

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1164547

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM

## WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	
Name:	
Wellsite Geologist:	
Purchaser:	
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil       WSW       SWD       SIOW         Gas       D&A       ENHR       SIGW         OG       GSW       Temp. Abd         CM (Coal Bed Methane)       Cathodic       Other (Core, Expl., etc.):         If Workover/Re-entry:       Old Well Info as follows:	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to S Conv. to GSW	Chloride content: ppm Fluid volume: bbls
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec Two S R East West
ENHR         Permit #:           GSW         Permit #:	Country Dermit #
Spud Date or         Date Reached TD         Completion Date or           Recompletion Date         Recompletion Date         Recompletion Date	—

### AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

## Submitted Electronically

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Side Two	1164547
Operator Name:	Lease Name:	Well #:
Sec TwpS. 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 (Attach Additional She	eets)	Yes N	0			n (Top), Depth and		Sample
Samples Sent to Geolog	gical Survey	Yes N	0	Name			Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ N ☐ Yes ☐ N ☐ Yes ☐ N	0					
List All E. Logs Run:								
		CAS	SING RECORD	New	/ Used			
		Report all strings	set-conductor, sur	face, inter	mediate, producti	on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weigh Lbs. / F		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: —— Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify For		RD - Bridge P Each Interval I		e			ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	:e:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed P	Producti	on, SWD or ENHF	₹.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF G	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit A	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Subr	nit ACO	-18.)		Other (Specify)						

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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	
BHS Por	
Sonic	

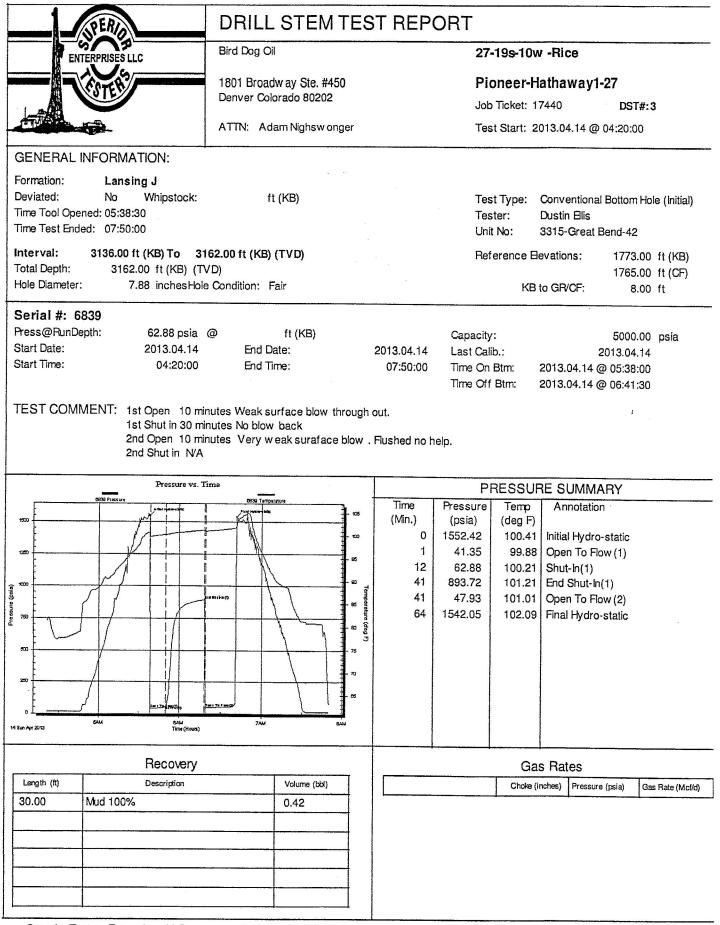
8.	Bird D	og Ol		27-	19s-10w	-Rice		
		Broadw ay Ste. #450		Pic	neer-Ha	thaway	1-27	
E.		r Colorado 80202			Ticket: 17	-	DST#:1	a <sup>r</sup> F
	ATTN:	Adam Nighsw onger					09:41:00	
GENERAL	INFORMATION:			<u> </u>	•			
ernation	Lansing A-F							
	No Whipstock: ened: 11:59:30 ded: 16:34:30	ft (KB)		Tes	ter: C	Convention Dustin 日lis 3315-Great	al Bottom Hol Bend-42	e (Initial)
nterval:	2946.00 ft (KB) To 3042.00 ft	(KB) (TVD)		Ref	erence 🖯e	vations:	1773.00	ft (KB)
Total Depth: Hole Diamete	3042.00 ft (KB) (TVD)				KB t	o GR/CF:	1765.00 8.00	ft (CF)
Serial #:	6839 Inside					<u></u>	<u> </u>	<del></del>
Pess@RunE Start Date: Start Time:	2013.04.13	039.65 ft (KB) End Date: End Time:	2013.04.13 16:35:30		b.: Btm: 2		5000.00 2013.04.13 @ 11:59:00 @ 15:05:00	,
TEST CON	1MENT: 1st Open 10 minutes S	trong blow blew bottom t	oucket 1 minu	te.				
	1st Shut in 45 minutes Y	es blow back			•			19 - 5 No.
	2nd Open 45 minutes S 2nd Shut in 90 minutes Y		ttom of a 5 ga	allon bucket in	stsntly.			
	End Gharm of Amator 1							
2°	Pressure vs. Time			Р	RESSUF	RE SUMN		ж. 1.
1900	BEGG Prossilla	0830 Temperature 110	Time (Min.)	Pressure (psia)	Temp (deg F)	Annotat	ion	÷
	1	105	(10111.)			Initial Hyd	ro-static	
1250			2			Open To		8
Ę			10	122.13	102.61	1		
1000			- 55	880.41	103.59	End Shut-	·ln(1)	
ŀ		furniture h	57	1		Open To		
750		75	98	a produce and to be		Shut-In(2)		
ł		70	98 98 186	ł	1	End Shut-		
20			186	5 1443.24	107.12	Final Hyd	ro-static	. * <sup>*</sup>
F 11 /	129 m r r rac 1	ло зем						
. E	Time (Hours)			<u></u>	Ga	s Rates		
0 5 x Apr 2013	Recovery		]		Choke (i		sure (psia) G	as Rate (Mcf/c
	Recovery	Volume (bbl)			_			
Length (ft) 180.00	Description	Volume (bbl) 2.52	First G	as Rate	1	1.00	4.20	120.75
Length (ft)				Bas Rate Bas Rate		0.88	4.20 3.20	120.75 68.69
Length (ft) 180.00	Description Oil spotted gassy mud	2.52	Last G					
Length (ft) 180.00 0.00	Description Oil spotted gassy mud 2% Oil 98% Mud	2.52 0.00	Last G	as Rate		0.88	3.20	68.69
Length (ft) 180.00 0.00 60.00	Description Oil spotted gassy mud 2% Oil 98% Mud Oil cut gassy mud	2.52 0.00 0.84	Last G	as Rate		0.88	3.20	68.69

DRILL ST	TEM TEST RE	POR	Т				
ENTERPRISES LLC Bird Dog Oil			27-19	)s-10w -	Rice		
1801 Broadw ay				eer-Hat		-	
Denver Colorado				cket: 174		DST#:	2
ATTN: Adam N	ighsw onger		Test S	Start: 201	3.04.13	3@11:00:00	
GENERAL INFORMATION:							
Formation:Lansing GDeviated:NoWhipstock:ft (KETime Tool Opened:12:17:00Time Test Ended:16:56:00	)		Teste Unit N	r: Di lo: 33	ustin El 315-Gro	eat Bend 42	
Interval:3048.00 ft (KB) To3060.00 ft (KB) (TVTotal Depth:3060.00 ft (KB) (TVD)Hole Diameter:7.88 inchesHole Condition: Fair	D)		Refer	ence Elev KB to	GR/CF	1765.0	oft(KB) oft(CF) oft
Serial #: 6839OutsidePress@RunDepth:174.29 psia @ 3057.00 ftStart Date:2013.04.13Start Time:11:00:00End Time:TEST COMMENT:1st Open10 minutes Strong build	2013.04 16:56	1.13 L 5:00 -	Capacity: _ast Calib. Time On B Time Off E ute.	tm: 2		5000.0 2013.04.1 .13 @ 12:16:0 .13 @ 15:25:3	0
1st Shut in 45 minutes No blow ba 2nd Open 45 minutes Strong buil 2nd Shut in 90 minutes Yes blow	ack ding blow blew of bottom		allon bu <b>ck</b>			minutes.	
TT BOSD Pressure BSSD Temperature	+10 Tim		ressure	Temp		otation	
	(Min		(psia) 486.38	(deg F) 98.92	Initial H	-lydro-static	
		1	63.12	99.04	1.00	To Flow (1)	
	- 08	10 55	63.48 672.76	99.28 102.56	Shut-I End S	n(1) hut-ln(1)	
	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	56	72.92	102.47	Open	To Flow (2)	
	specialities (deeg		174.29 668.00	104.71 107.74	Shut-I End S	ln(2) hut-ln(2)	
20 40 40 40 40 40 40 40 40 40 4		t	393.10	108.15		-lydro-static	
Recovery				Ga	s Rate	es	
	Volume (bbl)			Choke (i		Pressure (psia)	Gas Rate (Mcf/d)
	1.71						
100.00 Mator 10075	2.57						
0.00 Chlorides 52,000 .20hms @ 58 degrees	0.00						
						04.14 @ 05:22	

Superior Testers Enterprises LLC

Printed: 2013.04.14 @ 05:22:04

and the second second second



Superior Testers Enterprises LLC

						9 <del>5</del> -10w	Bice		9 107-004
EN	NTERPRISES LLC	Bird Dog Oil							
	(STER)	1801 Broadw ay Ste. #450 Denver Colorado 80202					thaway1-		
		Denver Colorado 80202			Job	Ticket: 174	441	DST#:4	
ETVICE II		ATTN: Adam Nighsw ongel	r		Test	Start: 20	13.04.15 @	09:52:00	
GENERAL	INFORMATION:								
	Arbuckle No Whipstock: ened: 11:44:30 ded: 16:07:30	ft (KB)			Test Test Unit	ier: D	Conventional Custin 日lis 3315-Great B	l Bottom Hole ( Bend-42	Initial)
Interval: Total Depth: Hole Diamete	3230.00 ft (KB) To 32 3273.00 ft (KB) (T					erence Ee		1773.00 ft 1765.00 ft 8.00 ft	(CF)
Serial #: Press@Run[ Start Date: Start Time: TEST CON	Depth: 91.82 psia 2013.04.15 09:52:00 MMENT: 1st Open 10 m 1st Shut in 45 m 2nd Open 45 m	<ul> <li>3270.00 ft (KB)</li> <li>End Date:</li> <li>End Time:</li> <li>ninutes Fair building blow blew</li> <li>ninutes No blow back</li> <li>ninutes Fair building blow blew</li> <li>ninutes No blow back</li> </ul>	3.5 in			o.: Btm: 2 Btm: 2	201 <b>3.04</b> .15 ( 2013.04.15 (		sia ,
	Pressure vs.	Time			PI	RESSUF	RE SUMM	ARY	
1200 1220 720 500 500 220 0 15 Men /er 2013	Densure vs.	2500 Temperaula 	- 115 - 110 - 106 - 106 - 107 - 106 - 107 - 107 - 106 - 107 - 107 - 106 - 107 - 107	Time (Min.) 0 1 13 56 57 100 187 188	Pressure (psia) 1628.77 56.33 89.67 1008.43 65.90 91.82 972.68 1598.39	Temp (deg F) 104.98 104.84 105.16	Shut-In(2) End Shut-I	o-static low (1) n(1) low (2) n(2)	
		CBCD Temperous	- 110 - 105 - 106 - 108 - 108	(Min.) 0 1 13 56 57 100 187	Pressure (psia) 1628.77 56.33 89.67 1008.43 65.90 91.82 972.68	Temp (deg F) 104.98 104.84 105.16 106.88 106.75 109.30 112.62 111.06	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro snat Hydro	o-static low (1) n(1) low (2) n(2) o-static	
1220 1000 750 200 200 200 16 Mm Ayr 2013 Length (ft)	Description	CECD Temperous	- 110 - 105 - 106 - 108 - 108	(Min.) 0 1 13 56 57 100 187	Pressure (psia) 1628.77 56.33 89.67 1008.43 65.90 91.82 972.68	Temp (deg F) 104.98 104.84 105.16 106.88 106.75 109.30 112.62 111.06	Annotatio Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro s Rates	o-static Now (1) n(1) Now (2) n(2) o-static	Rate (Mcl/c
1220 500 500 200 5 Men /şr 2013 Length (ft) 30.00	Terre (Host Clean Oil 100%	2600 Temperovit	- 110 - 105 - 106 - 108 - 108	(Min.) 0 1 13 56 57 100 187	Pressure (psia) 1628.77 56.33 89.67 1008.43 65.90 91.82 972.68	Temp (deg F) 104.98 104.84 105.16 106.88 106.75 109.30 112.62 111.06	Annotatio Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro s Rates	o-static Now (1) n(1) Now (2) n(2) o-static	Rate (Mcl/c
1220 100 1000 1	Tres (Hors)	осо Тепритин	- 110 - 105 - 106 - 108 - 108	(Min.) 0 1 13 56 57 100 187	Pressure (psia) 1628.77 56.33 89.67 1008.43 65.90 91.82 972.68	Temp (deg F) 104.98 104.84 105.16 106.88 106.75 109.30 112.62 111.06	Annotatio Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro s Rates	o-static Now (1) n(1) Now (2) n(2) o-static	Rate (Mcl/c
1220 100 1000 1	Tree (Hours) Clean Oil 100% Gassy oil cut mud Gas 35% Oil 10% Mud 3	раниентик Свор Тетритик Свор Тетр	- 110 - 105 - 106 - 108 - 108	(Min.) 0 1 13 56 57 100 187	Pressure (psia) 1628.77 56.33 89.67 1008.43 65.90 91.82 972.68	Temp (deg F) 104.98 104.84 105.16 106.88 106.75 109.30 112.62 111.06	Annotatio Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro s Rates	o-static Now (1) n(1) Now (2) n(2) o-static	Rate (Mcl/c
1200 1000 1000 1000 1000 15 Men Apr 2019 Length (fl) 30.00 60.00 0.00 0.00	Traction Traction Traction Traction Traction Clean Oil 100% Gass 35% Oil 10% Mud Gravity of oil 35 correct	Open Property at           Image: Constrained at the second at th	- 110 - 105 - 106 - 108 - 108	(Min.) 0 1 13 56 57 100 187	Pressure (psia) 1628.77 56.33 89.67 1008.43 65.90 91.82 972.68	Temp (deg F) 104.98 104.84 105.16 106.88 106.75 109.30 112.62 111.06	Annotatio Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro s Rates	o-static Now (1) n(1) Now (2) n(2) o-static	Pate (McV/
1220 1000 1000 1000 1000 15 Mon Ayr 2013 Length (fit) 30.00 60.00 0.00	Tree (Hours) Clean Oil 100% Gassy oil cut mud Gas 35% Oil 10% Mud 3	раниентик Свор Тетритик Свор Тетр	- 110 - 105 - 106 - 108 - 108	(Min.) 0 1 13 56 57 100 187	Pressure (psia) 1628.77 56.33 89.67 1008.43 65.90 91.82 972.68	Temp (deg F) 104.98 104.84 105.16 106.88 106.75 109.30 112.62 111.06	Annotatio Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro s Rates	o-static Now (1) n(1) Now (2) n(2) o-static	Rate (Mcl/c

ENTERPRISES LLC	Bird Dog Oil		27-	9s-10w	-Rice		
- COTEN	1801 Broadw ay Ste. #450 Denver Colorado 80202			n <b>eer-Ha</b> Ficket: 174	thaway1-2	27 DST#:5	
	ATTN: Adam Nighsw onger				13.04.15@		
GENERAL INFORMATION:	<u> </u>	<u></u>					
Formation: Arbuckle							
Deviated: No Whipstock: Time Tool Opened: 11:40:30 Time Test Ended: 16:24:30	ft (KB)		Test Test Unit	er: D	Conventional Austin Elis 315-Great B		e (Initial)
Total Depth: 3280.00 ft (KB) (T	<b>280.00 ft (KB) (TVD)</b> VD) le Condition: Poor		Refe	erence Ee KB to	vations: o GR/CF:	1773.00 1765.00 8.00	ft (CF)
Serial #: 6806         Outside           Press@RunDepth:         67.36 psia           Start Date:         2013.04.15           Start Time:         10:12:00	End Date:	2013.04.15 16:24:30	Capacity Last Cali Time On Time Off	o.: Btm: 2	2 2013.04.15 @ 2013.04.15 @		psia
2nd Open 45 r	minutes Fair building blow blew 2.5 minutes No blow back minutes Fair building blow blew of minutes No blow back						·
Pressure vs.	Time To State	Time	Pressure	RESSUF Temp	E SUMMA Annotatio		
		(Mīn.) 0 1 11	(psia) 1635.09 35.96 65.56	(deg F) 96.58 97.34 98.96	Initial Hydro Open To Flo Shut-In(1)	o-static ow (1)	
SMAA220		Типреница 97 181 182	1015.40 56.72 67.36 956.23 1513.99	111.74	Open To Fl Shut-In(2)	ow (2) n(2)	
SMARAF 200 Time (hard		Temperature         56           97         97           181         181	1015.40 56.72 67.36 956.23	104.53 107.86 111.74 111.90	Open To Fl Shut-In(2) End Shut-Ir	ow (2) n(2)	
		Temperature         56           97         97           181         181	1015.40 56.72 67.36 956.23	104.53 107.86 111.74 111.90	Open To Flo Shut-In(2) End Shut-Ir Final Hydro	ow (2) n(2) static	as Rate (Mct/c
Silkin Arr 200 Entry Recovery		Temperature         56           97         97           181         181	1015.40 56.72 67.36 956.23	104.53 107.86 111.74 111.90 Ga	Open To Flo Shut-In(2) End Shut-Ir Final Hydro	ow (2) n(2) static	as Rate (Mct/c
25 Mar./er 2013 The plane Recovery Length (ft) Description		Temperature         56           97         97           181         181	1015.40 56.72 67.36 956.23	104.53 107.86 111.74 111.90 Ga	Open To Flo Shut-In(2) End Shut-Ir Final Hydro	ow (2) n(2) static	as Rate (Mct/c
Estender 2013 Time (ft) 15.00 Gassy mud cut oil		Temperature         56           97         97           181         181	1015.40 56.72 67.36 956.23	104.53 107.86 111.74 111.90 Ga	Open To Flo Shut-In(2) End Shut-Ir Final Hydro	ow (2) n(2) static	as Rate (Mct/c
The plane The plane The plane The plane Recovery Length (ft) Description 15.00 Gassy mud cut oil 0.00 Gas 30% 60%Oil 10%M	volume (bbl) 0.21 Vulud 0.84	Temperature         56           97         97           181         181	1015.40 56.72 67.36 956.23	104.53 107.86 111.74 111.90 Ga	Open To Flo Shut-In(2) End Shut-Ir Final Hydro	ow (2) n(2) static	as Rate (Mct/c
The place The place	volume (bbi) 0.21 Vlud 0.84	Temperature         56           97         97           181         181	1015.40 56.72 67.36 956.23	104.53 107.86 111.74 111.90 Ga	Open To Flo Shut-In(2) End Shut-Ir Final Hydro	ow (2) n(2) static	as Rate (Mcf

SPERIO		TEST REPORT						
ENTERPRISES LLC	Bird Dog Oil	Dog Oil			27-19s-10w -Rice			
COTEH?	1801 Broadw ay Ste. #450		P	oneer-Hathaway	/1-27			
	Denver Colorado 80202		ici	Ticket: 17443	DST#:6			
	ATTN: Adam Nghswonger		Tex	st Start: 2013.04.16	@ 12:15:00			
GENERAL INFORMATION:	*****			······································	n, - , , , , , , , , , , , , , , , , , ,			
Formation: Arbuckle Deviated: No Whipstock: Time Tool Opened: 15:26:00 Time Test Ended: 19:39:30	ft (KE		Tes	st Type: Convention ster: Dustin Ellis t No: 3315-Grea				
Interval:3280.00 ft (KB) To3Total Depth:3290.00 ft (KB) (*Hole Diameter:7.88 inchesHo			Ret	erence Elevations: KB to GR/CF:	1773.00 ft (KB) 1765.00 ft (CF) 8.00 ft			
Serial #: 6806 Outside								
Press@RunDepth:414.44 psiaStart Date:2013.04.16Start Time:12:15:00	End Date:	2012/04/18 2020/20	Capacity Last Cal Time On Time Off	b.: Btm: 2013.04.16	5000.00 psia 2013.04.16 5 @ 14:29:30 5 @ 17:40:30			
2nd Open 45 r	minutes Strong blow been a bar minutes No blow back minutes Strong building bar minutes Yes blow back			es.	,			
Pressure vs. 5505 Pressure	Time 660 Temperature			RESSURE SUM				
1000 1000 1000 1000 1000 1000 1000 100	000 Temperaura	9 56 57 93 91	Pressure (psia) 1641.91 93.33 149.13 1082.23 181.81 414.44 1071.49 1593.68	Temp         Arrotal           (deg F)         101.27           101.27         bbayd           101.49         bbayd           107.42         Show - yd           107.42         Show - yd           112.04         Show - yd           111.84         Chen To 4           114.58         Show - To 4           117.21         End Show - To 4           117.34         End Show - To 4	or 10-sizio 10-sizio 10-sizio 10-sizio			
500 Presure 1000 1200 1000		• • • • • • • • • • • • • • • • • • •	Pressure (psia) 1641.91 93.33 149.13 1082.23 181.81 414.44 1071.49	Temp         Annotating           (deg F)         101.27           101.27         bttayd           101.49         bttayd           107.42         Story           112.04         bttayd           111.84         Cter To 4           114.58         Story           117.21         End Story	or 10-sizio 10-sizio 10-sizio 10-sizio			
1000 1000	COO Temperaure Interview	• • • • • • • • • • • • • • • • • • •	Pressure (psia) 1641.91 93.33 149.13 1082.23 181.81 414.44 1071.49	Temp         Annotating           (deg F)         101.27           101.27         bbs           101.49         bbs           107.42         Short           112.04         End Short           111.84         Cost           114.58         Short - E           117.21         End Short - E           117.34         End Short - E	or 10-sizio 10-sizio 10-sizio 10-sizio			
BEO Presure BEO Presure Tex Apr 2019 Transition Tr	обод Татратция ////////////////////////////////////	• • • • • • • • • • • • • • • • • • •	Pressure (psia) 1641.91 93.33 149.13 1082.23 181.81 414.44 1071.49	Temp         Annotating           (deg F)         101.27           101.27         bbs           101.49         bbs           107.42         Short           112.04         End Short           111.84         Cost           114.58         Short - E           117.21         End Short - E           117.34         End Short - E	07 10-51210 10-31210 507 			
tength (ft) Description 305.00 Clean Oil 100% 122.00 Oil cut gassy mud	ССО Тепрателя /// четика /// четика /// // // // // // // // // // // // //	• • • • • • • • • • • • • • • • • • •	Pressure (psia) 1641.91 93.33 149.13 1082.23 181.81 414.44 1071.49	Temp         Annotating           (deg F)         101.27           101.27         bbs           101.49         bbs           107.42         Short           112.04         End Short           111.84         Cost           114.58         Short - E           117.21         End Short - E           117.34         End Short - E	07 10-51210 10-31210 507 			
The Arr 213 Traches of Clean Oil 100%	обод Тапратали	• • • • • • • • • • • • • • • • • • •	Pressure (psia) 1641.91 93.33 149.13 1082.23 181.81 414.44 1071.49	Temp         Annotating           (deg F)         101.27           101.27         bbs           101.49         bbs           107.42         Short           112.04         End Short           111.84         Cost           114.58         Short - E           117.21         End Short - E           117.34         End Short - E	07 10-51210 10-31210 507 			
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то Ангения 1000 Пересия 1000 Пересия 100	ССО Тепрателя /// четика /// четика /// четика /// четика /// четика /// четика /// четика // четика	• • • • • • • • • • • • • • • • • • •	Pressure (psia) 1641.91 93.33 149.13 1082.23 181.81 414.44 1071.49	Temp         Annotating           (deg F)         101.27           101.27         bbs           101.49         bbs           107.42         Short           112.04         End Short           111.84         Cost           114.58         Short - E           117.21         End Short - E           117.34         End Short - E	07 10-51200 10-31200 50% 50% 50% 50% 50% 50% 50% 50% 50% 5			
BOD Presure         Intervention           1000         1000         1000         1000           1000         1000         1000         1000         1000           1000         1000         1000         1000         1000         1000           1000         122.00         011 cut gassy mud         0.00         125% Mud 5         305.00         Water 100%           1000         1000         125% Mud 5         305.00         Water 100%         1000         1.000	осо Тепратрия лико сели Volume (сс.) 4.28 1.71 55% 0.00 4.28 ms @58 degrees 0.00 ed 0.00	• • • • • • • • • • • • • • • • • • •	Pressure (psia) 1641.91 93.33 149.13 1082.23 181.81 414.44 1071.49	Temp         Annotating           (deg F)         101.27           101.27         bhailer + 2           101.49         bhailer + 2           107.42         Short + 2           112.04         bhailer + 2           112.04         bhailer + 2           114.58         Short + 2           117.21         bhailer + 2           117.21         bhailer + 2           117.34         Bhailer + 2           Gailer + 2         Short + 2           Choiler + 2         Short + 2	Gas Rate (Mct/c)			
рабо Ризсия 1000 122.00 00 1000 1000 1000 122.00 00 1000 1000 1000 1000 122.00 00 1000 1000 1000 1000 122.00 00 100	ССО Тепрателя /// четика /// четика /// четика /// четика /// четика /// четика /// четика // четика	• • • • • • • • • • • • • • • • • • •	Pressure (psia) 1641.91 93.33 149.13 1082.23 181.81 414.44 1071.49	Temp         Annotating           (deg F)         101.27           101.27         bbs           101.49         bbs           107.42         Short           112.04         End Short           111.84         Cost           114.58         Short - E           117.21         End Short - E           117.34         End Short - E	Gas Rate (Mct/c)			

							LL4L36118		
					FIELD SERVICE TICKET				
		SIC P.O Pra	44 NE H . Box 86 tt, Kansa ne 620-6	13 as 67124			1718 08285 A		
	ING & WIRELINE	27-	S-10W DATE TICKET NO						
BOF4-17-13 DISTRICT Pratt. Tansas					NEW OLD PROD INJ WDW CUSTOMER WELL WELL PROD INJ ORDER NO.:				
USTOMER Bird Dog Oil LLC					LEASE Pioneer-Hathaway WELL NO. 1-27				
ADDRESS					COUNTY Rice STATE TANSAS				
CITY STATE					SERVICE CREWC. Messich: M. Mattal: D. Phye				
AUTHORIZED BY					JOB TYPE: C. N. W Longstring				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQU	JIPMENT#	HRS	TRUCK CALLED 4 7 8 PM 9 30		
37,216	1.25	the upder to the state of			and Books of Looks		ARRIVED AT JOB		
Salah Karanganan Arang Ar		to a construction of the	- 258 ·	and the second	Charles and the second second	dens.com	START OPERATION		
19,903-19,905	1.25			and the second	an an assan ta		FINISH OPERATION		
3-250-10010	100			1.151.00			RELEASED 4-17-13 AM 8:30		
70959-19918	1.25	in the state of the		and a second			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)

		the set of the set of the state of the state of the state of		Telle Reiter				
	ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND S	SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	T
0	CP104	Solso Poz Cement	elan in copera va castan yan i	St	125	\$	1,375	00
5	CP. 103	60140 Poz Cement	Minister Anne ant un pressen et a	St	80	5	1960	0
	C1.105	DOT TO TOP COMEND	1 M (1997)		-		Automo na en	
2	CC102	Cell flate		Lb	32	5	118	40
0	CC 105	Defogmer	New World and the top of the service s	Lb.	27	5	108	00
0	CC 109	Calcium Chloride		Lb	210	5	220	50
6	00117	Cement Friction Reducer	ons vernoo aan shart inn joohns	66	32	5	192	00
6	CC 113	GNDSUM		Lb	625	\$	468	75
D	CC 129	FluidLoss	WHICH EXTEND REVOLUTION THOU	Lb	84	5	, 630	00
0	CC 200	Cement Gel		Lb	210	\$	52	50
5	CC 201	Gilsonite	en ma Assairon netal start both	Lb	625	\$	418	75
	ic au	GILOMIC						
P	15607	Latch Down Plug and Baf	fle, 5 1/2"	ea	1	15	400	00
P	CF 1251	AutoFill Float Shoe. 51	12	ea	1	5	360	00
0	CF 1651	Turbolizer, 5/2	netion agreeds for anish ad the	ea	8	5	880	00
b	CF 1901	Bastet, 51/2"		ea	1	5	290	00
		pasiter, Ja	no menacilio venum de 416 senti			L. L.	And sold a	1 400
>	C 704	Claymax	no ex Joshita da Noedus Ion	Gal	4	\$	140	00
p	CCISI	Mud Flush	net in unnertailise; set mod gains	Gal	500	5	430	00
	<u> </u>	1/11/04 1 1031	anound a second			SUB TOTAL		
	СН	EMICAL / ACID DATA:			gial to the	DLS	o 66 deimul Ros	-
			SERVICE & EQUIP	MENT	%TA	X ON \$		
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	and the second second second		alone should be dealership you'r			TOTAL	in Alabamic .	a boot
	termin reactions and	to you fold to the first class frequent which to be	anana marin inalifea 1 an	~	all usi berces		Design that is in	
	and a near second second		Spal.	20	1 5 1		Renard of Holyclas Anna Anna Anna A	
	SERVICE_	A ALL THE	ABOVE MATERIAL AND SER	VICE	· Ila	ANIK		
	REPRESENTATI		ERED BY CUSTOMER AND R	ECEIVE		APCIT		
	L	N WING CO HI CONTRACTOR	Research Considering The Constant	(WELL C	OWNER OPERA	TOR CONTRACTOR OF	AGENT)	
	FIELD SERVICE	ORDER NO.			111			

# JALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107 Home Office P.O. Box 32 Russell, KS 67665 No. 6602

-324-1041						-	
e4-10-13 Sec.	Twp.	Range	Ro	County	Ks State	On Location	4.30AM
Pioneer - Hathau Lease	say	'ell No. # ) -	Location	on Claff	AKS-E E NINto	to 4th Rd	StoLRd
Contractor Southwind	HP HP		<u>, , , , , , , , , , , , , , , , , , , </u>	To Quality O You are here	ilwell Cementing, Inc		t and furnish
Type Job Surface Hole Size )21/411	T.D.	308'		Charge B	ich Doo		
<u>Csg. 85/8 <sup>ii</sup></u> Tbg. Size	Depth Depth	308'		Street City		State	
Tool	Depth			The above wa	as done to satisfaction a	nd supervision of owner	agent or contractor.
Cement Left in Csg. 15	Shoe Joi		51	1	ount Ordered 33		mon 3206
Meas Line	Displace	18/2	BUS	26 bel	3H Fin-seal		
EQUIPM	IENT			Common 3	00	· · · · · · · · · · · · · · · · · · ·	
Pumptrk /S No. Cementer N	ick			Poz. Mix			
Bulktrk 12 No. Driver B:11	1			Gel. 6			
Bulktrk P.U., No. Driver R.C.	<del>K</del>			Calcium	(		
JOB SERVICES	& REMAR	KS		Hulls		(	21
Remarks: Cement did		licula	ŧe	Salt	l.		
Rat Hole				Flowseal	75. <del>I</del>		-
Mouse Hole	-			Kol-Seal			
Centralizers				Mud CLR 48	3		
Baskets		· · · · · · · · · · · · · · · · · · ·		CFL-117 or	CD110 CAF 38		
D/V or Port Collar		3. <sub>1</sub>		Sand			
·				Handling 3	30		
				Mileage			
1					FLOAT EQUIPN	IENT	
				Guide Shoe		· · · · · · · · · · · · · · · · · · ·	
used 30	DJ	· }		Centralizer			
				Baskets			
	2022/2022-01/2022/2022			AFU Inserts			
				Float Shoe			
				Latch Down			
· 2 · 3							
					<u> </u>		
				<b>`</b>	arge Surface	e	
				Mileage 3	4		
						Tax	
× 1 /	11-					Discount	
X Signature	0					Total Charge	