KOLAR Document ID: 1678076

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 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.xxxxxx) (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)	Multiple Stage Cementing Collar Used? Yes No
Cathodic Other (Core, Expl., etc.):	
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)
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of haid disposal in hadica offsite.
GSW Permit #:	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 Approved by: Date:

KOLAR Document ID: 1678076

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	sed 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 of Material Used)	Record	
TUBING RECORD:	Size:	Set /	At:	Packer At:					
. 5213 (1200) 10.	JIEG.			. 30.0.71					

Form	ACO1 - Well Completion
Operator	Patterson Energy LLC
Well Name	DARREL 9
Doc ID	1678076

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	J 7 1		Type and Percent Additives
Surface	12.25	8.625	23	221	80/20	150	3%gel/2% cc
Production	7.875	5.5	15.5	3885	common	175	10% salt

Phone 785-483-1071 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

3201 No.

Date 9-12-22 34	Twp.	Range 20	()	County Vells	State んら	On Location	12:48 p				
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Lease Parrel		Vell No. 9	9 84 si	Owner 5		ára e 1 o a a a a a a a a a a a a a a a a a a	- '				
Contractor Discovery				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish							
Type Job Sur Pace		221	ja ridi	cementer and helper to assist owner or contractor to do work as listed.							
Hole Size 12 K4	T.D.	221	2	Charge Pattersow ENERGY							
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Tbg. Size	bg. Size Depth				City State						
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Mouse Hole				Kol-Seal		, , , , , , , , , , , , , , , , , , ,					
Centralizers				Mud CLR 48	8						
Baskets				CFL-117 or CD110 CAF 38							
D/V or Port Collar				Sand							
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Phone 785-483-1071 Cell 785-324-1041	***************************************	manus and a second a second and	·	sell, KS 67665	No	9-17-29		
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Thg. Size	Depth		itv		State	1		
Tool	Depth	l T	he above was	done to satisfaction a	and supervision of owne	r agent or contractor.		
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EQUIF			ommon/7	<	<i></i>			
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Mouse Hole 20			ol-Seal <i>B</i> O					
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Phone 785-483-1071

Home Office P.O. Box 32 Russell, KS 67665

No. 3132

Cell 785-324-1041	3				· · · · · · · · · · · · · · · · · · ·	wwwtt.				
Date 9-26-22 Sec.	Twp.	Range	ROOK	State	On Location	Finish				
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Tool	Depth				and supervision of owner	agent or contractor				
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Bulktrk No. Driver / Driver	214		Gel.	6						
Bulktrk /7 No. Driver R	755		Calcium	Calcium						
JOB SERVICE	S & REMA	AKS	Hulls	Hulls						
Remarks:			Salt	Salt						
Rat Hole			Flowseal	Flowseal 75#						
Mouse Hole			Kol-Seal	Kol-Seal						
Centralizers		* 4	Mud CLF	Mud CLR 48						
Baskets	2000 30		CFL-117	CFL-117 or CD110 CAF 38						
D/V or Port Gollar		* * * * * * * * * * * * * * * * * * *	Sand	Sand						
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Phone 785-483-1071 Cell 785-324-1041	s	Home Office	P.O. E	30x 32 R	ussell, k	(S 67665	No	V 3 6 1		
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Phone 785-483-1071

Home Office P.O. Box 32 Russell, KS 67665

No. 3132

Cell 785-324-1041						gertan factor				
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Mouse Hole				Mud CLR 48						
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Signature	444	7/		E	Total Charge					
J. J	1/	/	- January Commence of the Comm							

AUSTIN B. KLAUS

Cell 785.650.3629 Work 785.483.3145 Ext 225

PO BOX 352 Russell, KS 67665 austin.klaus@johnofarmer.com

Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: Darrel #9

API: 15-163-24463-00-00

Location: Rooks County

License Number: Region: Kansas

Surface Coordinates: Section 34, Township 9 South, Range 20 West

1,635' FNL & 2,310' FWL

Bottom Hole Vertical well w/ minimal deviation, same as above

Coordinates:

Ground Elevation (ft): 2,272 K.B. Elevation (ft): 2,280 Logged Interval (ft): 3,200 To: RTD Total Depth (ft): 3,900

Formation: TOPEKA - ARBUCKLE

Type of Drilling Fluid: Chemical (Andy's Mud & Chemical Co.)

Printed by StripLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Comments

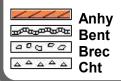
Company: Patterson Energy, LLC

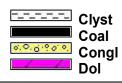
Address: PO BOX 400 Hays, KS 67601

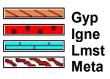
The Darrel #9 well was drilled by Discovery Drilling Rig #2 (Tool Pusher: Travis Schmidt).

The location for the Darrel #9 was discovered via 3D seismic survey. Drill time was recorded and rock samples were gathered and evaluated from 3,200' - 3,900'. Oil shows were encountered in the Lansing C,F,H,I and Arbuckle. Structurally, the Lansing top was picked 13' high to the comparison well, Darrel #4 (1650' FNL & 1650' FWL). Structure thinned and the Arbuckle top was picked 16' high to the comparison well. After comprehensive evaluation of all oil shows, structural comparison, & electric logs, the decision was made to set 5-1/2" production casing to further evaluate the Darrel #9 on 9/16/2022.

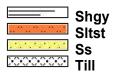
ROCK TYPES

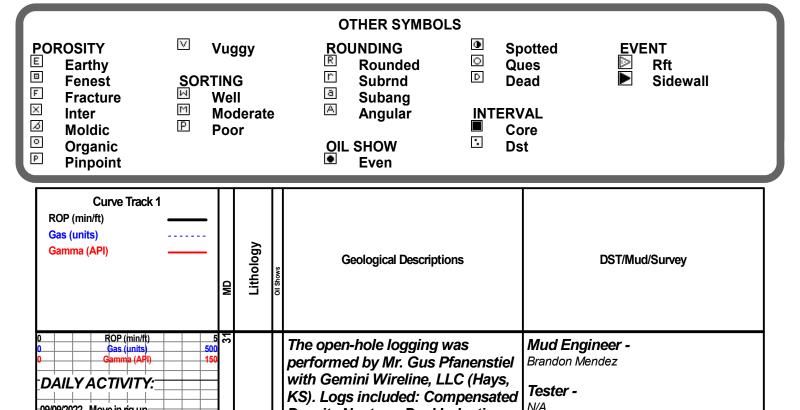


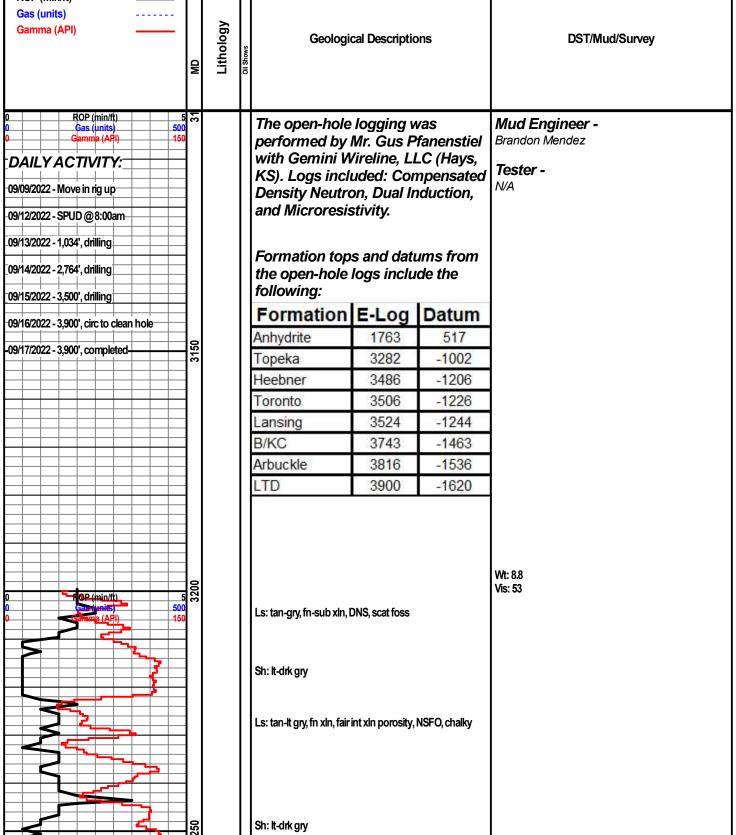


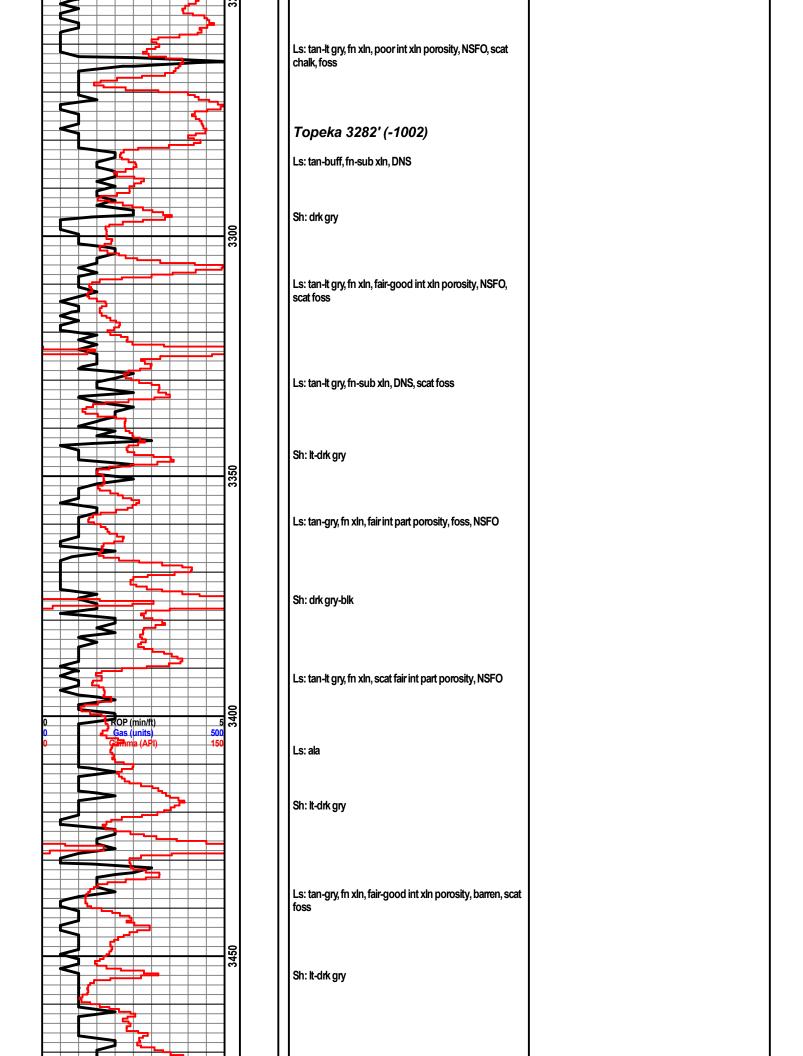


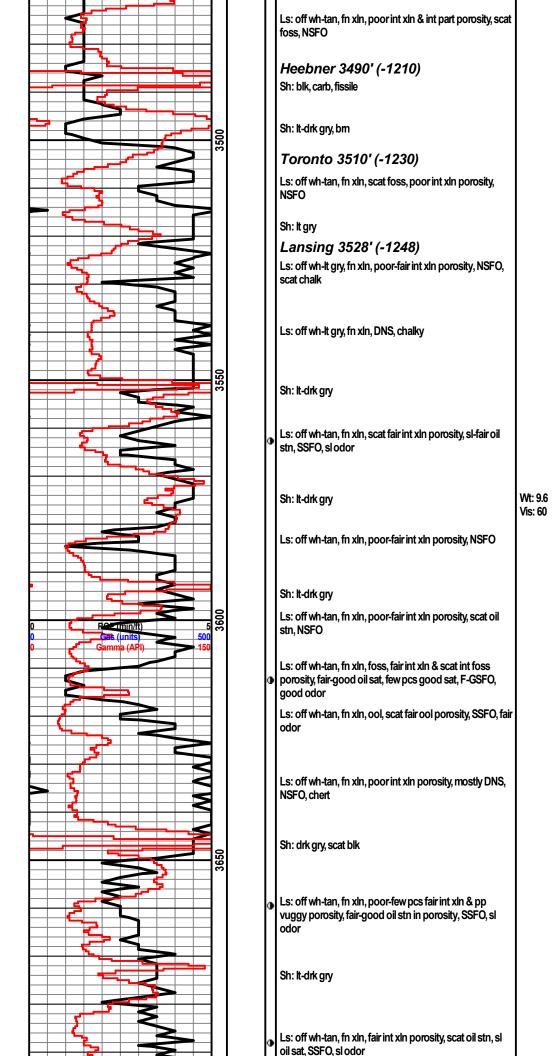


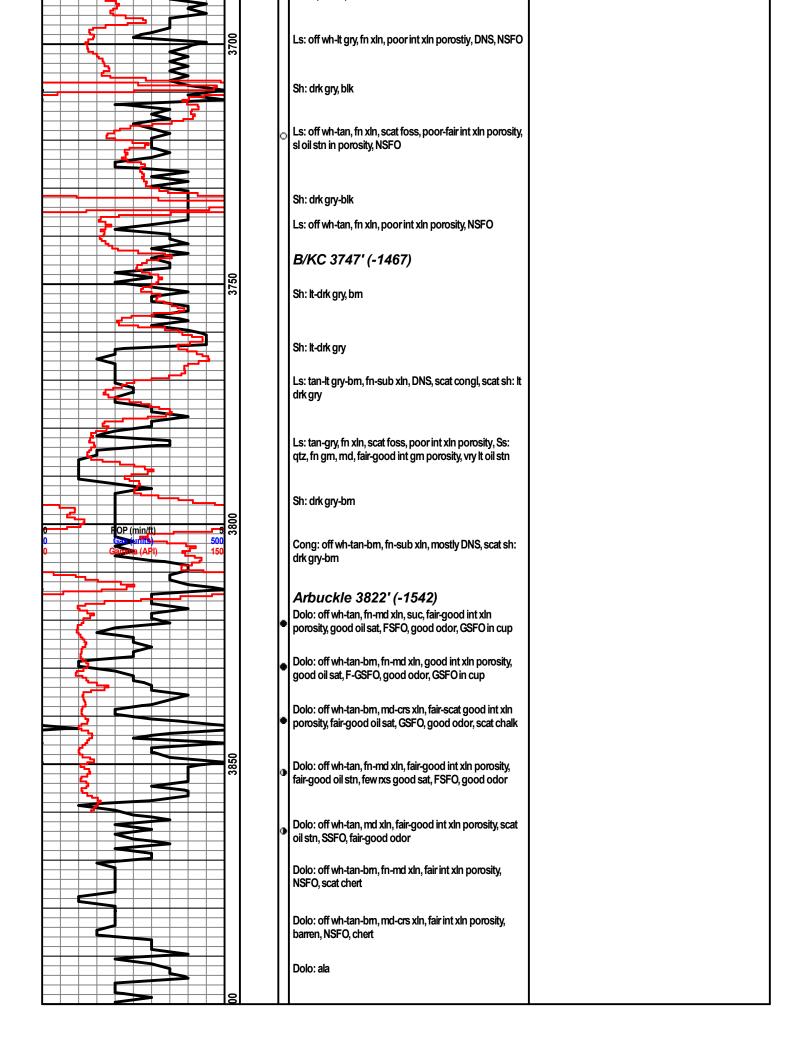












Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Laura Kelly, Governor

Dwight D. Keen, Chair Susan K. Duffy, Commissioner Andrew J. French, Commissioner

December 30, 2022

Zach Patterson Patterson Energy LLC PO BOX 400 HAYS, KS 67601-0400

Re: ACO-1 API 15-163-24463-00-00 DARREL 9 NW/4 Sec.34-09S-20W Rooks County, Kansas

Dear Zach Patterson:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 8/12/2022 and the ACO-1 was received on December 29, 2022 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department