$	192 00
P CC113	Gypsum	Lb	625	\$	468 75
P CC129	Fluid Loss	Lb	84	\$	630 00
P CC200	Cement Gel	Lb	210	\$	52 50
P CC201	Gilsonite	Lb	625	\$	418 75
P CF607	Latch Down Plug and Baffle, 5 1/2"	ea	1	\$	400 00
P CF1251	Auto Fill Float Shoe, 5 1/2"	ea	1	\$	360 00
P CF1651	Turbolizer, 5 1/2"	ea	8	\$	880 00
P CF1901	Basket, 5 1/2"	ea	1	\$	290 00
P C704	Claymax	Gal	4	\$	140 00
P CC151	Mud Flush	Gal	500	\$	430 00

SUB TOTAL

DLS

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE *R. Messick*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

5-483-2025
324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6602

Lease	Sec.	Twp.	Range	County	State	On Location	Finish
4-10-13	27	19	10	Rice	Ks		4:30 AM
Pioneer - Hathaway				Location Clafin, Ks - E to 4th Rd, S to L Rd			
Contractor Southwind		Well No. #1-27		Owner 1/2 E, N into, west to Rig			
Type Job Surface		#6		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size 12 1/4"		T.D. 308'		Charge To Bird Dog			
Csg. 8 5/8"		Depth 308'		Street			
Tbg. Size		Depth		City		State	
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. 15'		Shoe Joint 15'		Cement Amount Ordered 330 SX Common 3% CB			
Meas Line		Displace 18 1/2 BLS		2% Gel 1/2 H Fl-seal			
EQUIPMENT				Common 300			
Pumptrk 15 No.		Cementer Helper Nick		Poz. Mix			
Bulktrk 12 No.		Driver Billy		Gel. 6			
Bulktrk p.u. No.		Driver Rick		Calcium 11			
JOB SERVICES & REMARKS				Hulls			
Remarks: Cement did Circulate				Salt			
Rat Hole				Flowseal 175#			
Mouse Hole				Kol-Seal			
Centralizers				Mud CLR 48			
Baskets				CFL-117 or CD110 CAF 38			
D/V or Port Collar				Sand			
				Handling 330			
				Mileage			
				FLOAT EQUIPMENT			
				Guide Shoe			
used 300 SX				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge Surface			
				Mileage 34			
				Tax			
				Discount			
Signature <i>[Signature]</i>				Total Charge			