KOLAR Document ID: 1406384

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:	
Address 2:	Feet from North / South Line of Section
City:	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)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
☐ CM (Coal Bed Methane)☐ Cathodic☐ Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
	If yes, show depth set: Feet
If Workover/Re-entry: Old Well Info as follows:	
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to: 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)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR	·
GSW	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
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 II III Approved by: Date:						

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Page Two

Operator Name: _				Lease Name:			Well #:		
Sec Twp.	S. R.	Ea	ast West	County:					
	flowing and shu	ıt-in pressures, w	hether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,	
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	. Digital electronic log	
Drill Stem Tests Ta			Yes No		_	on (Top), Depth ar		Sample	
Samples Sent to G	Geological Surv	ey	Yes No	Na	me		Тор	Datum	
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No						
		R			New Used	on, etc.			
Purpose of Strir		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
			ADDITIONAL	CEMENTING / S	QUEEZE RECORD	I			
Purpose:		epth Ty	pe of Cement	# Sacks Used	Used Type and Percent Additives				
Protect Casi									
Plug Off Zon									
 Did you perform a Does the volume o Was the hydraulic 	of the total base f	luid of the hydraulic	fracturing treatment	_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three (,	
Date of first Producti Injection:	ion/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity	
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			N INTERVAL: Bottom	
	_	on Lease	Open Hole			mmingled mit ACO-4)	Тор	Bottom	
,	, Submit ACO-18.)				· · · · · · · · · · · · · · · · · · ·				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record	
TUBING RECORD:	Size:	Set /	At:	Packer At:					
. 5213 (1200) 10.	JIEG.			. 30.0.71					

Form	ACO1 - Well Completion
Operator	Housel, Rick dba Rick's Well Service
Well Name	CURRAGH NW#1
Doc ID	1406384

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set			Type Of Cement		Type and Percent Additives
Surface	9.8	7	20	20	portl	4	0
Production	5.13	2.88	6.8	875	pozmix;	81	2.4



PO Box 884, Chanute, KS 66720

TICKET NUMBER 53886

LOCATION OF HAWA

FOREMAN Alan Maden

FIELD TICKET & TREATMENT REPORT

020-431-921	10 or 800-467-8676			CEMEN	I				
DATE	CUSTOMER#	WELL	NAME & NUMB	ER	SECTION	TOWNSHIP	RANGE	COUNTY	
11-3-17	.9999	Chrrasi	home	#	NE 35	80	16	wilson	
CHSTOMER	Zala End		//	_	第12年7月7				
VIMILIAND ADDRE		er prisi	os hh	-	TRUCK#	DRIVER	TRUCK#	DRIVER	
20147		00			730	Blanch	Satet,	Meet	
CITY		OD Kd.	ZIP CODE		368	ArlMall			
Neode	1				807	M: K Hag			
		K5	66757		60-			260	
	892 String			HOLE DEPTH	900	CASING SIZE & V	VEIGHT	8	
CASING DEPTH		DRILL PIPE		TUBING			OTHER		
SLURRY WEIGH		SLURRY VOL			k	CEMENT LEFT in		2	
DISPLACEMENT DISPLACEMENT PSI MIX PSI RATE 16pm									
REMARKS: H	eld nee	ting E	57961:54	red 1	ate.	nixed o	- pump	ood	
100 th	1	owed	by g	(JSK)	102 618	end LA	plus o	22090(
1/4# 4	10 geal	per sa	CK. L	ir Cul	ated 1	ement	. F145	ned	
Bump.	funped	L d	777	0 64	6ins I	D. We	Il held	el	
1 800	PSL.	Jet 1	Hoat.						
	1	AA AI		,					
	Mac	Mchers	on wat	es tr	uck	Market State Control of the Control	an Al	Day	
	CHARLES OF THE CONTRACT OF THE					10	A	00	
						/1/	onc/		
ACCOUNT						1 1			
CODE	QUANITY o	or UNITS	DES	CRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL	
CE0450	. 1		PUMP CHARGE		***************************************	368	15000		
LE0002	•	7	MILEAGE			368	393 25		
LEOTII	M:		ton v	12 161		804	66000		
	701 -		1011	11.163	. 5	ub-	255705		
					heb	- 09	197024	158301	
					مده	5 000	, ,	(500	
CETTUO	81		0 12	lend.	T 1		100150		
(C5840	72	176-	r	iena.	+/4		7000		
CC 5965	201	6 ^{TL}	ge	. [11000		
CL 6075	20		f10	sea [40=		
CP 8176		2	21/	8 plu			900-		
				/	J	Sub	12990		
					Les	5 38%	-49183	8027	
					•				
						6.5%	SALES TAX	52.1	
Ravin 3737							ESTIMATED	243767	
AUTHORITIES				W1004 F			TOTAL	7 22 102	
AUTHORIZTION				TITLE	-		DATE	5701-	

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 form

McPherson Drilling LLC Drillers Log

 Rig Number:
 mud rig
 S. 35
 T. 30 N
 R.16 E

 API No. -15 205-28405
 County:
 WL

 Elev.
 904 est
 Location:
 NW NE SE NE

Operator: RICKS WELL SERVICE ATTN: J J HANKE

Address: PO BOX 268

CHERRYVALE, KS 67335

Well No: NW #1

键,

Lease Name: CURRAGH

Footage Location: 3823 ft. from the

SOUTH Line

430 ft. from the

EAST Line

Drilling Contractor:

McPherson Drilling LLC

Spud date:

10/30/2017

Geologist:

JJ HANKE

Date Completed:

11/3/2017

Total Depth:

900'

Casing Record			Rig Time:				
	Surface	Production					
Size Hole:	9 7/8"	5 1/8"					
Size Casing:	7"	2 7/8"					
Weight:	20#						
Setting Depth:	20'	892.5					
Type Cement: Sacks:	PORTLAND 4	181	DRILLER:	Mac McPherson			

Comments:	
Start injecting @	
	William Company of the Company of th

Gas Tests:

				Well Log				
Formation	Тор	Btm. HRS.	Formation	Тор	Btm.	Formation	Тор	Btm.
soil	0	2		11				
sand	2	5						
shale	5	14						1346
lime	14	18						
shale	18	27						
lime	27	38						
shale	38	143						
lime	143	203						
shale/sand	203	269						
lime	269	338						
shale/sand	338	588						
lime	588	618						
shale	618	662						
osw lime	662	692						
shale	692	701						
lime	701	716						
shale	716	722		40				
lime	722	728						
shale	728	770						
lime	770	772						
shale	772	844						
oil sand	844	853						
shale/sand	853	900 TD						