

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1090553

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 Cast / 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:
	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	· · · · · · · · · · · · · · · · · · ·
Operator:	Drilling Fluid Monogoment Plan
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	Chloride content: ppm Fluid volume: bbls
Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec Twp S. 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

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

	Side Two	
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 I	ю	□ Lo Nam	-	n (Top), Depth and		Sample Datum
Samples Sent to Geolog	gical Survey	Yes I	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	Yes IN Yes IN Yes IN	No					
List All E. Logs Run:								
			SING RECORD					
		Report all string	s set-conductor,	surface, inte	rmediate, producti	on, etc.		-
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)		eight s. / 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 For		RD - Bridge P Each Interval F		e			ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner F	Run:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	λ .	Producing M	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF C	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION IN	TERVAL:
Vented Solo		Jsed on Lease		Open Hole	Perf.	Dually (Submit)	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Su	bmit ACC)-18.)		Other (Specify)						

DRILL LOG

Operator License	# 32834			API # 15	5-121-29184-00	0-00	
Operator JTC C	Dil, Inc.			Lease Nai	me ABC		
Address_P.O. Bo	x 24386 ,Sta	nley, KS	66283	w	ell # 18		
Phone 913-755-	-2959			Spud D	ate 7/10/12	Cement	7/17/12
Contractor Licen	se	-		Location_		of	
T.D. 438 T.D. o	f Pipe 402				feet fi		
Surf. Pipe Size_6	" Depth_	_20ft			f	eet from	
				County	Miami		
Kind of Well Thickness S		om	То		Strata	From	То
2 so			2		lime		147
		2	5	8	black shale	147	<u>155</u>
<u>7 sh</u>	ale	5	12	21	lime	155	<u>176</u>
<u>22 lir</u>	ne	12	34	3	shale	176	<u>179</u>
<u>8 sh</u>	ale	34	42	3	coal	179	182
<u>2 lir</u>	ne	42	43	13	lime	182	<u>195</u>
<u>14 sh</u>	ale	44	58	126	shale	195	321
<u>6 lir</u>	ne	58	64	3	lime/shale	321	324
<u>27 sh</u>	ale	64	91	8	shale	324	332
<u>21 lir</u>	ne	91	112	4	red bed	332	336
<u>9 sh</u>	nale	112	121	2	shale	336	<u>338</u>

Thickness	Strata	From	То	Thickness	Strata	From To
7	lime	121	128	3	lime/shale	338-341 broker
1	lime/oil	128	129	3	mix	341-344 ok
1	lime/oil	129	130			
				3	oil/sand	344-347good
				3	sand	347-350 vgood
				3	sand	350-353 vgood
				3	sand	353-356 v good
	* 5	carge and a second s	5.1	2	sand	<u>356-358 v good</u>
				1	lime	358-359
-				2	oil	359-361 vgood
2				2	oil sand	361-363 ok
	•			3	shale	363-366
			5	6	lime	<u>366-372</u>
					Shale	372-420
9 2						
Stop drilling	<u>438</u>					
Casing pipe	402					
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		LLC			LOCATION_	which where sold is the sold where here	wy
					FOREMAN	Alan	Mada
20-431-9210	hanute, KS 6672 or 800-467-8676	0 FI	ELD TICKET & TR		DRT		
DATE	CUSTOMER #	WE	LL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-17-12	4015	ABC	18	SW D	17	17	MI
	Dil			and the start		internet in the	
AILING ADDRE	ESS			TRUCK #	DRIVER	TRUCK #	DRIVER
3568	8 Plun	1 Cre	ok	368	AlaMad	Ugje	K/ME
TY	I the second sec	STATE	ZIP CODE	3/9	BCI MCU	ANI	
DSang	to mine	16.5	66064	EID.	DENTAS	UM	
B TYPE	ng string	IOLE SIZE	4386 HOLE DE	PTH 4,37	CASING SIZE & W	- Je	10
SING DEPTH			TUBING			A CARLES AND A CARLES AND A	0
URRY WEIGH	IT S	LURRY VOL	WATER g	al/sk	CEMENT LEFT in	OTHER	
SPLACEMENT	A 7			200	RATE 4.5	CASING 1	ల
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	QUANITY or	UNITS	DESCRIPTION	I of SERVICES or PRO	Jun /	en de la companya de Esta de la companya d	
ACCOUNT CODE	QUANITY or 1	UNITS		N of SERVICES or PRO		UNIT PRICE	TOTAL
	QUANITY or	UNITS	PUMP CHARGE	I of SERVICES or PRO		en de la companya de Esta de la companya d	TOTAL 10300
CODE	12	15	PUMP CHARGE MILEAGE	n		en de la companya de Esta de la companya d	TOTAL 10300 100.00
CODE	1 40 40	15	PUMP CHARGE MILEAGE	ant a		en de la companya de Esta de la companya d	100.00
CODE	12	15	PUMP CHARGE MILEAGE Casing T ton mil	ant a		en de la companya de Esta de la companya d	100.00
CODE	1 40 40	15	PUMP CHARGE MILEAGE	ant a		en de la companya de Esta de la companya d	10300
CODE	1 40 40	15	PUMP CHARGE MILEAGE Casing T ton mil	ant a		en de la companya de Esta de la companya d	100.00
CODE	1 нб. 87.0 1	15	PUMP CHARGE MILEAGE Casing f ton mil So uuc	ant a		en de la companya de La companya de la comp	100.00
CODE	1 40 40	15	PUMP CHARGE MILEAGE Casing 1 ton nil Sa uuc	ant a		en de la companya de La companya de la comp	100.00 100.00 116.67 90.00
CODE	1 2 87.0 1 48 100	₹ 27 #	PUMP CHARGE MILEAGE Casing f ton mil So uuc	ant a		en de la companya de La companya de la comp	100.00 100.00 116.67 90.00 902.40
CODE	1 2 87.0 1 48 100	15	PUMP CHARGE MILEAGE Casing 1 ton nil SQ Juc DW C Sq.1	ant a		en de la companya de La companya de la comp	100.00 100.00 116.67 90.00 902.40 21.00
CODE 401 406 402 407 407 407 407 407 407 407 407 407 407	1 2 87.0 1 48 100	₹ 27 #	PUMP CHARGE MILEAGE Casing 1 ton nil Sa uuc	ant a		en de la companya de La companya de la comp	100.00 100.00 116.67 90.00 90.00 902.40 21.00 28.20
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I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this for