

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1105356

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 Feet / West Line of Section
Contact Person:	
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:
	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
GG GSW Temp. Abd	If yes, show depth set: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	If Alternate II completion, cement circulated from:
	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf. Conv. to ENHR Conv. to St	ND Dewatering method used:
Conv. to GSW	
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 #:	QuarterSecTwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	Fernin #
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	1105356
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	L		n (Top), Depth an	d Datum Top	Sample Datum
Samples Sent to Geolog	ical Survey	Yes No				iop	Datam
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	<pre>Yes No</pre> NoNoVes NoNo					
List All E. Logs Run:							
		CASING		ew Used			
		Report all strings set	-conductor, surface, inte	ermediate, producti	ion, 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: —— 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	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed I	Product	ion, SWD or ENHF	λ .	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
DISPOSITIC	ON OF C	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit)	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Sub	omit ACC)-18.)		Other (Specify)						

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

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Lease Vera Well No. / O Location falco / S 2 S 3 W / 3 H / 5 H / 6 Contractor She She </th <th>Dec 05 201</th> <th>2 5:45PM</th> <th>M HF</th> <th>LASERJE</th> <th>ET FAX</th> <th>{</th> <th></th> <th></th> <th>i II I</th> <th>p.7</th>	Dec 05 201	2 5:45PM	M HF	LASERJE	ET FAX	{			i II I	p.7
Meath's Cell 620-727-3410 Rich's Cell 620-727-3603 Date 9-25-72 2 70 21 0 21 0 <td< th=""><th></th><th></th><th></th><th>Feder</th><th>ral Tax</th><th>: I.D. # 481</th><th>187368</th><th></th><th></th><th>5695</th></td<>				Feder	ral Tax	: I.D. # 481	187368			5695
Office / Fax 620-672-3663 Brady's Cell 620-727-6864 Date 4-25-12 2 A Alicharn 45 On Location Finish Date 4-25-12 2 A Alicharn 45 On Location Finish Lesse UPCK Lish + E Well No. 10 Location Rice 15 2.5.3 MI / H/S Finish Lesse UPCK Lish + E Well No. 10 Location Rice 15 2.5.3 MI / H/S Finish Date 5/17 T.D. 2.2/1 Contractor Comments and holps to assist some or contractor of work as listed. Case Depth T.D. 2.2/1 Contractor of work as listed. Case Depth Street Case Case Case Depth City State Case Case Displace / 3.3 Camman Amount Ordered 150 State Case Pungtik No. 2.2 Common 150 E Buiktik No. Case Case E Pungtik No. Case Case E Buiktik <td< th=""><th>Heath's</th><th></th><th></th><th></th><th>Simps</th><th>son St., Pra</th><th>•</th><th></th><th>20-727</th><th>3409</th></td<>	Heath's				Simps	son St., Pra	•		20-727	3409
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	Raney OI CO LLC						
ESTING , INC	3425 Tam O'Shanter		Vera	White	# 10		
	Law rence KS 66047-1729		Job Tic	ket: 493 [.]	19	DST#:2	
	ATTN: Duane Stecklein		Test St	art: 2012	2.10.01 @ 0	0:18:00	
ENERAL INFORMATION:			g, , g (, , , , , , , , , , , , , , , ,		,		-
eviated: No Whipstock: me Tool Opened: 02:32:50	2239.00 ft (KB)		Test Ty Tester: Unit No	Jin	nventional l n Svaty	Bottom Hol	e (Reset)
me Test Ended: 07:55:00						0000.00	54 (VD)
terval: 3810.00 ft (KB) To 38			Refere	nce Beva	ations:	2239.00 2234.00	
otal Depth: 3814.00 ft (KB) (The Diameter: 7.88 inchesHole				KB to	GR/CF:	5.00	• •
ole Diameter: 7.88 inchesHole			and the second secon				
erial #: 8372 Inside ress@RunDepth: 1009.17 psig tart Date: 2012.10.01 tart Time: 00:18:05	@ 3811.00 ft (KB) End Date: End Time:	2012.10.01 07:54:39	Capacity: Last Calib.: Time On Btn Time Off Btr		2 12.10.01 @ 12.10.01 @		psig
EST COMMENT: 30-IFP- BOB in 1 30-ISIP- Surface 30-FFP- BOB in 30-FSIP- Surface	Blow in 3min Imin 30sec ∋Blow				O ILABESA		
Pressure vs. 3	100 EST Temperature				SUMMA		
8372 Pressure	83/2 lettperaute	Time (Min.)	1 1	leg F)	Annotation		
1720	Shai Hatara talin 110	0		1	nitial Hydro-		
1500	- 105	1			Open To Flo	w (1)	
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	and the second sec		1	1	Dpen To Flo		
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	- 			Gas	Rates		
Length (ii) Description	Volume (bbi)		1	Choke (inc		e (psig) Ga	as Rate (Mcf/d)
1287.00 MCW 2%m 98%w	15.35					ł	
315.00 O&MCW 2%o 5%m 93%							
169.00 M&OCW 10%m 30%o 60							
504.00 WCO 10%w 90%o	7.07						
55.00 M&WCO 5%m 20%w 75	/00 0.11	1					

(INT	RILOBITE	DRILL S	STEM TE	ST REF	PORT				
		Raney Oil Co L	LC		2 1	0s 21w (Graham		
	ESTING , INC	3425 Tam O'SI Law rence KS			Ve	ra White	e # 10		
		Law rence No	00047-1729		Job	Ticket: 49	318	DST#:1	
		ATTN: Duane	e Stecklein		Tes	t Start: 20	12.09.30 @	09:45:00	
GENERAL INF	ORMATION:		anya nya hawaka ka waka kata kata ya kata mani 2010 Bar	an a fan straffing yn a fan yn ar yn armanion fan yn arman					aya ya ya kata da kata ya kata kata kata kata kata kata
Formation: Deviated: Time Tool Opened: Time Test Ended:		2239.00 ft (K	(B)		Tes	ter:	Conventional lim Svaty 39	l Bottom Hol	e (Initial)
Interval: 37 Total Depth: Hole Diameter:	794.00 ft (KB) To 38 3804.00 ft (KB) (TV 7.88 inchesHole				Refe	erence Ele KB te	vations: o GR/CF:	2239.00 2234.00 5.00	ft (CF)
Serial #: 8372 Press@RunDepth: Start Date: Start Time: TEST COMMEI		End Date End Time	:	2012.09.3 16:50:0		b.: Btm: 2	2012.09.30 (2012.09.30 (-	psig
		urface Blow in 10	Dmin						
	30-FSIP- No Blov							4.51/	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -
3	30-FSIP- No Blov Pressure vs. 3	Time		Timo			E SUMM		
	30-FSIP- No Blov		112 110 100 66 60 60 55 75 70		Pressure (psig) 0 1879.55 1 231.92 0 610.20 0 1077.00 0 695.02 0 1041.70 1 1075.90	Temp (deg F) 100.52 103.94 114.51 113.08 112.87 113.55	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	on o-static low (1) n(1) low (2) n(2)	
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