Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1369822

Form ACO-1 November 2016 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 Dorth / South Line of Section
City: State:	Zip:+	Feet from East / West Line of Section
Contact Person:		Footages Calculated from Nearest Outside Section Corner:
Phone: ()		
CONTRACTOR: License #		GPS Location: Lat:, Long:
Name:		(e.g. xx.xxxx) (e.gxxx.xxxxx)
Wellsite Geologist:		Datum: NAD27 NAD83 WGS84
Purchaser:		County:
Designate Type of Completion:		Lease Name: Well #:
New Well Re-Entry	Workover	Field Name:
		Producing Formation:
		Elevation: Ground: Kelly Bushing:
Gas DH EOR		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? Yes No
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: Origina		
Deepening Re-perf. Conv. to		Drilling Eluid Monogoment Dien
	GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
		Chloride content: ppm Fluid volume: bbls
Commingled Permit #: _		
Dual Completion Permit #: _		Dewatering method used:
SWD Permit #: _		Location of fluid disposal if hauled offsite:
EOR Permit #: _		Operator Name:
GSW Permit #: _		Lease Name: License #:
		Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Recompletion Date	Completion Date or Recompletion Date	County: Permit #:
	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						
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:						

	Page Two	1369822
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INSTRUCTIONS: Show important tops of formations penetrated. De	tail all cores. Report all fin	al conjes of drill stems tests giving interval tested, time tool

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests	Taken ional Sheets)		Yes No		Log Formation	on (Top), Depth a	and Datum	Sample
Samples Sent to	,	vev	Yes No	Na	ame		Тор	Datum
Cores Taken Electric Log Run Geolgist Report / List All E. Logs F	/ Mud Logs		Yes No					
			CASING Report all strings set-	RECORD	New Used	ion. etc.		
Purpose of St		e Hole vrilled	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			
Purpose: Perforate	Top Bottom		Type of Cement	# Sacks Used		Type and Percent Additives		
Protect Ca Plug Back	TD							
	e of the total base	fluid of the hydrau	this well? ulic fracturing treatmen ubmitted to the chemic	-		No (If No, s	kip questions 2 ar kip question 3) Il out Page Three	
Date of first Produ Injection:	ction/Injection or I	Resumed Producti	on/ Producing Met	hod:	Gas Lift	Other <i>(Explain)</i>		
Estimated Produc Per 24 Hours		Oil Bbls.	Gas	Mcf V	Vater E	bls.	Gas-Oil Ratio	Gravity
DISPO	OSITION OF GAS	:		METHOD OF COM	PLETION:		PRODUCTIO	ON INTERVAL:
Vented	Sold Use	d on Lease	Open Hole			mmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)		(Sub	omit ACO-5) (Sub	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid	, Fracture, Shot, Ce (Amount and Kir	ementing Squeeze	

Packer At:

TUBING RECORD:

Size:

Set At:

Form	ACO1 - Well Completion
Operator	Ace Energy LLC
Well Name	PEARSON 112 (W77)
Doc ID	1369822

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	7	6.5	100	20	Portland	8	N/A
Production	5	2.875	50	200	Portland	25	N/A

SIDE	ONE PI			
STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION	API NO. 15-037-21, 078			
WELL COMPLETION OR RECOMPLETION FORM ACO-1 WELL HISTORY	county Crawford			
DESCRIPTION OF WELL AND LEASE	NE/4 Sec. 4 Twp. 28 Rge. 23			
Operator: license #	4233 Ft North from Southeast Corner of So 972. Ft West from Southeast Corner of So			
	(Note: locate well in section plat below)			
address P. O. Box 709 Independence, City/State Zip Kansas 67301	Lease Name Pearson Well# 112			
Gperator Contact Person Alexander Davie Phone 1-331-2835	Field Name?			
	Producing Formation Peru			
Contractor: license # 5493 name Pat Chase-Chase Drilling	Elevation: Ground?			
Wellsite Geologist	Section Plat			
Wellsite Geologist Phone N/A PURCHASER Eureka Crude	52B0 4950 4620			
Designate Type of Completion X New Well Re-Entry : Workover	4290			
"X Oil 📃 SWD 🗋 Temp Abd	3630			
Gas Dilyar (Cara Water Supply of c)	264D			
	19BD			
N/A Dperator				
Well Name	660			
Comp. Date				
•				
WELL HISTORY ' ng Method: 🐹 Mud Rotary 📋 Air Rotary 🔲 Cable	χ water supply information			
	Source of Water:			
3-9-84 3-9-84 8-15-84 spud Date Date Reached TD Completion Date	Division of Water Resources Permit # N/A			
· 87 (187)	(Well) Ft. West From Southeast Corner			
Total Depth Kar PBTD	Sec Twp Age 🗋 East 📋 Wes			
Amount of Surface Pipe Set and Cemented at 20	Surface Water			
Multiple Stage Cementing Collar Used? [] Yes 🛛 🕅 No	Sec Twp Rge [] East [] Wes			
If Yes, Show Depth Setfeet	Other (explain) (purchased from city, R.W.D.#)			
If alternate 2 completion, cement circulated from 0 fr	Disposition of Produced Water: Disposat Repressuring Docket #N/A			
INSTRUCTIONS: This form shall be completed in duplicate and fin				
Wichita, Kansas 67202, within 90 days after completion or recompletion of an Information on side two of this form will be held confidential for a period of 12				
for confidentiality in excess of 12 months. $d_{a,b}$ One copy of all wireline logs and drillers time log shall be attached with the	his form. Submit CP-4 form with all plugged wells. Submit CP-111 form			
all temporarily abandoned wells.	·			
All requirements of the statutes, rules, and regulations promulgated to regulations promulgated to regulation are complete and correct to the best of my knowledge and state of a state of	late the oil and gas industry have been fully complied with and the statem			
())	K.C.C. OFFICE USE ONLY			
from The same	F 📋 Letter of Confidentiality Attached			
Signature	C D Wireline Log Received C D Drillers Timelog Received			
Title Agent. Date	10/25/84 Distribution			
Subscribed and sworn to before me this .25 day of	10 84 1 KGS [] Plug [] Other			
PRISCI	LLA P. DAVIES (Specify)			
Notary Public T. W. Millio T. M. M. M. STAT	TE OF KANSAS			

Form ACO-1	(7-	8
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			SIDE T				
erator Name The	Prod. Team	Lease N	ame Pears	on watter	12 4 SEC 1	28	23 ⊠ E≉ □ ₩ι
erator Name	1.1.1.1.1.1.1.1.1	Etast i		····· ••en#	··· 566 ···· 1	MP	·····
			WELL I	LOG			
ISTRUCTIONS	Stow impo	ortant tops and	base of form	nations penetra	ated. Detail all	cores. Report	all drill stem te
ving interval tested	i, time tool ope	n an d clos ed, fl	lowing and	shut-in pressu	res, whether s	hut-in pressu	re reached st
rel, hydrostatic pre tra sheet if more sp	ssures, bollon	n noie temperat Attach copy o	ure, tiula re filoa	covery, and no	ow rates it gas	to surface du	ring lest. At
tra sneet n more sp		·····	••••	••••••			••••••••••••••••••••••••••••••••••••••
	Takan	🗌 Yes	X No		F	ormation Desc	ription
Drill Stem Tests Samples Sent to	Geological Survey	🗋 Yes	No No				Sample
Cores Taken		🗋 Yes	₩o No	No	me		Top Botton
				:			ορ Βοασι
				<u> </u>	RILLERS L	OG UNLI	
				A	pprox.		
				÷)-8	Clay	
					3-13	Limesto Sand &	
				• • • •	3-85 5-140		Limestone
					0-TD		Shale-TD
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				:			
		CASING RE	CORD	: Xinew П	used		
	Rep	ort all strings set - c					type and
Purpose of string	size hole drilled	sizecasing set (in O.D.)	weight ibs/fL	setting depth	type of cement	# sacks used	percent additives
Production		2 7/8		approx.20	' Portlan	d 8	
Surface		6 5/8		200			
-	PERFORATION R specify footage of e		hed	Acid,	Fracture, Shot, (Cement Squeez	
shots per foot		esti intervai periori		0.10.7		u ol material used	
	.No	•••••			Rock Salt.		Approx. 180-197
			• • • • • • • • • • • • •				

OPEN HOLE		,		Liner Run	🗌 Yes	X No
Date of First Production	Producing method	🚺 flowing 🐰 pump	bing 🗍 gas l	ift 🗌 Other	(explain)	
	Oll	Gas	Water	6	Gas-Oil Ratio	Gravity
Estimated Production	Approx.					
Per 24 Hours 🌱	2 bbls. Bbls	0 _{MCF}	20%	Bbis	0 CFF	32-34
Disposition of gas: 🗌 vented		METHOD OF	METHOD OF COMPLETION		PRODUCTION INTERVAL	
	sold	⊖other (specify)	· · · · · · · · · · · · · · · · ·			
X	used on lease	Dually Commission				

Chase Drilling PI 4-28-232 Well No. 112 County CRANTERD State Kan SES Lease PEAK SOM Date 2-99-84 Operator The PRODUCTION Term ReeD Driller lé Helper. NSCO-19316 Depth Description From То Shile 20 62 GRay Samoy 81 82 45 50' 127' 178 GRAY ≤ 1 179' 193 Shele SND Zin aRef 17 1.01; 11 4. ٢ RECEVE SATION DUMINISEIDU DEC 07 1984

		Chase Drilling	p1
	Well No. 1127	- County (Rework Deter - County (Rework Deter - Date 2- - PRODUCTION TERM	28-84
	NSCO-19316	Driller <u>Dale Re</u> Helper	<u>.e. 0</u>
	Depth From To	Description 4 Soi	
	4 8' 8 20'	4' Lime 12' Ganpy Shale Win	Bits
		et office	
Υ		· · ·	
		REC 19 VOID STATE COLLECTION DATE DE LATIONIEN	
		CCREATER THE REPORT	
	Remarks		
	Sinto Dana Visito Dana	3 1985	- · · · ·