ORIGINAL

Kansas Corporation Commission Oil & Gas Conservation Division

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 # 34336	APINO 15- 15-107-24142-00-00
	Spot Description:
Address 1: 14244 E1900Rd	SE_NE Niv Sec. 23 Twp. 20s. R. 23 YEast West
Address 2:	ros6 Feet from № North / South Line of Section
City: LaCygne State: KS zip: 66040+	2,123 Feet free TEast X West Line of Section
11-10-111-	Footages Calculated from Nearest Outside Section Corner:
Phone: (9/3) 259 - 6032	□NE □NW □SE □SW
112 -	County: Lind
Name: Dale Tackson Production Co	Lease Name: Carothers Well # 2001 2.
Wellsite Geologist:	Field Name: Cad mas - La Cygne KCC
Purchaser:	Producing Formation: 5qu rre
	Elevation: Ground: 900 Kelly Bushing:
	Total Depth: 449 Plug Back Total Depth:
· ·	Amount of Surface Pipe Set and Cemented at: 20 Feet
	Multiple Stage Cementing Collar Used? Yes No
CM (Cool Red Mothers)	If yes, show depth set:Feet
Cathodia Other (Core Fuel etc.)	If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old Well Info as follows:	feet depth to:w/sx cmt.
Operator:	
	Drilling Fluid Management Plan
Original Comp. Date: Original Total Donth:	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD ☐ Conv. to GSW	Dewatering method used:
	Location of fluid disposal if hauled offsite:
Commingled Parmit #:	
Dual Completion Permit #:	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	QuarterSec TwpS. R East West
	County: Permit #:
3-8-10 3-11-10 3-11-10	·
Spud Date or Date Reached TD Completion Date or Recompletion Date	
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover or conversible two of this form will be held confidential for a period of 12 months if requestiality in excess of 12 months). One copy of all wireline logs and geologist well re BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all plugged wells.	ersion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information sted in writing and submitted with the form (see rule 82-3-107 for confidency shall be attached with this form. ALL CEMENTING TICKETS MUST
AFFIDAVIT	KCC Office Use ONLY
l am the affiant and I hereby certify that all requirements of the statutes, rules and regu lations 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.	Date:
	Confidential Release Date:
Signature: Kovin & Cowother	Wireline Log Received
	☐ Geologist Report Received ☐ UIC Distribution
Title: Owner Date: Nov 17,2010	ALT LE III Approved by: De Date: 1310

Operator Name:	Cevin FC Os. R.23	K East West	Lease Na	ame:	Caroti	ners			
and tool open and cit	es if gas to surface to	nd base of formations per ut-in pressures, whether s est, along with final chart(I well site report.	เกมระเท กาครรม	ire reach	ad static lava	l hydroctotic case.			
Drill Stem Tests Taken Yes Yolo (Attach Additional Sheets)				Log	Log Formation (Top), Depth and Datum			Sample	
Samples Sent to Geological Survey Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)			Name Saa Land Top Datum			Datum +45			
ist All E. Logs Run:		and a second	-	-			<u>,</u> , - <u>-</u>	-	
.,2	•	CASING I		. New	Used				
Purpose of String	Size Hole	Report all strings set-co	onductor, surfa Weight	ce, interm	ediate, product Setting	ion, etc.	# Sacks	Tvo	e and Percent
Surface	Drilled 834	Set (In O.D.) 8344614	Lbs. / Ft.		Depth	cement portland	Used 5	.,,,	Additives
longstring	3 5/8	23/3		4	413	portland		······································	
		ADDITIONAL (CEMENTING	/ SOLIEE	7E 0ECODO				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Use		Type and Percent Additives				
Shots Per Foot	PERFORATIO Specify Fr	N RECORD - Bridge Plugs potage of Each Interval Perfor	Set/Type		Acid, Frac	ture, Shot, Cement S	Squeeze Record		
		3 100			(Am	ount and Kind of Mate	orial Used)		Depth
									EIVED
							· ·	VOV	2 4 2010
JBING RECORD:	Size:	Set At:	Packer At:	Lin	er Run:	Yes No	KC	C V	2 4 2010 VICHITA
ate of First, Resumed Pro		1	i: Pumping	Gas		ner (Explain)			
stimated Production Per 24 Hours	Oil Bi	ols. Gas Mo	a	Water	Bbl		s-Oil Ratio		Gravity
DISPOSITION Vented Sold (If vented, Submit	Used on Lease		THOD OF COM Perf. Do	MPLETION ually Com omit ACO-5	p. 🔲 Comn	ningled TO	PRODUCTION 1 = 449 1	INTERN	

Lease:				u P
Owner:	Kievin + Cl	eaten Grethers		
OPR#:	34336	(American)	Dale Jackson Prod	
Contractor:		Kson Production	Box 266, Mound Ci	V. 1977 37 13 13
OPR#:	4339	IL A GA	Cell # 620-363	
Surface: 20 cf6	Cemented:	Hole Size Was 2	Office # 913-79	95-2991
Longstring	Cemented:	Hole Size: × 52		
मधा हू	59	9 Ag	SN: None	Packer: 441

Location: SE NE No 523 Tea 8	2
County: Linn	
FSL: 10gb	
EL: 2,122	
API#: 15 - 107 - 24142 -00-6	ð
Started: 3_ \$ - 10	
Completed: 3-11-10	
TD: 449	

sn: None	Packer: 4412	
Plugged:	Bottom Plug:	_

KN	BTM Depth	Formation	TKN	BTM Depth	Formation
	~Z	Top Soil	14	403	Sandy Shele Slight oder
5	7	Lime	2	405	Sand (Strangoder) some oil st
7	14	Clan	2		
1	15	Blackshall		428	Shale
7	32	Lime] 8	436	1605 sand (Fair odyr) Some show
5	37	Shale.			
_	39	Mack Sha Co		443	Gos San
	41	Lime		445	
	50	Shale	TD	499	Stale
3	53	Lime			
	54	Block shale			
9	58	Shele			
3	66	Light Shale (Ling)			
8	164	Shole			
	165	[coal		-	
1	176	Shele			
	183	Red Bed			
4	185	Shale '			
•	186	Con			
3	134	Shell			
6	210	Sandy Shole			
3	228	Shele			
3	236	time strong oher			
_	240	Kightstole			
	24)	Sond			
2	253	Sand (Strang oder)			
٤	255	Sand (Fair Oder)			
•	254	Sand (some shale) Fa	10000)	
2	261	Light sandy State Sand 9	7 1/2 17 Ods	2	
	265	Sand Steley Strong	oder)		
2	298	Shale			
>	23	Coal		·	
?	297	Shale			
6	295	Lime			
3	30 %	Shole			
115	317	Law 23 Vierna Coul			
	315	Black Shows		· · · · ·	
9	339	Shal			
<u> </u>	345	Limit			RECENT
8	359	Shele time str)			· COEIVE
9	324	Shale 6			
1	364	Lime (horng oder)			NOV 2 4 20
,	367	There			
	370	Black Shale			KCC WICHI
z 	377	5hale			
3	380 399	Limi Shale			