

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1079486

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:	
Phone: ()	
CONTRACTOR: License #	County:
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 If yes, show depth set: Feet If Alternate II completion, cement circulated from: feet depth to: w/
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 SWE	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 #:	License #:
SWD Permit #:	QuarterSec TwpS. R East 🗌 West
ENHR Permit #:	County: Permit #:
GSW 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

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	1
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		Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog		Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ Yes ☐ Yes	No No No					
List All E. Logs Run:								
		Report all		RECORD No	ew Used ermediate, product	ion, etc.		
Purpose of String	Size Hole Drilled	Size Cas Set (In C		Weight Lbs. / Ft.	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 Fo		RD - Bridge P Each Interval I		e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENH	۶.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
			1							
DISPOSITIC	ON OF (GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Sub	mit ACC)-18.)		Other (Specify)						

Feb. 27. 2012 8:43AM WW Drilling

No.2561 P. 1

	15-163-240 Block Diam								
		ond Oil, Inc.	Deather Co. C	Well	Name & No:	Green "D" #			
			Section 22-8s				Rooks		
Drill College	14	Contractor:	WW Drilling				John Mayer		4392
	National K-	-	6 1/4 x 2 1/			Rig Phone:	785-259-69	41	
			Flavotion	Lir	ier & Stroke:	6 x 14		Spud	2/21/2012 @ 5:30 PM
Mud Co		3450	Elevation: Mu	1982	К.В.	1987	KB Ho		2/25/2012 @ 6:30 PM
				-				Water	Pond
Date	02/21/12	02/22/12	02/23/12	02/24/12	02/25/12	02/26/12	02/27/12		
Days	1-spud	2-woc	3-drlg	4-drig	5-drig	6-log	7-done	-	
Depth		218	2224	3110	3308	3427			
-t. Cut		218	2006	886	198	119			
D.T.		7.5-woc	.5-woc		.75-DW				
D. <i>T.</i>			1/4-pump		.5-wop				
c. <i>T.</i>					13.75	16.75	15		
Bit Wt.		20,000	30000	38000	38000	38000			
RPM		90	85	85	85	. 85			
Pressure		500	750	800	800	800		-	
SPM		60	60	60	60	60			
Mud Cost					8640	8867			
Mud Wt.		8.7	9.3	8.9	9	9.1			
/iscosity		28	29	59	56	57			
Vater Loss					6.8	7.6		1	
Chlorides					1500	3000			
C.M.				1#	2#	2#			
Dev. Sur		218-1/2*			3175-3/4°	3427-3/4*			
Dev. Sur									
Fuel	2106	1944	3645	3159	2916	2592	2430		
Nater-Pit	full	2'	1/2'	3'	full	full			
ACC Bit Hrs.			21.75	44	52.75	59.5			
Formation	sd-sh	sd-sh	sd-sh	sh-Im	sh-Im	sh-Im			
Neather	clear	clear	ptly cloudy	clear	clear	clear			
No.	Size	Туре	Out	Ft.	Hrs.	Cum Hrs.	Bit Cond	Serial #	Tops
1	12 1/4	Smith	218	218	4.25	4.25	RR	PD 6528	Tops
2	7 7/8	Sm - F-27	3427	3209	59.5	63.75	New	PX 0137	ROP 53.7 FPH
3								174010/	
4									-
DEPTH	SIZE	SACKS	CEM						
218	8 5/8	SACKS		ENT MATE			DRILLED OUT		
3427		150		on, 3% cc, 2	2% gel	11:30 PM	7:30 AM		lied Did circ
3421	5 1/2	475		# Flow sea	i per sx	8:00 PM		Qua	ity Cem. Did circ
		30		Ratehole		2/26/2012			
NO	INTE	RVAL	OPEN	SHUT	OPEN	SHUT		RECO	VERY
	3100-3175		30	45	. 30	30	30' mud		
2	3418-3427		30	30	30		60' gas 625	oil oil	
3									
4									
5							_		-
6									
7									and the state of the
8									
9									1

Surface Casing Furnished by: Midwest Pipe - Milden Haul - 5 joints 8 5/8, 23 #, tally 211.21 set @ 217

Remarks: Strap & weld surface by WW. Anhydrite 1396'-1428', Displace @ 2812 (600 bbls), Short trip @ 3175' (2 Hrs), Pipe strap @ 3175' (0.96 board short), Short trip @ 3427' (11 stds 1/2 HR) Logged by Superior LTD 3430' (4 Hrs), Ran 82 joints of 14# 5 1/2 casing set @ 3425', Plug down @8:00 Pm, Release rig @ 10:00 PM on 2/26/2012.

DATE 2-21-12	SEC.	TWPS	RANGE 19 ^m	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASEGREEN	WELL #	23	LOCATION ZUR	100 2 100	VE BATTE	Reales	STATE
OLD OR NEW (Ci		017	DE DE RECEIVER DE LA VI	on Lease Ro	1 TANK	· routes	165
Intervention intervent	wn	#1	ntract provide for in		10 -0 4119	ar all pass they	
	the second s	the second s	- andr interest should l	OWNER	agree to pay under a	STONER may	torest thet CUI
HOLE SIZE	SURPI	T.I	222	CEMENT			
CASING SIZE	8510	20121 12 12 10 21 12	EPTH 218.21	AMOUNT O	RDERED 150	SKA 39	CC 70,69
TUBING SIZE	948	CALCENCE CONTRACT	EPTH		1000000 <u>120</u>		- +18-
DRILL PIPE	f the ten	DE	EPTH	and makes and	S and the first states	a san yay	
TOOL	11.250		EPTH	stan of Deathouse	di la simol sidi, schin	Billion (W.C.	aton daining
PRES. MAX			INIMUM	COMMON_	150	@ 16.25	2437.5
MEAS. LINE	1.050	100	IOE JOINT	POZMIX	All merchandise ha		233999
<u>CEMENT LEFT IN</u> PERFS.	1030.	10 M	tent state wash	GEL	3	@ 21.25	
DISPLACEMENT	SAND DEL	13.26	bbL	CHLORIDE ASC	Station of the	_@_ <i>58,20</i>	2919
internations neveral	FOI	UIPMEN	nt to set to and fraining	e a reasonable attemu	ALLIED will make		WIWEELan
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PUMP TRUCK	CEMENT	TED RI	the Smith	the job site, the t rac	rant to get tolor from		ridgranother
11. 0.	HELPER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1) SMI 14	aid by CUSTON CR	k he charged to and p	@	n if fungished b
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#	DRIVER	OMERIE	re wraeniue T2LD yd breebio ei d	- HANDLING	158	@ 2,25	355.50
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QUALITY OILWELL CEMENTING, INC. Federal Tax 1.D.# 20-2886107

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

No. 241

Phone 785-483-2025 Cell 785-324-1041

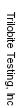
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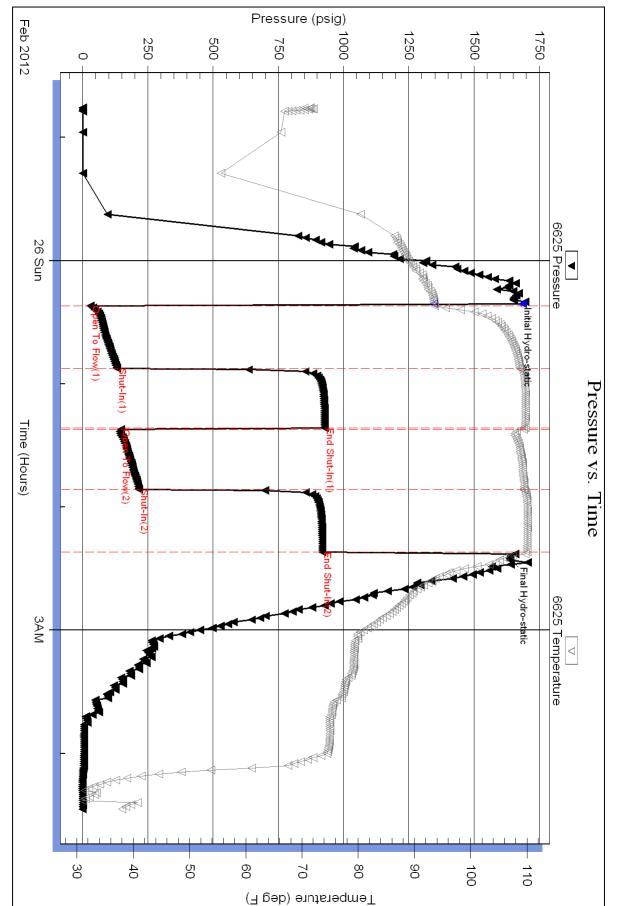
	DRILL STEM TES	ST REP	ORT		
RILOBITE	Black Diamond Oil Inc		22-8s-1	9w Rooks	
ESTING , INC			Green	D #3	
	Hays Ks 67601-0641		Job Ticke	et: 46253 DST#:2	
	ATTN: Ken Vehige		Test Star	t: 2012.02.25 @ 22:45:31	
GENERAL INFORMATION:					
Formation: Arbuckle Deviated: No Whipstock: Filme Tool Opened: 00:21:56 Filme Test Ended: 04:27:25	ft (KB)		Test Typ Tester: Unit No:	e: Conventional Bottom Hole (Rese Ray Schwager 42	et)
nterval:3418.00 ft (KB) ToTotal Depth:3427.00 ft (KB) (Hole Diameter:7.85 inches Hole			Referenc	ce Elevations: 1987.00 ft (KB) 1982.00 ft (CF) KB to GR/CF: 5.00 ft	
Serial #: 6625 Inside					
Press@RunDepth: 216.02 psig	@ 3419.00 ft (KB)		Capacity:	8000.00 psig	
Start Date: 2012.02.25		2012.02.26	Last Calib .:	2012.02.26	
Start Time: 22:45:31	End Time:	04:27:25	Time On Btm: Time Off Btm:	2012.02.26 @ 00:18:26 2012.02.26 @ 02:24:56	
30-ISIP-surface 30-FFP-w k to s 30-FSIP-no bl Pressure vs	trg in 10min	1	PRES	SURE SUMMARY	
0625 Pressure	 8625 Temperature	Time		mp Annotation	
	- 10 - 10 - 10 - 00 -	(Min.) 0 4 34 63 64 93 124 127	(psig) (de 1650.97 9 30.14 9 132.52 10 928.37 10 146.22 10 216.02 10 919.66 10	g F) 3.35 Initial Hydro-static 3.61 Open To Flow (1) 8.74 Shut-In(1) 9.63 End Shut-In(1) 9.35 Open To Flow (2) 9.43 Shut-In(2) 9.99 End Shut-In(2) 5.93 Final Hydro-static	
20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AMPH28 40 				
Recovery			↓	Gas Rates	
Length (ft) Description	Volume (bbl)		С	Choke (inches) Pressure (psig) Gas Rate (M	/lcf/d)
0.00 60'GIP	0.00		Į		
25.00 MGO 5%G10%M85%C	0.12				
600.00 CO	7.55				

	ITE		LL STEM TEST REPO			LUID SUMMAR
	ING , INC.	Black [Diamond Oil Inc	22-8s-19v	w Rooks	
	ing, inc.	POBo Haysk	x 641 Ks 67601-0641	Green D Job Ticket:		DST#:2
		ATTN:	Ken Vehige	Test Start:	2012.02.25 @ 22:4	45:31
Aud and Cushion Info	ormation					
Aud Type: Gel Chem Aud Weight: 9.00 lk Viscosity: 62.00 s Vater Loss: 7.59 ir Resistivity: 0 Ralinity: 3000.00 p ilter Cake: 1.00 ir	sec/qt 1 ³ 9hm.m 9pm		Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	ft bbl psig	Oil API: Water Salinity:	18 deg API ppm
ecovery Information						
			Recovery Table		_	
	Lengt ft	h	Description	Volume bbl		
		0.00	60'GIP	0.00	00	
		25.00	MGO 5%G10%M85%O	0.12		
		600.00	CO	7.5	51	
Tot	al Length:	625	5.00 ft Total Volume: 7.674	bbl		
Nhu	m Fluid Samp	les: 0	Num Gas Bombs: 0	Serial	#:	
Lab	covery Com	ne:	Laboratory Location:	Condi		
Lat	ooratory Nam	ne:		Conta		
Lat	ooratory Nam	ne:		Conta		
Lat	ooratory Nam	ne:				
Lat	ooratory Nam	ne:				
Lat	ooratory Nam	ne:				
Lat	ooratory Nam	ne:				
Lab	ooratory Nam	ne:				

Printed: 2012.02.27 @ 13:33:29

Ref. No: 46253





Green D#3

DST Test Number: 2

Serial #: 6625 Inside Black Diamond Oil Inc