

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1096702

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 Dorth / 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:
		Lease Name: Well #:
		Field Name:
0		Producing Formation:
Designate Type of Completion:		Elevation: Ground: Kelly Bushing:
	e-Entry Workover	Total Depth: Plug Back Total Depth:
☐ Oil ☐ WSW ☐ Gas ☐ D&A ☐ OG ☐ CM <i>(Coal Bed Methane)</i> ☐ Cathodic ☐ Other <i>(Co</i> If Workover/Re-entry: Old Well I	SWD       SIOW         ENHR       SIGW         GSW       Temp. Abd.         bre, Expl., etc.):	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/ sx cmt
Operator:		Deilling Fluid Menonement Dien
Well Name:		Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date:	Original Total Depth:  rf.  Conv. to ENHR  Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
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 TwpS. R East West
ENHR     GSW	Permit #: Permit #:	County: Permit #:
Spud Date or Date Recompletion Date	eached 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	1096702
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 Sh	eets)	Yes No		-	n (Top), Depth and		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nar	ne		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	<ul> <li>Yes</li> <li>No</li> <li>Yes</li> <li>No</li> <li>Yes</li> <li>No</li> </ul>					
List All E. Logs Run:							
		CASIN		lew Used			
		Report all strings se	et-conductor, surface, in	termediate, producti	on, 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 RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					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

# Mound City, Kansas McGown Drilling, Inc.

Gas, KS J. Richard Burris Operator:

:pointegnod

# Dean Kettle #4

API: 001-30551 12-24S-18E Allen Co., KS

			MƏU	4.5" 10.5 lb.	בסחמstring:
2102	11/2/11	Longstring Date:		XS 4	Surface Cement:
4	1536.80	רongstring:		22.30'	Surface Length:
21	<u>"</u> 67.8	Drill Bit:		"7529.8	Surface Casing:
158		Surface Bit:	An ang ini na Ka	2102/91/11	Spud Date:

### Driller's Log

				aritto 970
	Coal		220	219
	əmiJ		219	019
	Sandy Shale	)	019	975
	əmiJ	9	924	472
əlsh	Shale / Bl. S	3	472	097
	əmiJ	)	097	442
	Limey Shale	2 5	445	432
	Red Bed	1	435	458
	Pime		458	450
	Sandy Shale	5	450	580
	Limey Shale	and and	280	546
	Smij		546	520
	Shale		550	216
	əmiJ	3	516	500
	Shale	1	500	961
	əmiJ		961	061
	BI. Shale	1	061	181
	əmiJ		181	126
	Shale		150	115
	əmiJ	· · · ·	115	901
	Shale		901	28
	əmiJ		28	92
	Shale		92	946
	əmiJ		94	01
	Soil & Clay		10	0
comments	Formation	ພດ	Botto	qoT

Mound City, KS PO Box K

moo.lismg@gnillinbnwogom

620.224.7406 Chris' cell 913.795.2259 office

<b>7</b> #	Kettle	Dean

Allen Co., KS

	D		1303
Softer, more porous, good oil show	əmiJ	1303	1296
Arbuckle	əmiJ	1596	1291
	Shale	1291	1569
	əmiJ	1569	1248
	Shale	1248	1244
iqqiaaiaaiM	əmiJ	1244	286
	Shale	786	926
	leoJ	926	Þ26
	Sand	726	896
	Coal	856	996
worka liO	bne2	996	826
	Shale	856	633
	Coal	633	630
worka liO	bnes	630	920
	Shale	920	613
	[603]	613	010
	Sand	010	825
Gas odor	Sandy Shale	825	S15
	Shale	815	692
	Sandy Shale	692	992
	Shale	992	979
Odor, no visible show	Sand	979	219
	Shale	219	809
	emiJ	809	209
	Shale	209	069
	əmiJ	069	<del>7</del> 99
	BI. Shale	495	634
	Pime	534	929
	Shale	926	220

### Notes

Did not wash hole clean, immediately tripped out after TD and allowed hole to set overnight. Before running L/S. Tripped 3 7/8" button bit to bottom and cleaned trom casing. Washed hole clean at TD.

Brad Cell # 620-437-6765 Т997-267-079 # әэ!Но Madison, KS 66860 BEORY A ELDE Hurricane Services, Inc.

				/	1977 40 - 50X - 4
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58.341	\$3.25/Mile	and the second	9369liM	_517
00.097	Pump charge	Servcies or Product	Description of 2	Quantity Or Units
			:OT89	
David	151-EH1 _SQ1	Cement Left in Casing.35~	Tubing:	Bridge Plug:
Jerry.	202	Displacement: 20% Bus	Casing Size: 41% - 1292	Hole Depth: /303~
41177	108	In A C HOMODELADIA	LAGO VALLA VALLA	" HE S :S SIO
Driver	Truck #		Envirseroy-	:əd\1 do

To consistions these with Pitraster Runger Dise Sires water 10841 By waster Mined 210544 50/58 Bany consister

Closed Coshes in 1400 BI ISO 00/ -= 2051 First Running or 500 Par 22 הבל בי לי אים דומנו חובקאוניו כבחינה שואי שטא שאל ושמוש

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שבט במתואות ושידי שמשל בכמוכה (דועוגב 2 לאאו שלארי

Sustomer Signature without by Richard Burnis (HOV. 1-ZOII)

p.004/014

Brad Butter

(FAX)1 620 437 2881

Foreman Location

Ticket Number 100183

urricane Services, Inc. 3613 A Y Road Madison, KS 66860 Office # 620-437-2661 Brad Cell # 620-437-6765

Ticket Number 100177 Location گرهانیه کارهانیه کارهانیه کارهانیه کارهانیه کارهانیه کارهانیه کارهانیه کارهانیه کارهانی کارهانی کارهان Foreman

64699 diz	City State (ity State	Mailing Address 308 Fairway Ave	<u>عامی و ۲۶ ۲</u> ۲ کر nətomet	
Allen	SAFA C. SCAPER	Alaw Kettle " 4A		21-4-11
County	Sec./Township/Range	Well Name & Number	# າອmotsuD	Date
		Cement Service ticket		

86'066/7 1	Estimated Tota			
86281	xsT zəle2			
50'E084	Subtotal	-		
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_58'89/7	əliM/st.t\$		Bulk Truck	suol 202
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00'064	Pump charge	Description of Servcies or Product		Quantity Or Units
M.Ismfd			PBTD:	
Rick	251 + hh1	Cement Left in Casing; 35-	:ՁniduT	Sridge Plug:
David	901	Displacement PSI: 550	Casing Weight: 9.516	
· hpo)	202	Displacement: 20 W Bbk	Casing Size: 414" or 1390	"4/69 : azis alor
Kelly -	108		Guide	
Driver	Truck #		64.1722914	op Type:

Remarks: Rig come To condition the with Pitwater Punped 10 Bbi. Great water 10 Bbi. Warner 25 Bbis water i anter i and a condition the water i and a condition to be a condition to be and a condition to be a condition with a condition to be condition to be a conditing to be a condition to be a cond

Tob complete with good center read 12" 190 BS - Close casing in up 400 BSE waters. Tob complete with good center read 12" 190 BS - Close casing in up 400 BSE. Mixed 2033Ks. Joyso Bosmix center up 23 6 CL - Close casing in up 400 BSE.

"Thankyou"

withersed by Richerd Buri's

Sustomer Signature

(Rev. 1-2011)