KOLAR Document ID: 1584006

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: 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.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
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:
☐ OG ☐ GSW	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: Original Total Depth:	
□ Deepening □ Re-perf. □ Conv. to EOR □ Conv. to SWD □ Plug Back □ Liner □ Conv. to GSW □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
☐ Dual Completion Permit #:	
SWD Permit #: EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
	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 II Approved by: Date:

KOLAR Document ID: 1584006

Page Two

Operator Name: _				Lease Name:			Well #:					
Sec Twp.	S. R.	E	ast West	County:								
	flowing and shu	ut-in pressures, v	vhether 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	v. Digital electronic log				
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample				
Samples Sent to 0	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									
		B	CASING eport all strings set-c		New Used	ion, etc.						
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives				
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD							
Purpose:		epth T Bottom	ype of Cement	# Sacks Used		Type and F	Percent Additives					
Perforate Protect Casi Plug Back T												
Plug Off Zor												
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,				
Date of first Product Injection:	tion/Injection or R	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:		PRODUCTION INTERVAL: Top Bottom					
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	ТОР	Top Bottom				
,	,			B.11 B1								
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,		shot, Cementing Squeeze Record and Kind of Material Used)					
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:								
TODING RECORD:	. 3126.	Set	n.	i donei Al.								

Form	ACO1 - Well Completion
Operator	Talon Group LLC
Well Name	HEATH 1-27
Doc ID	1584006

Tops

Name	Тор	Datum
Anhydrite	2111	671
B Anhydrite	2138	644
Heebner	3993	-1211
Lansing	4031	-1249
Muncie	4213	-1431
Stark	4312	-1530
Hush	4354	-1572
Marmaton	4417	-1635

Form	ACO1 - Well Completion
Operator	Talon Group LLC
Well Name	HEATH 1-27
Doc ID	1584006

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	20	264	60/40 poz	2% gel 3% CC 1/4# sk flocele



CHARGE TO:	on Circuit	
ADDRESS		
CITY, STATE, ZIP CODE		

TICKET 33871

PAGE OF

Total Carro, Mills.			
/PROJECT NO.	LEASE HEATH COUNTY/PARISH	STATE CITY DE L	DATE OWNER
2. TICKET TYPE CONTRACTOR	RIG NAME/NO.	SHIPPED DELIVERED TO	
ALES SOUTH	Jine	VIA CA LCEATION	
O'S O'S	WELL CATEGORY JOB PURPOSE TYON BOXES ROTARIE PTO	WELL PERMIT NO.	Diches 6-6 15
REFERRAL LOCATION INVOICE INSTRUCTIONS			(-) x
PRICE SECONDARY REFERENCE/ ACCOUNTING REFERENCE PART NUMBER LOC ACCT	DESCRIPTION	QTY. U/M QTY. U/M	PRICE AMOUNT
576	MILEAGE TK#110	IN CH	00 M
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Pump Charge-PTA	3	35 D 35 B
338-4	60/40 ROZMIX 418 G	1 290 Ists	11/50 3190/00
376	Flocele	75 16	32600
540	D-Air	4 601	42 ce 168 ce
581	7 NT 2 11.		100
583	Diname	25.620 lb 511 mg	36.50 JES. 100.50
LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include.	REMIT PAYMENT TO:	OUR EQUIPMENT PERFORMED OUR EQUIPMENT PERFORMED	PAGE TOTAL 6729 95
but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions		WE UNDERSTOOD AND MET YOUR NEEDS?	
MIST OF SIGNIFICATION OF STREET,	SWIFT SERVICES, INC.	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	JN7
START OF WORK OR DELIVERY OF GOODS.	O. BOX	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS	Laging Linging
	111,	ARE YOU SATISFIED WITH OUR SERVICE?	1011
7-27-2021 IME SIGNED 1 A.M.	785-798-2300	II CUS	10TAL 1/1/69 1/10
CUSTOMER ACCEPTANCE OF MATERIALS	AND SERVICES The customer hereby	of the materials and services	on this
, , ,	The order of the costoller lieleny	receibt of	d on this ticket.

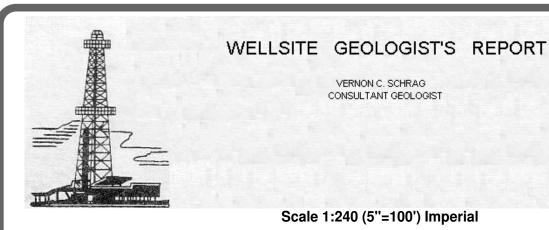
SWIFT, OPERATOR

relean

APPROVAL

Thank You!

CUSTOM	ER _	<u> </u>	WELL NO.		SWIFT Seri		7-27-2024
TAL		xip_		27	Heath	LOTARY PTA	TICKET NO. 33871
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T -G-	PRESSURE (PSI) TUBING CASING	DESCRIPTION OF OPERA	
-26	2300	<u> </u>		OP	Dall	ON LOCATION	4%" DP
			<u> </u>			<u> </u>	<u></u>
<u> </u>	0016	4	13		25)	Plug @ 2,150 "	1677.6
		<u> </u>				Displace w/ Mu	d Puno
		<u>-</u>	<u> </u>				
	21 15	<u>-1</u>	21	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	150	01 6 1202 1	000
						Plug @ 1350' w/	BC) SRS
	20-2						
	<u>0200</u>	4	13		100	Plug @ 660' w/	60sks
	<u>_</u>		-	-			<u>. </u>
	0225	4	10.5		100	Plug @ 310 w	140 sks
		<u></u>	 				
	0255	3%	6.25		- 75	D/10 60 105	1000
-						Plug @ 60' u	11 acss
			-52				
(0306	Z	8		- 50	Plug RH W/	30) sks
	COSACO		 			<u></u>	<u></u>
	0310	2	5.25		9)	Plug MH w/	20 sts
		<u>. </u>					
	0315			_ _		WASH UP TOK	#112 0 1880 0 1881
		<u></u> .				290 sks of Go	9/40 KOZMIX 4/2
_							
	. <u>-</u>	<u>.</u> .	<u> </u>	_	<u>-</u> .	1	
		<u>.</u>				1 hanks:	· · · · · · · · · · · · · · · · · · ·
							·
		. .				Gilleon, Ris	ly Isaac
_				· -	·	<u>. </u>	
						<u> </u>	<u>-</u>
		. <u>. </u>			· · ·	<u> </u>	_



Bottom Hole Coordinates:

Southwind Drilling Co., Rig #8

Address: P.O. Box 700



Region: Lane Co., KS

Total Gas

Hot-Wire

DRY SAMPLES WERE REQUESTED BYSTATE SURVEY WICHITA & SUBMITTED. DRY SAMPLES CHECKED BY-WELLSITE GEO TO INSURE ACCURATE MARKING.

TG (units)

Fifty

One

Drilling Completed: July 26, 2021

Well Name: HEATH #1-27 Location: SE NE SW NW SEC. 27-19S-28W **Licence Number: API: 15-101-22655 Spud Date: July 19, 2021** Surface Coordinates: 3487' FSL & 1073' FWL

Ground Elevation (ft): 2772' K.B. Elevation (ft): 2782' Logged Interval (ft): 3700' To: RTD Total Depth (ft): 4450' Formation: D&A Marmaton Type of Drilling Fluid: Chemical Premix (Displaced) Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

> **OPERATOR:** Company: TALON GROUP, LLC Hays, KS 67601

DRILLING CONTRACTOR: DP 4.5" XH (16.6#); DC 6-1/4" x 2-3/8", Kelly+Collars 505.21'; Tool Joint 5.5"; Bit: 7-7/8" JZ-HA20, 3/14s; rpm 80, WOB 35k; Kelly Bushing 10' above ground level; Doug Roberts (tool pusher).

CASING: 6 joints of new 20#, 8 5/8 casing, tally @ 252', set @ 264'

CIRCULATION SYSTEM: Continental EMSCO D-375, duplex, 6 x 14, 58 spm, Chemical, premix, earth pits, MudCo/Service Mud, Inc., Reid Atkins.

GAS DETECTION SYSTEM: None.

OPEN HOLE LOGS:

ROP ROP (min/ft)

ogy

Lithol

3750

DST

Five

Ten

DIGITAL ROP

DRILL STEM TESTS: No tests.

Radiation-Guard, detail LTD-3600; 2" to suface casing; Midwest Wireline, Hays, KS, Dan Schmidt.

)-CO: 2#.—	3772:	VIS 5	8, W	Г 9.0, Г	FIL 8.0	, CHL	2300	
5													_
													_
		00											
0 ROP 15 START 10' SAMPLES	ø	3800	LS: md-dk grayish brown; vf-xtal; argill.; w/much green/gray shale; granular in part; rough vuggy	0				Hot-	Wire				100
			texture in part; very dull fluor; N.S.										
	ø		LS: grayish brown; vf-xtal; dense, platey; chalky to argill. in part; scattered pin-pt porosity; only very dull fluor; N.S.										_
			Shale: dk gray to black;										
CON		DST	LS: fine to med granular as above; N.S.										
	ø	3850	LS: brown, grayish; vf-xtal; mostly dense; chalky in part; very dull fluor; rough vuggy tesxture; N.S.										_
			LS: grayish brown w/dk brown streaks & spots; vf xtal; argill.; v-dull fluor; poor porosity; N.S.										
3			LS: grayish brown; vf-xtal; sli granular or fos-frag; argill. in part; poor porosity; N.S.										
	Ø		argum me para, para para argum me										_
	ø		LS: It-md grayish brown; mic-vf xtal; mostly dense; no visible porosity; N.S.										
		3900	LS: It -md brown; mic-vf xtal; dense to sli chalky in part; mostly even textured; poor porosity; N.S.										<u>_</u>
		39											
\$			LS: md brown; vf-xtal; fine granular; rough textured; poor porosity; N.S.										
			LS: as above; trace spar; N.S.										_
	Ø		LS: It gray to brown; vf-xtal; mostly dense; sli granular; poor porosity; N.S.										
CON			LS: It -md brown; vfx-tal; dense to sli chalky in part;										=
			trace opaq. chert; poor porosity; N.S.										
		3950	LS: grayish-brown; mic-vf xtal; argill.; rough textured; poor porosity; N.S.										_
			, p										
			LS: as above w/trace shell frags; scattered pin-pt porosity; N.S.										
			LS: as above.										
← Hb			HEEBNER 3993 (-1211) Shale: black; carbonaceous; sli incr 4020 w/traces										
0 ROP 15		4000	above and below;	0				Hot-	Wire				100
TOR			Shale: greens, grays; calcareous; LS: mic-vf xtal; dense to chalky in part; scattered										
	F		med vug porosity; >50% even white to yel mineral fluor; N.S., 4040.										
	F		LS: as above, 4050.										
LAN			LANSING 4031 (-1249) LS: It brown; vf-xtal; dense; poor porosity; N.S.										_
5			LS: It brown; vf-xtal: trc grain suptd oolite;										<u>=</u>
	Ø	4050	fos-fragments; much opaq. chert; decr mineral fluor; chalky in part; poor porosity; N.S., 4060.										
		,											_
			Shale: dk gray; 4080. LS: It-md grayish brown; vf-xtal; dense; dull fluor										_
			compared to above; mostly dense; no visible porosity; N.S.										<u>_</u>
B-zone			LS: It-md grayish brown; vf-xtal; dense to chalky in										
3			part; trc opaq chert; no visible porosity; N.S.										_
D-zone		4100	LS: It brown; mic-vf xtal; dense to chalky in part; opaq chert; poor porosity; N.S.										
\		41	LS: white to It brown; vf-xtal; sli. chalky; opaq.										
			chert; no grains; dense; poor porosity at best: N.S.										
			LS: It-md brown; mic-vf xtal; dense; no visible porosity; N.S.										
con 4127 ©													
			LS: It-md brown; mic-vf xtal; roughj textured in part; trc pin-pt porosity; dull fluor; N.S.										<u> </u>
		0											
G-zone		4150	LS: It brown; vf-xtal; oolitic to oomoldic; poor										
	0		oomoldic porosity; dull fluor; N.S.; traces 4180, incr 4190.										
	:01		LS: as above.										
			LS: It brown; mic-vf xtal; chalky; no grains; dull fluor; poor porosity; N.S.										
			LS: It-md grayish brown; vf-xtal; dense; sli chalky in part; no grains; smooth; no visible porosity; N.S.										<u></u>
			,										
0 ROP 15		4200	LS: as above.	0				Hot-	Wire				100
Muncie			MUNCIE 4213 (-1431) Shale: black: carbonaccous: 5% 4218 40m	-MUF	-CO:	4218	VIS 5	0, W	Г 9.3 .	FIL 7	2, CH	L 250), —
4218 · ⊙			Shale: black; carbonaceous; 5% 4218-40m. LS: md-dk grayish brown; vf-xtal; sli fos-frag; trc smokey chert; dense; N.S.	LCM	2#.								=
H-zone			LS: It brown; mic-vf xtal; opaq. chert; sli chalky in										
4000			part; even dull mineral fluor; dense, platey; N.S.	DAY 423		DRILI	LER O	VER-D	RILLE	D STO	OP PO	NT AT	
4238 🔾			LS: It brown; mic-vf xtal; trace chert; chalky in part; even dull mineral fluor; dense, platey; N.S.										
		4250	Shale: dk gray to black;										
			LS: It-md brown; vf-xtal; dense; N.S.										
			LS: white to It brown; mic-vf xtal; smooth, no grains, somewhat chalky; platey; sli granular; even whitish mineral fluor; no visible porosity; N.S.										
4276 0													
J-zone													
4294	Ø		LS: It brown; vf-xtal; med to coarse oomoldic porosity; dull fluor; N.S., 50% 4394-40m.										
		4300	LS: It-md brown; mic-vf xtal; dense; N.S.										_

Shale: black; carbonaceous; 1-2% 4321-20m.

LS: It gray; mic-vf xtal; soft non-fluor chalk; marly;

LS: white to It gray; mic-vf xtal; very chalky; opaq. chert; almost no fluor; poor apparent porosity; N.S.,

LS: white to It gray; mic-vf xtal; very chalky; opaq fos chert; soft chalk; almost no fluor; poor porosity;

HUSHPUCKNEY 4354 (-1572) (CORRECTED TOP)

LS: md brown; vf-xtal; granular; fos-frag; tight; only dull fluor; N.S.; 4363-20m.

LS: It grayish brown; vf-xtal; sli granular or fos-frag;

LS: md-dk grayish brown; vf-xtal; semi-trans cherts;

LS: md-dk grayish brown; vf-xtal; minor opaq. chert;

Shale: black; trace 4360, sli incr 4363. LS: dk brown; vf-xtal; dense, blocky; looks siliceous; brittle; distinctive; no visible porosity;

N.S.; starts 4360, incr 4363,

dull fluor; tight; N.S.

Shale: dik gray, green;

MARMATON 4417 (-1635)

dense, platey; N.S.

LS: as above.

LS: as above, chalky in part; N.S.

fos-frag in part; mostly dense; N.S.

LS: It brown; mic-vf xtal; chalky; N.S.

ROTARY TOTAL DEPTH 4450 (-1668)

CIRC 20 MIN AT 4354', VIS 58, WT 9.1

Hot-Wire MUD-CO: 4450: VIS 62, WT 9.3, FIL 8.8, CHL 3500,

LOGGERS HIT BRIDGE AT 950' ON FIRST ATTEMPT. RAN PARTIAL TRIP IN HOLE & CIRC. SECOND

ATTEMEPT HIT BRIDGE 30' DEEPER. A SECOND OPEN-ENDED EFFORT TO CLEAR THE BRIDGE WAS

SUCCESSFUL AND LOGS WENT TO BOTTOM.

CIRC 90 MIN BEFORE LOGS.

MIDWEST WIRELINE LTD 4448'-

STARK SH 4312 (-1530)

dense; poor porosity; N.S.

4321

RTD 4450 07/26-9:35 am

LS: dk brown; vf-xtal; dense; N.S.



CHARGE TO. TALON GROUD
ADDRESS
CITY, STATE, ZIP CODE

TICKET

33738

PAGE

유

on this ticket.	the materials and services listed	by acknowledges receipt of	AND SERVICES The customer hereby	OMER ACCEPTANCE OF MATERIALS AN	SWIFT OPERATOR ()
TOTAL 44/63	MITH OUR SERVICE? YES NO NO NOT WISH TO RESPOND	ARE YOU SATISFIED WITH C	785-798-2300	TIME SIGNED THE A.M.	DATE SIGNED V
Hame 201	PMENT	WE OPERATED THE AND PERFORMED JO CALCULATIONS SATISFACTORILY?	P.O. BOX 466 NESS CITY, KS 67560	USTOMER'S AGENT PRIOR TO ODS.	MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT START OF WORK OR DELIVERY OF GOODS. ** Control of Work of Customer's Agent Start of Work or Delivery of Goods. ** Control of Work of Customer's Agent Start of Work or Delivery of Goods. ** Control of Work or Delivery of Control of Wo
FUZ.	ΕΙ ΑΥ?	MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DE	SWIFT SERVICES, II	, וולר האסר,	
PAGE TOTAL 44	AGREE UNDECIDED DISAGREE	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	REMIT PAYMENT T	y acknowledges and agrederse side hereof which includes RFI FASF INDEMNITY	LEGAL TERMS: Customer hereb the terms and conditions on the revenue but are not limited to PAYMENT.
95 3	324,2 m	16	3941480		383
185 30	165 Sus	-(SERVITE CHARGE CEMENT		\$82 1
42,00	2 GAL		D-ATR		290
	3 SKS		BESTEVINE GEL		779
8	8 sks		CALCOUM CHICATASE		278
13 50 222	165 Sis		STANDARD CEMENT		325
8	1 30B 267 F	LOW SURFACE	Hump CHARGE - SHAUS		2465
500 200 I	HOME		MILEAGE 1114		575
UNIT AMOUNT	QTY. U/M QTY. U/M			ARY REFERENCE/ ACCOUNTING TO NUMBER LOC ACCT DF	PRICE SECONDARY REFERENCE PART N
NOTHING KS			-	STRUCTIONS	REFERRAL LOCATION
ر د	WELL PERMIT NO.	CODKAPS	L CATEGORY JOB PURPOSE		4.
	DELIVERED TO O	NO. SHIPPED	NRTILITAGE RIG	SERVICE SOUTHWIND	در ا ω
ATE OWNER S		ANS STA	HEATH	コーツ	SERVICE LOCKMONS
			אור, אוי ססטר		Services, Inc.

SWIFT OPERATOR

TISON

APPROVAL

Thank You!

JOB LOG DATE PAGE NO. SWIFT Services. Inc. 7-19-2021 **CUSTOMER** WELL NO. JOB TYPE SURFACE LEASE TICKET NO. IALON GROUP HTA3H ST. 33738 CHART VOLUME (BBD) (GAL) **PUMPS** RATE TIME PRESSURE (PSI) DESCRIPTION OF OPERATION AND MATERIALS (BPM) **TUBING** CASING ON LOCATION - PULLENG D.P. 70-267 SET e 264 7P-267 15' CEMENT LEFT IN CASING ಯ BREAK CORCULATION - MUD PUMP 14.7 PPG 200 MX CEMENT - 165 SKS STANSARD 2/3GEL, 3 /3000 0025 40 16/2 003ಳ Ь 250 DISPLACE CEMENT 0038 CEMENT DISPLACED - SHOT IN CARCULATED 20 SKS CEMENT TO PET WASH TRUCK JOB COMPLETE 0130 WAWE, BUTWE, ISAAC