

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1137269

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 #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
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 If yes, show depth set: Feet If Alternate II completion, cement circulated from: feet depth to: sx cmt
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 SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite:
Plug Back: Plug Back Total Depth Commingled Permit #:	
Dual Completion Permit #:	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date Date Reached TD Completion Date or 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

	Side Two	1137269
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 No)	☐ Log Name	Formatior	n (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes No)	Name			Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	Yes No Yes No Yes No	>					
List All E. Logs Run:								
		CAS	ING RECORD	New	Used			
		Report all strings	set-conductor, surfa	ace, interm	nediate, productio	on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight 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	RECOF	RD - Bridge P Each Interval F	lugs Set/Typ Perforated	e			ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	ł.	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	s.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	ON OF (BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Uually (Submit /	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Sul	bmit ACC)-18.)		Other (Specify)						<u></u>

Form	ACO1 - Well Completion
Operator	Bird Dog Oil, LLC
Well Name	PIONEER-ORTH 1-30
Doc ID	1137269

All Electric Logs Run

DIL	
MR	
BHS	
Por	
Sonic	

JUA	LITY	OILW		L CEME	ENTI		
one 785-483-2025 Cell 785-324-1041	Н			(32 Russell, KS		2.5	o. 040
Date //2=1-12	Sec. Twp.	Range	R	08 8		On Location	IL DO N
ease Din Ung . Ort	k Well No.	1-30	Location	Chase the	VANK	EMSIN	<u>10</u>
Contractor Southa	ANNE B			Owner			
Type Job Sup Face	2	,		To Quality Oilwell Cen You are hereby reque	sted to rent ce	ementing equipr	nent and furnish
Hole Size	124T.D. /	214 3	205	cementer and helper t	o assist owne	r or contractor to	o do work as listed
Csg.	Depth	842	205	Charge Bind	Dog	0.28	
Tbg. Size	Depth		0	Street	~ /		
Tool	Depth			City	e	State	
12	20 Shoe J			The above was done to	satisfaction and	l supervision of ov	vner agent or contrac
Cement Left in Csg.	Displac	MOL I	AND I	Cement Amount Orde	O A DO	Com 3	42 1/2 F
Meas Line	EQUIPMENT	<u>1000</u>	v~			- to fit the the	
No. Cemer		Daw	8	Common 2030			
Pumptrk No. Helper		mou	159.		21		
Bulktrk / Driver			1	Poz. Mix			
Bulktrk Driver		9	e	Gel.			
JOB SEF	RVICES & REMA	RKS	17	Calcium/9			
Remarks:				Hulls			1
Rat Hole				Salt	j		
Mouse Hole		r.		Flowseal/40H	5°		
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 C	AF 38		-
<u>y</u>	alla	الم المناسم	-30	Sand			
fease pio	Mer - G	TA /	- 4013-	Handling 30/	a gang		
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<u>Cement</u> i	48 280	sk ht	180	Guide Shoe		-	
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FIELD SERVICE TICKET

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)



SIGNED:

PRESSL	IRE PUMPI	NG & WIRELINE					DATE TICKET NO	<u></u>
DATE OF JOB	DI	STRICT						DMER R NO.:
CUSTOMER			S		LEASE		WI WI	ELL NO.
ADDRESS					COUNTY		STATE	
CITY		STATE			SERVICE CF	REW		<u>an kipi an </u>
AUTHORIZED BY					JOB TYPE:			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQ	UIPMENT#	HRS	TRUCK CALLED	AM TIME PM
							ARRIVED AT JOB	AM PM
	i. T	· · · · · · · · · · · · · · · · · · ·					START OPERATION	AM PM
	N.						FINISH OPERATION	AM PM
	<u> </u>		++				RELEASED	AM PM
				·			MILES FROM STATION TO WELL	

10244 NE Hwy. 61 P.O. Box 8613

SERVICES

Pratt, Kansas 67124 Phone 620-672-1201

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.

			(
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT	
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	and the second sec	
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
	TOTAL	

THE ABOVE MATERIAL AND SERVICE SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: REPRESENTATIVE (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

	TERPRISES LLC	Bird Dog Oil L.L.C	<u>, , , , , , , , , , , , , , , , , , , </u>	30-19-9 F	Rice	
	ESTER	1801 Broadw ay ste # 450	Denver CO 80202	Pioneer Job Ticket:	-Orth 1-30	DST#:1
		ATTN: Adam Kennedy			2012.12.06 @	
GENERAL	INFORMATION:				<u></u>	
Formation: Deviated: Time Tool Ope	Arbuckle No Whipstock: ened: 11:18:30 ded: 16:19:00	ft (KB)		Test Type Tester: Unit No:	: Conventiona Jared Scheo 3320-Great	
nterval: Total Depth: Hole Diameter	3200.00 ft (KB) To 32 3284.00 ft (KB) (T r: 7.88 inchesHole				Elevations:	1732.00 ft (KB) 1724.00 ft (CF) 8.00 ft
Serial #: { Press@RunE Start Date: Start Time: TEST COW	Depth: 873.57 psia 2012.12.06 09:31:00 1MENT: 1st Opening 5 M	@ ft (KB) End Date: End Time: linutes-Strong blow built botto linutes-Very w eak surface bl		Capacity: Last Calib.: Time On Btm: Time Off Btm: ? minutes	2012.12.06 2012.12.06	and here had an encoded
		Minutes-Strong blow buyilt be		1/2 minutes		
	2nd Opening 30 2nd Shut-in 90 M Pressure vs.	Minutes-Strong blow buyilt be Minutes-No blow back			SURE SUMM	ARY
505 505	2nd Opening 30 2nd Shut-in 90 N	Minutes-Strong blow buyilt be Minutes-No blow back Time Time Time		PRESS Pressure Ten (psia) (deg 1581.48 100 111.83 100 135.24 109 1042.83 109 162.88 109 316.94 107 873.57 109	np Annotatio	o-static iow (1) in(1) in(2)
725 725 725 225 225 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2nd Opening 30 2nd Shut-in 90 M Pressure vs."	Minutes-Strong blow buyilt be dinutes-No blow back Itime Itime Itime Itime Itim	Time (Min.) 75 75 75 75 75 75 75 75 75 75 75 75 75	PRESS Pressure (psia) Ten (deg 1581.48 100 111.83 100 135.24 109 1042.83 108 316.94 107 873.57 109 1565.36 109	Annotation Annota	o-static Flow (1) Flow (2) In(2) o-static
229 500 729 500 229 500 500 500 500 500 500 500 50	2nd Opening 30 2nd Shut-in 90 M Pressure vs.*	Minutes-Strong blow buyilt be Minutes-No blow back Time	Time (Min.) 75 75 75 75 75 75 75 75 75 75 75 75 75	PRESS Pressure (psia) Ten (deg 1581.48 100 111.83 100 135.24 109 1042.83 108 316.94 107 873.57 109 1565.36 109	Annotation Annota	o-static Flow (1) Flow (2) In(2) o-static
229 200 200 200 200 200 200 200 200 200	2nd Opening 30 2nd Shut-in 90 M Pressure vs.*	Minutes-Strong blow buyilt be Minutes-No blow back Time Time Time Volume (bbl) %g 70%o20%m5'1.68	Time (Min.) 75 75 75 75 75 75 75 75 75 75 75 75 75	PRESS Pressure (psia) Ten (deg 1581.48 100 111.83 100 135.24 109 1042.83 108 316.94 107 873.57 109 1565.36 109	Annotation Annota	o-static Flow (1) Flow (2) In(2) o-static
200	2nd Opening 30 2nd Shut-in 90 M Pressure vs." Pressure vs.	Minutes-Strong blow buyilt be dinutes-No blow back Trac Trac Trac	Time (Min.) 75 75 75 75 75 75 75 75 75 75 75 75 75	PRESS Pressure (psia) Ten (deg 1581.48 100 111.83 100 135.24 109 1042.83 108 316.94 107 873.57 109 1565.36 109	Annotation Annota	o-static Flow (1) Flow (2) In(2) o-static
Length (ft) 120.00 540.00	2nd Opening 30 2nd Shut-in 90 M Pressure vs.*	Minutes-Strong blow buyilt be Minutes-No blow back Time Time Volume (bbl) %g 70%o20%m 5'1.68 %o 20%m 1.68 %o 20%m 1.68	Time (Min.) 75 75 75 75 75 75 75 75 75 75 75 75 75	PRESS Pressure (psia) Ten (deg 1581.48 100 111.83 100 135.24 109 1042.83 108 316.94 107 873.57 109 1565.36 109	Annotation Annota	o-static Flow (1) Flow (2) In(2) o-static
200	2nd Opening 30 2nd Shut-in 90 M Pressure vs." Pressure vs.	Minutes-Strong blow buyilt be //inutes-No blow back Time	Time (Min.) 75 75 75 75 75 75 75 75 75 75 75 75 75	PRESS Pressure (psia) Ten (deg 1581.48 100 111.83 100 135.24 109 1042.83 108 316.94 107 873.57 109 1565.36 109	Annotation Annota	o-static Flow (1) Flow (2) In(2) o-static

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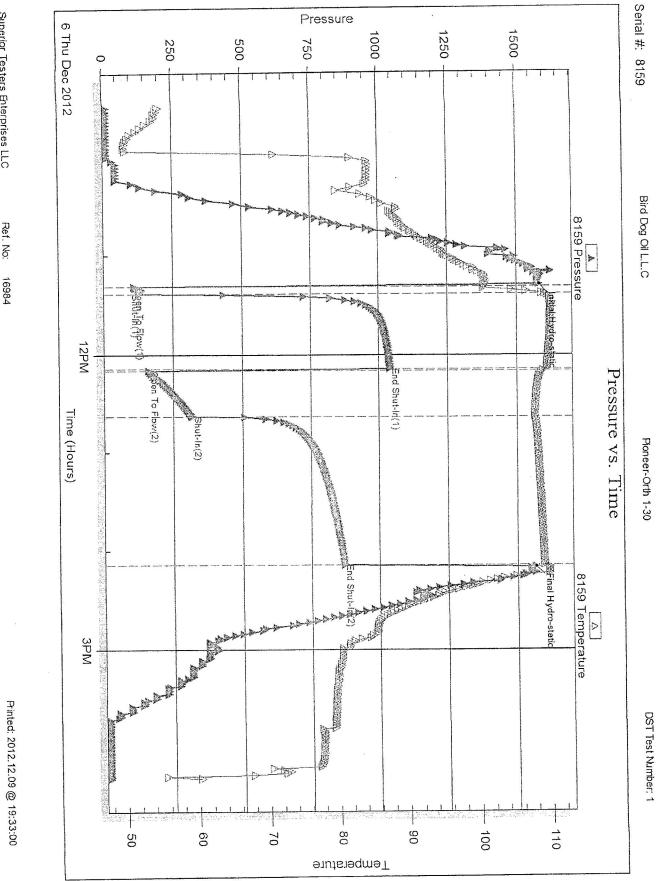
SPERIO	DRILL STE	EM TEST	REPOR	Т	TOOL DIAGRAM
ENTERPRISES LLC	Bird Dog Oil L.L.C		51	30-19-9 Rice	
KOTER	1801 Broadw ay ste	e # 450 Denver	CO 80202	Pioneer-Orth 1-30	
				Job Ticket: 16984	DST#: 1
	ATTN: Adam Keni	nedy		Test Start: 2012.12.06 @	09:30:00
Tool Information					· ·
, ,	Diameter: 0.00 i	inches Volume: inches Volume: inches Volume:	44.90 bbl 0.00 bbl 0.00 bbl	Tool Weight: Weight set on Packer: Weight to Pull Loose:	
Drill Pipe Above KB:29.00 ftDepth to Top Packer:3200.00 ftDepth to Bottom Packer:ftInterval betw een Packers:48.00 ftTool Length:76.00 ft		Total Volume:	44.90 bbl	Tool Chased String Weight: Initial Final	0.00 ft 49000.00 lb 50000.00 lb
Number of Packers: 2 Tool Comments:	Diameter: 6.75	inches			
Tool Description Ler	ngth (ft) Serial No	. Position	Depth (ft) Ad	ccum. Lengths	
Shut-In Tool	5.00		3177.00	······	
Hydrolic Tool	5.00		3182.00		ζ.
Jars	6.00		3188.00		
Safety Joint	2.00		3190.00		
Packer	5.00		3195.00	28.00	Bottom Of Top Packer
Packer	5.00		3200.00		
Anchor	43.00	Lore T. Fr	3243.00		
	1.00 6731	Inside	3244.00		
Recorder	1.00 0100	O	2245 00		
Recorder Recorder Bullnose	1.00 8159 3.00	Outside	3245.00 3248.00	48.00 Bo	ttom Packers & Anchor

ENTERPRISES LLC	Bird Do	g Oil L.L.C	30-19-9 Rice	
	1901 5	roadw ay ste # 450 Denver CO 80202	Pioneer-Orth 1-30	
CSTER		roadw ay sie # 450 Denver CG 65202	Job Ticket: 16984	DST#: 1
	ATTN:	Adam Kennedy	Test Start: 2012.12.06	@ 09:30:00
lud and Cushion Info	rmation			
lud Type: Gel Chem		Cushion Type:	Oil API:	deg API
lud Weight: 9.00 lb		Cushion Length:	ft Water Sa	inity: ppm
iscosity: 49.00 s		Cushion Volume:	bbl	
/ater Loss: 7.98 ir		Gas Cushion Type:		
	hm.m	Gas Cushion Pressure:	psia	
alinity: 6700.00 p ilter Cake: 1.00 ir				
Recovery Information	· · · · · · · · · · · · · · · · · · ·			
		Recovery Table		
	Length ft	Description	Volume bbl	
	120.00	gas oil cut mud water 5%g 70%o20%m5%	w 1.683	
	120.00	gas oil cut mud10%g 70%o 20%m	1.683	
	540.00	clean oil	7.575	
	0.00	120 gas in pipe	0.000	
	0.00	chlorides 10,000 resistivity .8@65degree	0.000	
Tot	tal Length: 780	0.00 ft Total Volume: 10.941 bbl		
Nie	m Fluid Samples: 0	Num Gas Bombs: 0	Serial #:	
	boratory Name:	Laboratory Location:	Ochar #.	
		hlorides 10,000 rersistivity .8 @65 degrees		
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Superior Testers Enterprises LLC

Ref. No: 16984

		Bird Dog Oil L.L.C		· · · · · · · · · · · · · · · · · · ·	30-1	9-9 Rice	}		
ENT	TERPRISES LLC	1801 Broadw ay ste	# 450 Denver	CO 80202		neer-Ort		DST#:2	
		ATTN: Adam Kenn	edy				, 12.12.07 @		
	INFORMATION:								
ormation: eviated: ime Tool Ope	Arbuckle No Whipstock: ened: 05:45:30 led: 11:17:30	ft (KB)			Test Test Unit	er: J	conventiona on Strong 320-Great	Il Bottom Hol Bend- 50	e (Initial)
nterval: otal Depth: lole Diameter	3248.00 ft (KB) To 3 3258.00 ft (KB) (T 7.88 inchesHol				Refe	rence Elev KB to	vations:	1732.00 1724.00 8.00	ft (CF)
Serial #: 8 Tress@RunD Start Date: Start Time:				2012.12.07 11:17:30	Capacity: Last Calit Time On I Time Off	o.: 3tm: 2		5000.00 2012.12.07 @ 05:44:30 @ 08:43:30	psia
	IMENT: 1st Opening 10 1st Shut-in 45 r 2nd Opening 30	ninutes- No Blow Back) minutes- Strong Blow							
	2nd Shut-in 90	minutes- No Blow Bac							
	2nd Opening of 2nd Shut-in 90 Pressure vs.	minutes- No Blow Bac		Time		RESSUF Temp	E SUMN		
220	2nd Shut-in 90 Pressure vs.	Time			Pļ	Temp (deg F) 92.00 102.33 110.39 106.69 106.34	Annotati Initial Hydi Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut-	ion ro-static Flow (1)) -In(1) Flow (2)) -In(2)	
725	2nd Shut-in 90	Time		Time (Min.) 0 1 11 56 56 88 177	Pressure (psia) 1601.78 350.87 318.56 1016.30 436.36 485.16 968.01	Temp (deg F) 92.00 102.33 110.39 106.69 106.34 110.90 109.32 106.98	Annotati Initial Hydi Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut-	ion ro-static Flow (1)) -In(1) Flow (2)) -In(2)	
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E23 795 795 200 200 Control (R) 60.00	2nd Shut-in 90 Pressure vs.	minutes- No Blow Back	<	Time (Min.) 0 1 11 56 56 88 177	Pressure (psia) 1601.78 350.87 318.56 1016.30 436.36 485.16 968.01	Temp (deg F) 92.00 102.33 110.39 106.69 106.34 110.90 109.32 106.98	Annotati Initial Hydi Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hyd	ion ro-static Flow (1)) -In(1) Flow (2)) -In(2) ro-static	Gas Rate (Mcl
220 775 275 275 275 275 275 275 275 275 275	2nd Shut-in 90 Pressure vs.	minutes- No Blow Back	<	Time (Min.) 0 1 11 56 56 88 177	Pressure (psia) 1601.78 350.87 318.56 1016.30 436.36 485.16 968.01	Temp (deg F) 92.00 102.33 110.39 106.69 106.34 110.90 109.32 106.98	Annotati Initial Hydi Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hyd	ion ro-static Flow (1)) -In(1) Flow (2)) -In(2) ro-static	Gas Rate (Mcf
750 700 700 700 700 700 700 700	2nd Shut-in 90 Pressure vs.	minutes- No Blow Back	<	Time (Min.) 0 1 11 56 56 88 177	Pressure (psia) 1601.78 350.87 318.56 1016.30 436.36 485.16 968.01	Temp (deg F) 92.00 102.33 110.39 106.69 106.34 110.90 109.32 106.98	Annotati Initial Hydi Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hyd	ion ro-static Flow (1)) -In(1) Flow (2)) -In(2) ro-static	Gas Rate (Mcf
E20 700 700 700 700 700 700 700 7	2nd Shut-in 90 Pressure vs.	minutes- No Blow Back	<	Time (Min.) 0 1 11 56 56 88 177	Pressure (psia) 1601.78 350.87 318.56 1016.30 436.36 485.16 968.01	Temp (deg F) 92.00 102.33 110.39 106.69 106.34 110.90 109.32 106.98	Annotati Initial Hydi Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hyd	ion ro-static Flow (1)) -In(1) Flow (2)) -In(2) ro-static	Gas Rate (Mct

DERI		DRIL	L STEN	VIESI	REPOF	RT	TOOL DIAGRAM
ENTERPRISES LLC		Bird Dog	Oil L.L.C			30-19-9 Rice	
		1801 Bro	adw ay ste #	450 Denver (00 80202	Pioneer-Orth 1-30	
COTE						Job Ticket: 16985	DST#: 2
		ATTN: A	Adam Kenned	dy		Test Start: 2012.12.07	@ 04:13:00
ool Information							
Drill Pipe: Length: Heavy Wt. Pipe: Length: Drill Collar: Length:	3232.00 ft 0.00 ft 0.00 ft		0,00 inc 0.00 inc	thes Volume: thes Volume: thes Volume: Total Volume:	45.34 bbl 0.00 bbl 0.00 bbl 45.34 bbl		
Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer:	12.00 ft 3248.00 ft ft			total volume.	40,04 001	String Weight: Initial	50000.00 lb
nterval betw een Packers: Fool Length: Number of Packers:	10.00 ft 38.00 ft 2	Diameter:	6.75 inc	ches			
Fool Comments: Tool chase							
Tool Description	Le	ength (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool		5.00			3225.00		
tydrolic Tool		5.00			3230.00		X,
Jars		6.00			3236.00		
Safety Joint		2.00			3238.00		
Packer		5.00			3243.00	28.00	Bottom Of Top Packe
Packer		5.00			3248.00		
Anchor		5.00			3253.00		
Recorder		1.00	6731	Inside	3254.00		
Recorder		1.00	8159	Outside	3255.00		
Bullnose		3.00			3258.00	10.00	Bottom Packers & Anchor
Total Too	I Length:	38.00					
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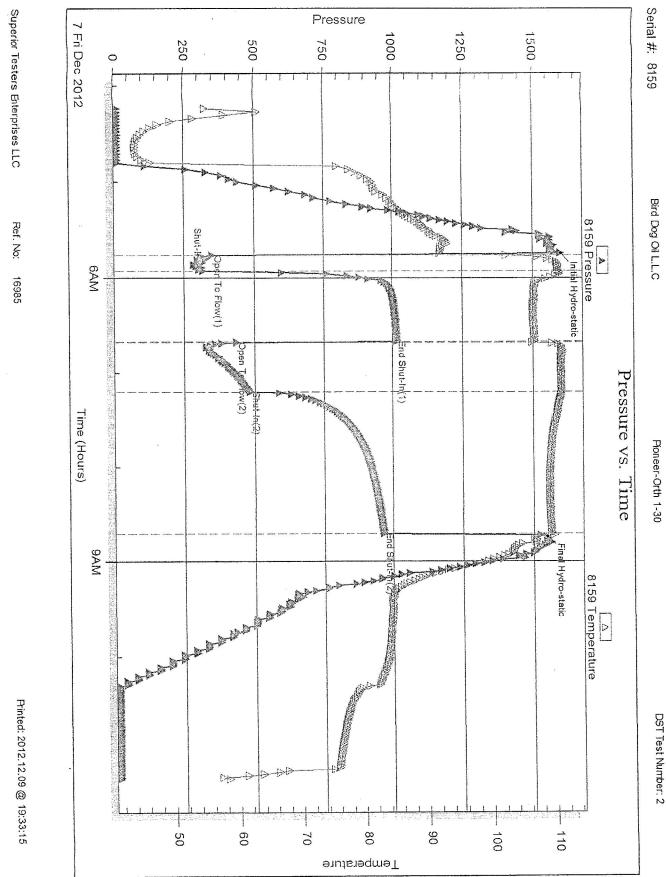
RERIA	DR	ILL STEM TEST REPOR	Т	FLUID SUMMAR
ENTERPRISES LLC	Bird (Dog Oil L.L.C	30-19-9 Rice	
	1801	Broadw ay ste # 450 Denver CO 80202	Pioneer-Orth 1-30 Job Ticket: 16985	DST#:2
	ATT	I: Adam Kennedy	Test Start: 2012.12.07	@ 04:13:00
Aud and Cushion Info	ormation			
Aud Type: Gel Chem Aud Weight: 9.00 lb Viscosity: 49.00 so Vater Loss: 7.98 in Resistivity: o Salinity: 6700.00 p Filter Cake; 1.00 in	sec/qt n³ ohm.m opm	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	Oil API: ft Water Sali bbl psia	deg APi nity: ppm
Recovery Information	1			
	Length	Recovery Table Description	Volume bbl	
	60.00	Muddy oil cut w ater-	0.842	
	0.00	Oil- 20% Mud-10% Water- 70%	0.000	
	300.00		4.208	
	900.00		12.625	
	0.00		0.000	
,	0.00		0.000	
Tot		60.00 ft Total Volume: 17.675 bb	<u> </u>	
Lal	Im Fluid Samples: 0 Iboratory Name: acovery Comments:	Num Gas Bombs: 0 Laboratory Location: Chlorids- 27000, RW25 and Gravity- 44	Serial #:	

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	PERIO	STEM TES	T REP	DRT				
ENT	ERPRISES LLC Bird Dog Oil	L.L.C		30-1	19-9 Rice	9		
	1801 Broad	w ay ste # 450 Denv	er CO 80202	Pio	neer-Or	th 1-30		
	STEP 1			Job	Ticket: 16	986	DST#:3	3
	ATTN: Ada	am Kennedy		Test	Start: 20	12.12.07 @	16:45:00	
GENERAL I	NFORMATION:						******	
Formation: Deviated: Time Tool Oper Time Test Ende	ned: 18:24:00	(КВ)		Test Test Unit	ter:	Conventiona Jon Strong 3320 Great E		le (Initial)
Interval: Total Depth: Hole Diameter:	3258.00 ft (KB) To 3268.00 ft (KB) 3258.00 ft (KB) (TVD) 7.88 inchesHole Condition: F			Refe	erence Ele KB t	evations: o GR/CF:	1732.00 1724.00 8.00	ft (CF)
Serial #: 8 Press@RunDe Start Date: Start Time:			2012.12.07 23:54:30	Capacity Last Calil Time On Time Off	b.: Btm: 2	: 2012.12.07 (2012.12.07 (
				? minutes				
	2nd Shut-in 90 minutes- 5" blov Pressure vs. Time				RESSUF	RE SUMM	ARY	
f20	s.	110 	Time (Min.) 0 1 12		Temp (deg F) 89.96	Annotatio Initial Hydro Open To Fl	on o-static	
	Pressure vs. Time	110 	(Min.) 0 1 2 56 57 87 183	Pressure (psia) 1593.31 180.66 215.98 1014.11 242.13 441.01 1011.07	Temp (deg F) 89.96 89.50 103.44 107.49 107.37 110.22 110.10	Annotatic Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	o-static low (1) n(1) low (2) n(2)	
1220	Pressure vs. Time	110 110 110 100 100 100 100 100	(Min.) 0 1 12 56 57 87	Pressure (psia) 1593.31 180.66 215.98 1014.11 242.13 441.01	Temp (deg F) 89.96 89.50 103.44 107.49 107.37 110.22	Annotatic Initial Hydro Open To Fl Shut-In(1) End Shut-In Open To Fl Shut-In(2) End Shut-In	o-static low (1) n(1) low (2) n(2)	
	Pressure vs. Time		(Min.) 0 1 2 56 57 87 183	Pressure (psia) 1593.31 180.66 215.98 1014.11 242.13 441.01 1011.07	Temp (deg F) 89.96 89.50 103.44 107.37 110.22 110.10 109.30	Annotatic Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	o-static low (1) n(1) low (2) n(2)	
	Pressure vs. Time		(Min.) 0 1 2 56 57 87 183	Pressure (psia) 1593.31 180.66 215.98 1014.11 242.13 441.01 1011.07	Temp (deg F) 89.96 89.50 103.44 107.37 110.22 110.10 109.30	Annotatic Open To F Shut-In(1) End Shut-It Open To F Shut-In(2) End Shut-It Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	Sas Rate (Mct/
229 500 709 200 709 200 709 200 709 200 709 200 709 200 709 709 709 709 709 709 709 7	Pressure vs. Time		(Min.) 0 1 2 56 57 87 183	Pressure (psia) 1593.31 180.66 215.98 1014.11 242.13 441.01 1011.07	Temp (deg F) 89.96 89.50 103.44 107.49 107.37 110.22 110.10 109.30	Annotatic Open To F Shut-In(1) End Shut-It Open To F Shut-In(2) End Shut-It Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	Sas Rate (Mcf/
229 729 729 729 729 729 750 729 750 750 750 750 750 750 750 750 750 750	Pressure vs. Time	110 110 100 100 100 100 100 100	(Min.) 0 1 2 56 57 87 183	Pressure (psia) 1593.31 180.66 215.98 1014.11 242.13 441.01 1011.07	Temp (deg F) 89.96 89.50 103.44 107.49 107.37 110.22 110.10 109.30	Annotatic Open To F Shut-In(1) End Shut-It Open To F Shut-In(2) End Shut-It Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	Gas Rate (Mcf/
229 779 229 779 229 779 229 779 229 229	Pressure vs. Time	Volume (bbl) 10.10	(Min.) 0 1 2 56 57 87 183	Pressure (psia) 1593.31 180.66 215.98 1014.11 242.13 441.01 1011.07	Temp (deg F) 89.96 89.50 103.44 107.49 107.37 110.22 110.10 109.30	Annotatic Open To F Shut-In(1) End Shut-It Open To F Shut-In(2) End Shut-It Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	Sas Rate (Mct/
229 700 229 229 229 229 229 229 229 229 229 2	Pressure vs. Time	Volume (bbl) 10.10 0.00	(Min.) 0 1 2 56 57 87 183	Pressure (psia) 1593.31 180.66 215.98 1014.11 242.13 441.01 1011.07	Temp (deg F) 89.96 89.50 103.44 107.49 107.37 110.22 110.10 109.30	Annotatic Open To F Shut-In(1) End Shut-It Open To F Shut-In(2) End Shut-It Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	Sas Rate (Mct/
20 70 70 70 70 70 70 70 70 70 7	Pressure vs. Time	Volume (bbl) 10.10 0.00 4.69	(Min.) 0 1 2 56 57 87 183	Pressure (psia) 1593.31 180.66 215.98 1014.11 242.13 441.01 1011.07	Temp (deg F) 89.96 89.50 103.44 107.49 107.37 110.22 110.10 109.30	Annotatic Open To F Shut-In(1) End Shut-It Open To F Shut-In(2) End Shut-It Final Hydro	o-static low (1) n(1) low (2) n(2) o-static	Sas Rate (Mct/

RERIO	A.F. Status and South South	DRILL STEM TEST REPOR				2T		TOOL DI	AGRA
	C	Bird Dog	Oil L.L.C			30-19-9 Rice			
		1801 Bro	adw ay ste	# 450 Denver	CO 80202	Pioneer-Orth 1	-30		
STEP.			·			Job Ticket: 16986		DST#: 3	
		ATTN: /	Adam Kenne	edy		Test Start: 2012.12	2.07 @ 1	6:45:00	
Tool Information		. 	92.,						
Drill Pipe: Length:	3235.00 ft	Diameter:	3.80 in	ches Volume:	45.38 bbl	Tool Weight:		1000.00 lb	
Heavy Wt. Pipe: Length:	0.00 ft	Diameter:		ches Volume:	0.00 bbl	Weight set on F			
Drill Collar: Length:	0.00 ft	Diameter:		ches Volume:	0.00 bbl	Weight to Pull L	oose: 5		
Drill Pipe Above KB:	5.00 ft			Total Volume:	45.38 bbl	Tool Chased		0.00 ft	
Depth to Top Packer:	3258.00 ft					String Weight: I		0000.00 lb	
Depth to Bottom Packer:	ft					1	Final 5	5000.00 lb	
Interval between Packers:									
Tool Length:	38.00 ft								
Number of Packers:	2	Diameter:	6.75 in	ches					
Tool Comments:									
Tool Description Shut-In Tool Hydrolic Tool	Le	ngth (ft) 5.00 5.00	Serial No.	Position	3235.00 3240.00	Accum. Lengths			
Shut-In Tool Hydrolic Tool Jars	Le	5.00 5.00 6.00	Serial No.	Position	3235.00 3240.00 3246.00	Accum. Lengths			w
Shut-In Tool Hydrolic Tool Jars Safety Joint	Le	5.00 5.00 6.00 2.00	Serial No.	Position	3235.00 3240.00 3246.00 3248.00				
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer	Le	5.00 5.00 6.00 2.00 5.00	Serial No.	Position	3235.00 3240.00 3246.00 3248.00 3253.00	Accum. Lengths 28.00	1	Bottom Of Top	Packer
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer	Le	5.00 5.00 6.00 2.00 5.00 5.00	Serial No.	Position	3235.00 3240.00 3246.00 3248.00 3253.00 3258.00		1	Bottom Of Top	Packer
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor	Le	5.00 5.00 6.00 2.00 5.00 5.00 5.00			3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00			Bottom Of Top	Packer
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor Recorder	Le	5.00 5.00 6.00 2.00 5.00 5.00 5.00 1.00	6731	Inside	3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00 3264.00		2	Bottom Of Top	Packer
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor Recorder Recorder	Le	5.00 5.00 6.00 2.00 5.00 5.00 5.00 1.00 1.00			3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00 3264.00 3265.00	28.00			-,
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor Recorder Recorder Builnose		5.00 5.00 6.00 2.00 5.00 5.00 5.00 1.00 1.00 3.00	6731	Inside	3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00 3264.00			Bottom Of Top	-,
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor Recorder Recorder Bullnose	Le	5.00 5.00 6.00 2.00 5.00 5.00 5.00 1.00 1.00	6731	Inside	3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00 3264.00 3265.00	28.00			-,
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor Recorder Recorder Builnose		5.00 5.00 6.00 2.00 5.00 5.00 5.00 1.00 1.00 3.00	6731	Inside	3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00 3264.00 3265.00	28.00			-, <u>-</u> ,
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor Recorder Recorder Builnose		5.00 5.00 6.00 2.00 5.00 5.00 5.00 1.00 1.00 3.00	6731	Inside	3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00 3264.00 3265.00	28.00			-, <u>-</u> ,
Shut-In Tool Hydrolic Tool Iars Safety Joint Packer Packer Anchor Recorder Recorder Builnose		5.00 5.00 6.00 2.00 5.00 5.00 5.00 1.00 1.00 3.00	6731	Inside	3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00 3264.00 3265.00	28.00			
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor Recorder Recorder Builnose		5.00 5.00 6.00 2.00 5.00 5.00 5.00 1.00 1.00 3.00	6731	Inside	3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00 3264.00 3265.00	28.00			
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor Recorder Recorder Builnose		5.00 5.00 6.00 2.00 5.00 5.00 5.00 1.00 1.00 3.00	6731	Inside	3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00 3264.00 3265.00	28.00			
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor Recorder Recorder Builnose		5.00 5.00 6.00 2.00 5.00 5.00 5.00 1.00 1.00 3.00	6731	Inside	3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00 3264.00 3265.00	28.00			
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 6.00 2.00 5.00 5.00 5.00 1.00 1.00 3.00	6731	Inside	3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00 3264.00 3265.00	28.00			
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor Recorder Recorder Builnose		5.00 5.00 6.00 2.00 5.00 5.00 5.00 1.00 1.00 3.00	6731	Inside	3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00 3264.00 3265.00	28.00			
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor Recorder Recorder Bullnose		5.00 5.00 6.00 2.00 5.00 5.00 5.00 1.00 1.00 3.00	6731	Inside	3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00 3264.00 3265.00	28.00			-, <u>-</u> ,
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor Recorder Recorder Builnose		5.00 5.00 6.00 2.00 5.00 5.00 5.00 1.00 1.00 3.00	6731	Inside	3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00 3264.00 3265.00	28.00			-, <u>-</u> ,
Shut-In Tool Hydrolic Tool Jars Safety Joint Packer Packer Anchor Recorder Recorder Builnose		5.00 5.00 6.00 2.00 5.00 5.00 5.00 1.00 1.00 3.00	6731	Inside	3235.00 3240.00 3246.00 3248.00 3253.00 3258.00 3263.00 3264.00 3265.00	28.00			-,

SPERIO	DR	ILL STEM TEST REPOR		FLUID SUMMAF		
ENTERPRISES LLC	Bird D	Bird Dog Oil L.L.C		ice		
ECTER?	1801	Broadway ste # 450 Denver CO 80202	Pioneer-Orth 1-30			
			Job Ticket:	16986	DST#: 3	
	ATTN: Adam Kennedy Test Start: 2012.12.07 (2012.12.07 @ 1	6:45:00		
Mud and Cushion Inform	ation					
Mud Type: Gel Chem Mud Weight: 9.00 lb/ga Viscosity: 50.00 sec/ Water Loss: 7.20 in ³ Resistivity: 0.50 ohm. Salinity: 7500.00 ppm Filter Cake: 1.00 inche Recovery Information	qt m	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	ft bbl psia	Oil API: Water Salinity:	́х .	deg API ppm
		Recovery Table				
	Length ft	Description	Volume bbl			
	720.00	10% Gas 40%Oil 10%Mud 40%Water	10.10			
	0.00	Gassy Mud Oil cut Water	0.00			
	334.00	Clean Gassy Oil	4.68	5		
	0.00	10% Gas 90% Oil	, 0.000			
	0.00	120 Gas in Pipe	0.000	ס		
	0.00	Chlorides 20,000 resistivity .5 @ 60 deg	0.000	0		
	0.00	Gravity oil 44	0.000	51		

Total Length: 1054.00 ft

Total Volume: 14.785 bbl

0

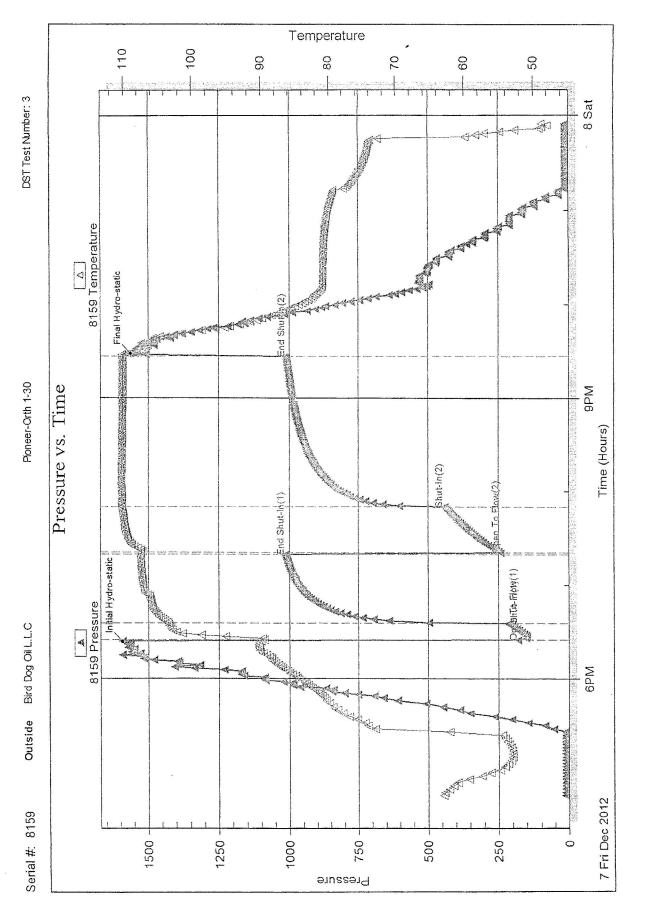
Serial #:

Num Fluid Samples: 0 Laboratory Name:

Recovery Comments: Chlorides 20,000 resistivity .5 @60 degrees /Gravity oil 44

Num Gas Bombs:

Laboratory Location:



Printed: 2012.12.09 @ 19:33:31

C Ref. No. 16986

Superior Testers Enterprises LLC