KOLAR Document ID: 1600829

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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.:				
Name:	Spot Description:				
Address 1:	SecTwpS. R □East □ West				
Address 2:	Feet from				
City: State: Zip:+	Feet from _ East / _ West Line of Section				
Contact Person:	Footages Calculated from Nearest Outside Section Corner:				
Phone: ()	□NE □NW □SE □SW				
CONTRACTOR: License #	GPS Location: Lat:, Long:				
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx) Datum: NAD27 NAD83 WGS84				
Wellsite Geologist:					
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
New Well Re-Entry Workover	Field Name:				
□ Oil □ WSW □ SWD	Producing Formation:				
Gas DH EOR	Elevation: Ground: Kelly Bushing:				
	Total Vertical Depth: Plug Back Total Depth:				
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet				
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?				
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet				
Operator:	If Alternate II completion, cement circulated from:				
Well Name:	feet depth to:w/sx cmt.				
Original Comp. Date: Original Total Depth:					
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan				
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)				
	Chloride content: ppm Fluid volume: bbls				
Commingled Permit #:	Dewatering method used:				
Dual Completion Permit #:	Leading of fleid diseased if headed offelia				
EOR Permit #:	Location of fluid disposal if hauled offsite:				
GSW Permit #:	Operator Name:				
	Lease Name: License #:				
Could Date or Date Decembed TO Commission Date or	Quarter Sec TwpS. R				
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	County: Permit #:				

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						
Confidentiality Requested						
Date:						
Confidential Release Date:						
☐ Wireline Log Received ☐ Drill Stem Tests Received						
Geologist Report / Mud Logs Received						
UIC Distribution						
ALT I III Approved by: Date:						

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Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool erature, fluid recovery, Digital electronic log
Drill Stem Tests Taken Yes No Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets)										Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No	Name			Тор	Datum	
Cores Taken Electric Log Run Geologist Report / Mud Logs List All E. Logs Run:				es No es No es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo		# Sacks Use		EEZE RECORD	Typo a	ad Paraant Additivas	
		Bottom	Type of Cement		# Sacks Osec		d Type and Percent Additives			
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole				nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At					Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	EWING 23I
Doc ID	1600829

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set			Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	20	portland	8	n/a
Production	5.875	2.875	6.5	684	portland	80	n/a

Ewing 23I

4	soil	4	start 10/7/21
11	clay	15	finish 10/8/21
60	shale	75	
26	lime	101	
32	shale	133	
13	lime	146	set 20' 7"
33	shale	179	ran 684' 2 7/8
54	lime	233	hurricane cemented to surface
6	shale	239	
42	lime	281	
169	shale	450	
20	lime	470	
57	shale	527	
30	lime	557	
20	shale	577	
9	lime	586	
18	shale	604	
6	lime	610	
10	shale	620	
7	lime	627	
6	shale	633	
5	oil sand	638	good show
52	shale	690	t.d.



ENT	TRE	ATMEN	T REP	ORT									
Cus	tomer:	RJ Energy Well:			Ewing 23I Ticket:			EP2927					
City,	State:	Garnett, KS County:				AN, KS	10/8/2021						
Fiel	d Rep:	Jason Kent S-T-R:					13-21-20	Date:					
				1				(Fig. 1)	· · · · · · · · · · · · · · · · · · ·				
		Informati			Calculated S	lurry - Lead	urry - Lead Calculated Slurry - Tail						
	e Size:				Blend:		Econobond 1# PS Blend:						
Hole Casing			-		Weight:	13.61		Weight:	ppg				
Casing I					Water / Sx;		jal / sx	Water / Sx:	gal / sx				
Tubing /			in		Yield:	1.56 1		Yield:					
	Depth:		ft		Annular Bbls / Ft.;		bs / ft.	Annular Bbls / Ft.:	bbs / ft.				
Tool / P					Depth:	Total Particular State of the S	t	Depth:					
	Depth:		ft		Annular Volume:	0.0 1	bls	Annular Volume:					
Displace			bbls		Excess:			Excess:					
		1	STAGE	TOTAL	Total Slurry: Total Sacks:	18.89 I		Total Slurry:					
TIME	RATE	PSI	BBLs	BBLs	REMARKS	98.8	11	Total Sacks:	0 sx				
6:00 PM					on location, held safety	/ meeting							
	4.0				established circulation								
	4.0			-	mixed and pumped 200	⊯ Bentonite G	el followed by 4 bbls fro	esh water					
	4.0			-	mixed and pumped 68 s	sks Econobon	d cement w/ 1# Phenos	eal per sk, cement to surfa	ce				
	4.0				flushed pump clean								
	1.0			•	pumped 2 27/8" rubber	r plugs to cas	ing TD with 3.96 bbls fr	resh water					
	1.0			-	pressured to 800 PSI, w	vell held press	ure						
		***************************************	-	*	released pressure to se	et float valve							
	4.0	(*************************************			washed up equipment								
				-									
7:00 PM					left location		2						

						CTTO CTTO AND							
						THE PARTY OF THE P							
		CREW UNIT SUMMARY											
Cen	nenter:	Case	y Kenned	ly	89		Average Rate	Average Pressure	Total Fluid				
Pump Op	erator:	tor: Nick Beets 239					3.1 bpm	- psi	- bbls				
	Bulk: Alan Mader 193					Philosoponantick			The state of the s				
	H2O;	Scot	McCrea		111								