KOLAR Document ID: 1468481

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:
	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?
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)
Described	Chloride content: ppm Fluid volume: bbls
☐ Commingled     Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if flauled offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
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: 1468481

#### 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	ed Type and 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:			DN INTERVAL: Bottom	
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT	
,	,			B.11 B1					
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	Δ+-	Packer At:					
TODING RECORD:	. 3126.	Set	n.	i donei Al.					

Form	ACO1 - Well Completion
Operator	Mike Kelso Oil, Inc.
Well Name	SWARTZ 3-20
Doc ID	1468481

## All Electric Logs Run

Dual Comp Porosity Log
Dual Induction Log
Microresistivity Log
Bond Log

Form	ACO1 - Well Completion
Operator	Mike Kelso Oil, Inc.
Well Name	SWARTZ 3-20
Doc ID	1468481

## Tops

Name	Тор	Datum		
Anhydrite	1501	+721		
Base/Anh	1533	+689		
Heebner	3626	-1404		
Toronto	3644	-1422		
Lansing	3668	-1446		
B/KC	3933	-1711		
Pawnee	4016	-1794		
Ft. Scott	4107	-1881		
Cherokee Sand	4120	1889		

Form	ACO1 - Well Completion
Operator	Mike Kelso Oil, Inc.
Well Name	SWARTZ 3-20
Doc ID	1468481

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.62	20	277	60/40poz	225	2%gel 3% calcium chloride
Production	7.875	4.5	10.50	4270	60/40poz	190	2%gel 12%salt



#### TREATMENT REPORT

ACIU	& Cemen	IL MAN						Acid Stage No	).	
					Type Treatment: Amt.		Type Fluid	Sand Size	Pounc	s of Sand
Date :	3/12/2019	District GB	F.O. N	No. C46786	Bkdown					3 01 38110
15-7-7-7	Mike Kelso C					Bbl./Gal.				
Well Nam	e & No. Swartz	3-20								
Location			Field			Bbl./Gal.				
County	Ness		State KS		Flush					
					Treated from	-0	ft. to	ft.	No. ft.	0
Casing:	Size 8 5/8	3" Type & Wt	e	Set atft			ft. to		No. ft.	0
Formation			5 V25		from		ft. to		No. ft.	0
Formation	1:		Perf.	to	Actual Volume of Oil / Wate					Bbl./Gal.
Formation			Perf.			. 10 2000 110		- 5		
			Top at ft.		. Pump Trucks. No. Used	· 5td	318 cn		Turin	
			from		Auxiliary Equipment	. stu		0/308	- rwin	
					Personnel Nathan-Mike	i i	300	7300		
	Perforated :		n. to		. Auxiliary Tools					
	10000 40000 500000				-					
Open Hole	Size	TO	6 D	B. to ft.	Plugging or Sealing Material	s: Type				
Орентной	. 5/20		ft. P.		L -			Gals.		lb.
	n		Miles	,						
	Representative		Mike K		Treater		Nathan \	N.		
TIME a.m./p.m.		SSURES	Total Fluid Pumped			REMARKS				
8:30	rubing	8 5/8"	+	On Location.						
0.30		0 3/ 0	1	On Location.						
		-		11-1-2021						
		-		Hole-282'						
				Pipe-277'						
				Break circulation	n with mud pump					
				Mix 225sks 60/4	Opoz 2%gel 3% C	Calcium	Chloride.			
2:15				Displace with 15	.75bbls at 4bpm-	300# 0	Circulated ce	ment to	surface	2.
				Thank You!						
				Nathan W.						
										-
		1								
	- Anne									



## FIELD ORDER Nº C 46810

BOX 438 • HAYSVILLE, KANSAS 67060

	State r Order No State k, the hereinbeform as made no representation of the consideration of the	AMOUNT
City  Treat Well S Follows: Lease  County  Well No. 3-20  Customer  County  Well Service is to service or treat at owners rise  It to be held liable for any damage that may acrue in connection with said service or treat at owners rise  It to be held liable for any damage that may acrue in connection with said service or treat at owners rise  County  Well obseque or treat at owners rise  Well obseque to the service is to service or treat at owners rise  Customer  County  Well obseque to the service is to service is to service he cannot be accused to the service is to service he customers is a connection with said service or treat at owners rise  Customer  County  Well obseque or treat at owners rise  Well owner or offect of the service he day.  By  Coole and the results of the service is to service he customers is a connection with said service or treat at owners rise  Customer  County  Well owner or offect of the service he day.  By  Coole and a cordance with latest published price schedules.  By  Coole and a cordance with latest published price schedules.  By  Coole and a cordance with latest published price schedules.  By  Coole and a cordance with latest published price schedules.  By  Coole and a cordance with latest published price schedules.  By  Coole and a cordance with latest published price schedules.  By  Coole and a cor	State	AMOUNT
Treat Well s Follows: Lease Swartz Well No. 3-20 County Ness County Co	State	AMOUNT
SFOILOWS: Lease With Items (County) Resserved that Copeland Acid Service is to service or treat at owners rise to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service he piled, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said valuement is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. It invoicing department in accordance with latest published price schedules.  The undersigned represents himself to be duly authorized to sign this order for well owner or operator.  IIS ORDER MUST BE SIGNED FORE WORK IS COMMENCED  Well Owner or Operator  CODE  QUANTITY  DESCRIPTION  2  30  M. turge Purp Fruck  Purp Charge - Langs from  Lang	State	ore mentioned well and esentation, expressed eration of said service a subject to correction.  AMOUNT 120 %
DNDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid Service is to service or treat at owners rist to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service held held to make the held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service held held to make the results or effect of the servicing or treating said we have the results or effect of the servicing or treating said we have the results or effect of the servicing or treating said we have the results or effect of the servicing or treating said we have the results or effect of the servicing or treating said we have the results or effect of the servicing or treating said we have the substitution of the servicing or treating said we have the results or effect of the servicing or treating said we have the results or effect of the servicing or treating said we have the results or effect of the servicing or treating said we have the results or effect of the servicing or treating said with a servicing or treating said we have the results or effect of the servicing or treating said with a servicing or treating said wit	Agent UNIT COST	AMOUNT
to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service he piled, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said valuent is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. It invoicing department in accordance with latest published price schedules.  The undersigned represents himself to be duly authorized to sign this order for well owner or operator.  IIS ORDER MUST BE SIGNED  FORE WORK IS COMMENCED  Well Owner or Operator  CODE  QUANTITY  DESCRIPTION  2  30  M. large Park Uf  Purp Charge - Large fring  2  650  Gallons Mud Flush  2  210  Sacles 60/40 2% Geel  2 1 2% Add fring  CODE  2 100  Pownels Fine Salt  2 100  Pownels Fine Salt  2 100  Pownels Gilson'te  2 100  Pownels C-4114  2 100  Pownels C-4114  2 100  Founds C-4114  Founds C-4	Agent UNIT COST	AMOUNT
CODE QUANTITY DESCRIPTION  2 30 M. leage lung Truck  2 30 M. leage lung Truck  2 lung Charge - Langstring  2 loso Gallens Mud Flush  2 210 Sacles 60/402% Gel  2 1 2% Additional bel  2 750 Rounds Fine Salt  2 100 founds (-474)	UNIT COST Y = 2	AMOUNT 120 %
CODE QUANTITY  2 30 M. Kraze Pump Truck  2 30 M. Kraze Pick UP  2 Pump Charge - Langstring  2 650 Gallens Mud Flush  2 210 Sacles 60/402% Gel  2 1 2% Add truck bel  2 900 Pounds Fine Salt  2 750 Pounds Gilson'te  2 100 Pounds C-47A  2 100 Pounds C-47A  2 100 Founds C-47A	UNIT COST Y = 2	AMOUNT 120 %
2 30 M. leage Pump Truck 2 30 M. leage Pick up 2 Pump Charge - Langstrong 2 650 Gallens Mud Flush 2 210 Sacles 60/40 2% Goel 2 1 2% Add From 1 Gel 2 900 Pounds Fine Salt 2 750 Pounds Gilson'te 2 100 Pounds C-41A 2 100 Pounds C-41P 2 100 Founds C-41P 2 10 Founds C-41P	COST Y = 2	120°°
2 30 M. Nage Pick up 2 Pump Charge - Langstrong 2 650 Gallens Mud Flush 2 210 Sacles 60/40 2% Gel 2 1 2% Add trans Gel 2 900 Pounds Fine Salt 2 750 Pounds Gilson'te 2 100 Pounds C-47A 2 100 Pounds C-47A 2 100 Pounds C-47P 2 100 Founds C-47P	200	6000
2 Pump Charge - Langstrong 2 650 Gallens Mud Flush 2 210 Sacles 60/40 2% Gel 2 1 2% Add Front Gel 2 900 Pounds Fine Salt 2 750 Rounds Gilson'te 2 100 Pounds C-47A 2 100 Pounds C-47A 2 1/2" Tubbe Centralizers 2 3 4'2" Baylet 2 1 Insert Float Shoes		6000
2 GSO Gallens Mud Flush 2 210 Sacles 60/40 2% Gel 2 1 2% Add Front Gel 2 900 Pounds Fine Salt 2 750 Pounds Gilson'te 2 100 Pounds C-47A 2 100 Pounds C-47A 2 100 Pounds C-47A 2 1/2" Tubbe Centralizers 2 3 4'12" Basket 2 1 Insert Float Shoes		
2 210 Sacles Mud Flush 2 210 Sacles 60/402% Gel 2 1 2% Additional Gel 2 900 Pounds Fine Salt 2 750 Pounds 6: Ison'te 2 100 Pounds C-47A 2 100 Pounds C-4/P 2 100 Sounds C-4/P 2 1 Insert Float Shoes		1600€
2 210 Sacles 60/402% Gel 2 1 2% Additional Gel 2 900 Pounds Fine Salt 2 750 Pounds 6: Ison'te 2 100 Pounds C-47A 2 100 Pounds C-47A 2 100 Pounds C-41P 2 3 4'r' Tubbe Centraliners 2 3 Timeset Float Shoes	035	48750
2 1 2% Add Franch Gel 2 900 Pounds Fine Salt 2 750 Pounds Gilson'te 2 100 Pounds C-47A 2 100 Pounds C-41P 2 6 4/2" Tubbe Centralizers 2 3 4're" Baylet 2 1 Insert Float Shoes	1025	22575
2 900 Pounds Fine Salt 2 750 Pounds 6: Ison'te 2 100 Pounds C-47A 2 100 Pounds C-41P 2 6 4/2" Tubbe Centralizers 2 3 4'12" Bayket 2 1 Insert Float Shoes	22 00	22 00
2 750 Rounds 6: Ison'te 2 100 Pounds C-47A 2 100 Pounds C-41P 2 6 4/2" Tubbe Centraliners 2 3 4'12" Bayket 2 1 Insert Float Shoes	025	22500
2 100 Pounds C-47A 2 100 Pounds C-41P 2 6 4/2" Tubbe Centraliners 2 3 4'n" Bayket 2 1 Insert Float Shoes	035	56250
2 100 founds C-418 2 6 4/2" Tubbe Centraliners 2 3 4'n" Basket 2 1 Insert Float Shoes	8 50	85000
2 6 Yhi" Tubbe Centralners 2 3 Y'ri" Bayket 2 1 Insert Float Shoes	375	37500
2 3 Y'r' Basket 2 1 Insert Float Shoes	850€	51000
2 1 Insert Float Shoes	15500	46500
2 1 Y'z" Port Coller	2850	28500
	190000	190000
248 Bulk Charge	125	31000
Bulk Truck Miles 10.912 Tx 30miles - 327.36 TM	1'0	36019
Process License Fee on Gallons	+	30
TOTAL BILLING	15%	10389 60
I certify that the above material has been accepted and used; that the above service was perform manner under the direction, supervision and control of the owner, operator or his agent, whose s		
Copeland Representative Greg C.	, , –	
Station Station	Lelso	3831.16
Remarks	ator or Agent	



#### TREATMENT REPORT

Acid Stage No.

Data 3	1/21/2019 n	victoriet GR	F.O. N	a 46810	Type Treatment:		Type Fluid		Pound	s of Sand		
	MIKE KELSO	17	F.O. N	0. 40010	Bkdown	Bbl./Gal.						
	e & No. SWARTZ					Bbl./Gal.	-					
Location			Field									
County	NESS		State KS		Flush	Bbl./Gal.						
County	14233		3000 113									
	4.410	1	44.6	2000			ft. to		No. ft			
Casing:		Type & Wt.		Set at ft.			ft. to		No. ft.	0		
Formation	:		Perf	to	fromft. toft. No. ft0							
Formation	:		Perf	to	Actual Volume of Oi	il / Water to Load Ho	ole:			Bbl./Gal.		
Formation	:		Perf.	to								
Liner: Si	zeType &	Wt	Top atft.		Pump Trucks.	No. Used: Std.	320 Sp.		Twin			
9	Cemented: Yes	▼ Perforated fr	om		ft. Auxiliary Equipment 327							
Tubing:	Size & Wt.		Swung at	ft.	Personnel ALAN (	GREG CLARENCE	MIKE			_		
Perforated fromft. to					Auxiliary Tools							
				The second of	Plugging or Sealing I	Materials: Type		reprise to the	-	-		
Open Hole	Size	T.D.	ft. P.	B. to ft.	200000000000000000000000000000000000000	,,,-		Gals	-	lb.		
									-			
Company	Donrocontativo		MIKE KEI	so	Tenator		GREG C	LIDTIC				
	Representative		I IVIIKE KEI	.50	Treater		GKEG C	OKIIS				
TIME	Tubing	SURES Casing	Total Fluid Pumped			REMARKS						
a.m./p.m.	Tubing	Casing		ONLOCATION					_			
8:30				ON LOCATION								
				TALLY PIPE. CEN		N JTS 1,3,6,	7,68,70. B	ASKETS ON	1 JTS 4,	5,		
				70. PORT COLLA	R @ 1548'.							
4:25				CIRCULATE HOLE	FOR 1 HOU	IR						
				PUMP 650 GALL	ONS MUD FI	LISH AND 5	BBI S H20					
				TOWN 050 GALL	ONS WIDD IT	LOSIT AIVE S	DDES 1120.					
				DILIC BATUOLE	AUTU OF CVC							
				PLUG RATHOLE	WIII 25 3K3	<u> </u>						
					7.2 7.7		/	/ 051 / 00/				
				PUMP 40 SKS 60				6 GEL 12%	SALI,			
				5#/SK GILSONITE	E, 3/4% C-47	A AND 3/49	6 C-41P.					
				SHUT VALVE, KN	OCK OFF HO	SE, AND RI	NSE LINE O	UT. RELEA	SE PLU	G.		
				DISPLACE WITH	65.6 BBLS O	F H20. PLUG	LANDED A	AND HELD				
				DIOT ETTOE TITLE								
				JOB COMPLETE								
6:15				JOB COMPLETE								
				T								
				THANK YOU!!!								
			<b></b>									

**OPERATOR** 

Company: Mike Kelso Oil, Inc. Address: P.O. Box 467

Chase, KS 67524-0467

Contact Geologist: Mike Kelso
Contact Phone Nbr: (620)-938-2943
Well Name: Swartz #3-20
Location: Section 10-17S-21W
API: 15-135-26049-00-00

Pool: Oil Field: Wildcat State: Kansas Country: USA

Scale 1:240 Imperial

Well Name: Swartz #3-20 Surface Location: Section 10-17

Surface Location: Section 10-17S-21W
Bottom Location: 1208' FSL \_3642' FEL

API: 15-135-26049-00-00

License Number: 31528

Spud Date: 3/12/2019 Time: 1:30 PM

Region: Ness, County

Drilling Completed: 3/21/2019 Time: 5:35 PM

Surface Coordinates: 1208' FSL & 3642' FEL

**Bottom Hole Coordinates:** 

Ground Elevation: 2313.00ft
K.B. Elevation: 2220.00ft

Logged Interval: 0.00ft To: 0.00ft

Total Depth: 4270.00ft Formation: Cherokee

Drilling Fluid Type: Chemical/ Polymer

SURFACE CO-ORDINATES

Well Type: Vertical

Longitude:

Latitude:

N/S Co-ord: 1208' FSL E/W Co-ord: 3642' FEL

LOGGED BY

Company:

Address: 1407 N. Stratford Ln.

Wichita, KS 67206

Phone Nbr: (316)-619-5574

Logged By: Geologist Name: Patrick J Denihan

CONTRACTOR

Contractor: Sky Top.

Rig #: 1

Rig Type: mud rotary

 Spud Date:
 3/12/2019
 Time:
 1:30 PM

 TD Date:
 3/21/2019
 Time:
 5:35 PM

 Rig Release:
 3/22/2019
 Time:
 5:30 AM

**ELEVATIONS** 

K.B. Elevation: 2220.00ft Ground Elevation: 2313.00ft

K.B. to Ground: 7.00ft

**NOTES** 

Surface Casing: 8-5/8" at 282'

Production Casing: 4.5" @ 4270'

Daily Penetration:

03/11/10 Spud well @1:30 PM

03/11/17	Space wen (@1.50 i	171
03/12/19	282'	
03/13/19	920'	
03/14/19	1631'	
03/15/19	2275'	
03/16/19	2800'	
13/17/19	3382'	****
03/18/19	3737'	****
03/19/19	4017'	****
03/20/19	4088'	****
03/21/19	4165'	****

#### **DRILL STEM TESTS**

(4064'-4089) Ft. Scott 30" - 30" - 10" - Flushed Tool (Pulled Test)

IF; Built to 2.25" FF: few Bubbles, Died REC: 50' Mud- Few Oil Spots In Tool.

SIF: 38#/44# ISIP: 478# No Final S.I.P. FIF: 17#/32#

IHP: 2071# FHP: 2065#

#### **GEOLOGICAL TOPS**

Formation	Sample Top	Datum Log Date		Datum	Comparison*
			_		_
Anhydrite	1503'	+ 719	1501'	+ 721	-3
Base/Anh	1536'	+ 686	1533'	+689	Flat
Heebner	3627'	-1405	3626'	-1404	-1
Toronto	3647'	-1425	3644'	-1422	+2
Lansing	3669'	-1447	3668'	-1446	Flat
B/KC	3936'	-1714	3933'	-1711	Flat
Pawnee	4016'	-1794	4016'	-1794	-3
Ft. Scott	4105'	-1883	4107'	-1881	+4
Cher. Sh. Conglom.	4121'	-1890	4120'	-1889	+3

Comparison well: Downing-Nelson Oil Co., Inc.'s Swartz # 1-10. Located Sec:10-T17S-R21W of Ness Co., Ks. Spot Location: 1510FSL & 1910 FWL.

#### **ROCK TYPES**





Coal Congl



Lmst fw7>



shale, gry

#### **OTHER SYMBOLS**

#### **POROSITY TYPE**

- × Intercrystalline
- Φ Intercolitic V Vuggy

- F Fracture e Earthy
- P Pinpoint Moldic کہ O Organic
- **SORTING**

- m Medium
- P Poor
- vP Very Poor
- w Well mw Medium Well
  - A Angular a Subangular
    - R Rounded r Subrounded

**ROUNDING** 

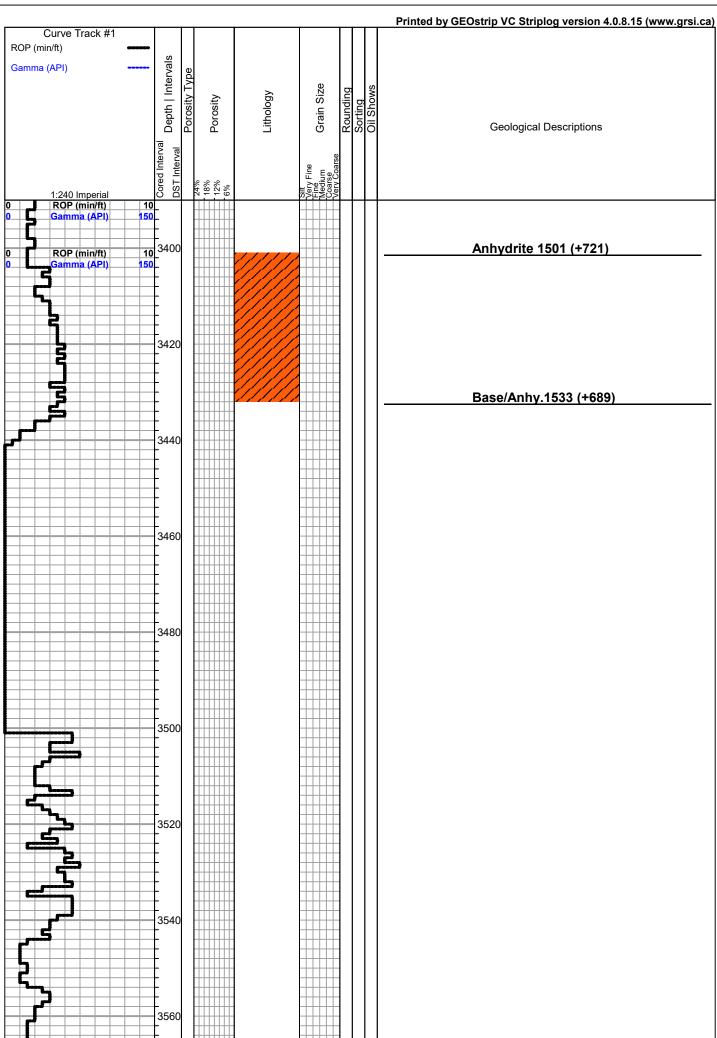
vA Very Angular

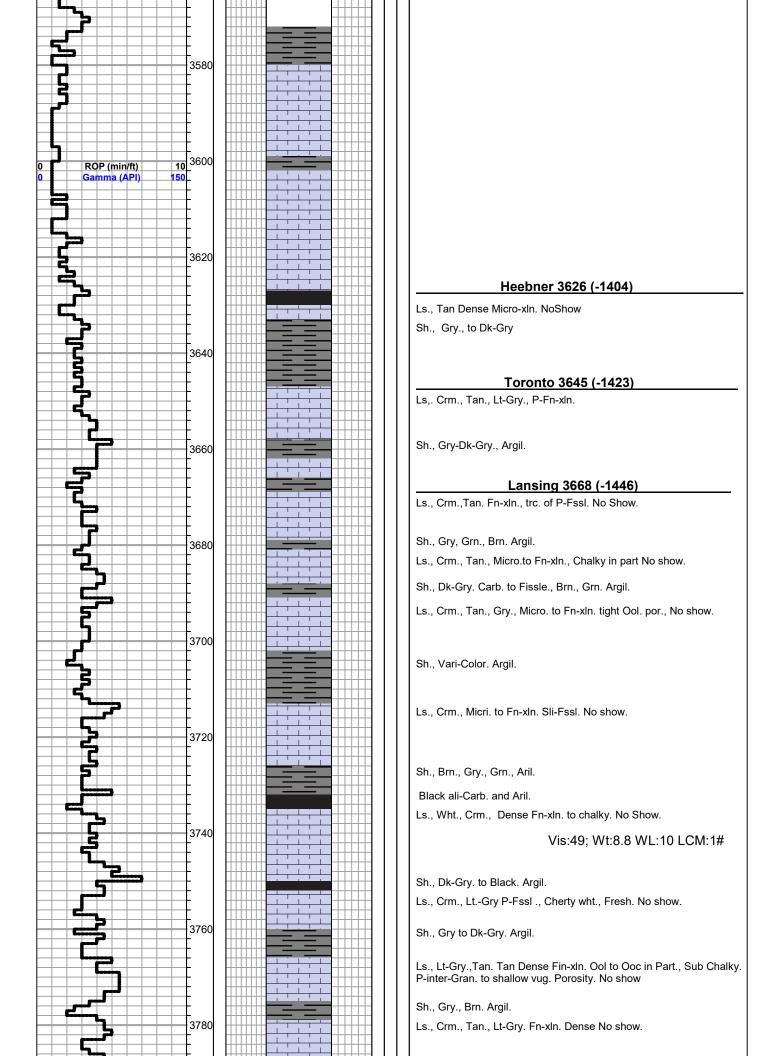
wR Well Rounded

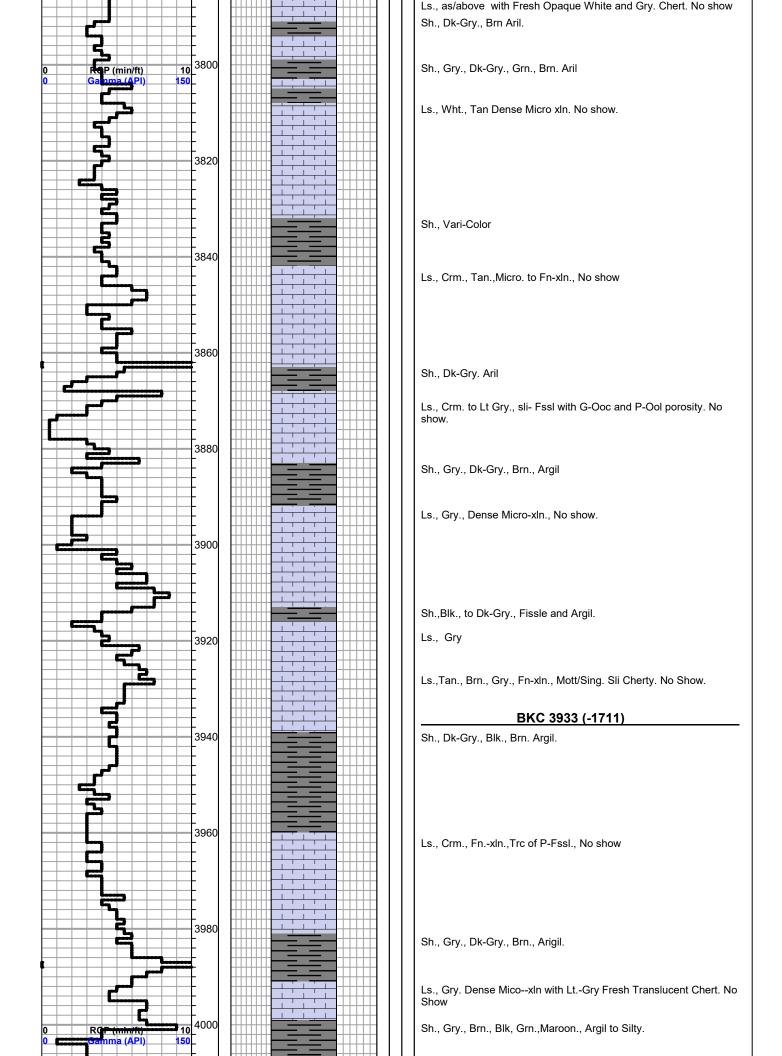
- **OIL SHOWS**
- Even Stn
- Spotted Stn 50 75 %
- Spotted Stn 25 50 % O Spotted Stn 1 - 25 %
- O Questionable Stn
- D Dead Oil Stn
- **■** Fluorescence

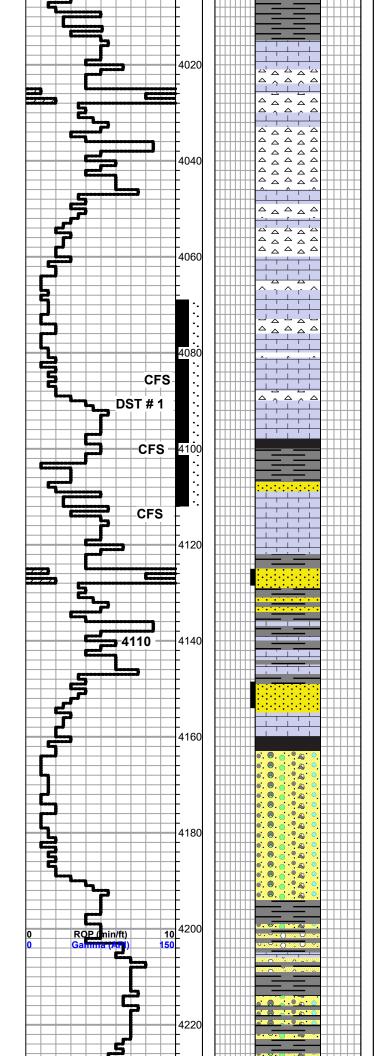
#### **INTERVALS**

Core · DST









#### Pawnee 4014 (1792)

Ls., Wht., Crm., Lt-Gry. Micro-xln., Sli-Dolomitic and clear Translucent Chert. No show.

Ls., Wht., Crm., Micro-xln. Abundant Wht. and Tan Translucent Chert. No show.

Chert. Wht., Fresh Sharp to V-SLI-Weathered Lt-Gry., Gry Translucent to Opaque. No Vis. Por, No show.

Vis: 53; Wt: 9.1; WL: 10.4 LCM: 1#

Lm., and Chert as/above.

Ls., Lt-Gry to Gry., Micro-xln. trc of Chert. No show.

Sh., Blk. Carb

#### Ft. Scott 4107 (-1885)

SS., Fn to Med. Well-Rd grns. Rare Clusters Carry sli -to Gd show of Light Brn., Live Free Oil. F-Fluor No Odor.

Ls., Wht., Crm., Fn-xln Cherty No show.

#### Cher. Sh. 4120 (-1898)

#### Cherokee A Sand

SS., Micro-Grn., Well-Rd., Sli-Fluor., No Odor. No Show of Live oil.

SS. as/above Shaley

Sh., Vari-Color inter-bedded With Crm., Lt-Gry., & Gry Dense Fnxln.,No show

Vis: 55; WT:9.2; WL:8; LCM:2.5#

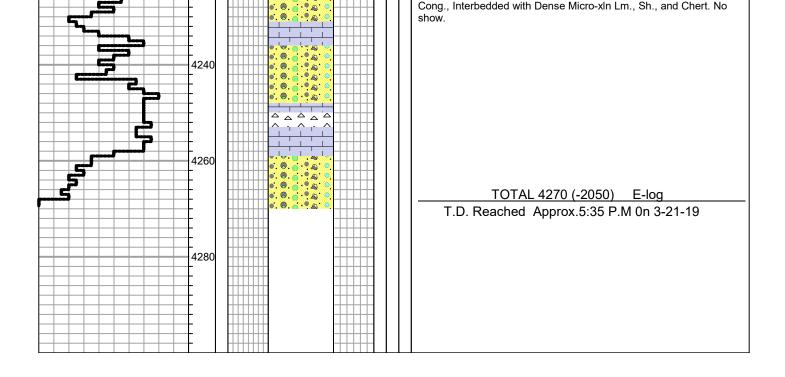
#### **Cherokee B Sand**

SS., Fn., Grn., Sorted to Well sorted Well-RD. No Free Oil., No Odor \. Sli-Fluor.

Sh., Black Carb

Conl., Abund Vari-Color. Chert & Shale (Fresh) SS., Clear Sub-Rd. to Sub Angular. No show

Sh., Gry., to Vari- Color., Maroon., Gry., Grn. Yellow Brn and Orange)





#### DRILL STEM TEST REPORT

Mike Kelso Oil Inc

10/17S/21W/Ness

PO Box 467

Swartz 3-20

Chase, Kansas 67524+0467

Job Ticket: 65655

DST#: 1

ATTN: Pat Deenihan

Test Start: 2019.03.20 @ 07:58:00

#### GENERAL INFORMATION:

Time Tool Opened: 11:06:32

Time Test Ended: 14:44:02

Formation:

Ft. Scott

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Ken Sw inney

Unit No:

72 Hays/78

Interval:

4069.00 ft (KB) To 4112.00 ft (KB) (TVD)

Reference Bevations:

2222.00 ft (KB)

Total Depth:

2215.00 ft (CF)

Hole Diameter:

4112.00 ft (KB) (TVD)

7.80 inchesHole Condition: Fair

KB to GR/CF:

7.00 ft

Serial #: 8365

Inside

Press@RunDepth:

32.07 psig @

4070.00 ft (KB)

Capacity:

Start Date: Start Time: 2019.03.20 07:58:00

End Date: End Time: 2019.03.20 14:44:02 Last Calib .: Time On Btm: 2019.03.20

Time Off Btm:

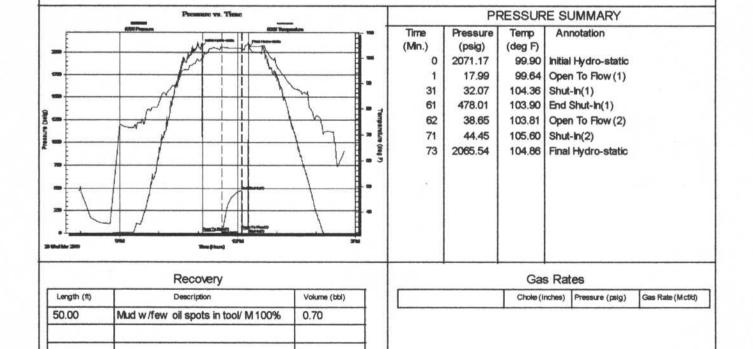
2019.03.20 @ 11:05:32 2019.03.20 @ 12:17:47

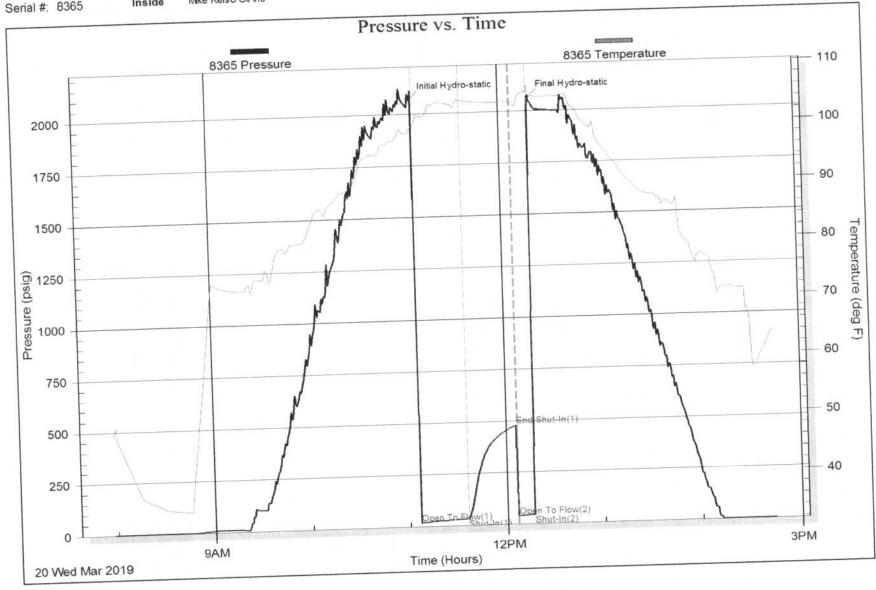
TEST COMMENT: IF

30 Minutes/ Blow built to 2 1/4 inch

ISI 30 Minutes/ No blow back

FF 10 Minutes/ Few bubbles at open then dead/ Flush tool/ Weak surface blow no build/ Pull test





# Acid & Cement

#### TREATMENT REPORT

Acid &	Cemen	t 🕮		
				Type Treatment: Amt. Type Fluid Sand Size Founds of Sand
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16-7-19 000 GT BEND 000 46770				California and the company of the co
Descriptions ALICE ACT To the Control of the Contro			3-20	The state of the s
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WHILE NE	<u> </u>		Hute / \	Transaction of the Committee of the Comm
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Pertuited			Perf	Actual Valume of Citi / Water by Lond Hole: Bbl. / Gal.
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1 total - 12 total	Type & Wt	and a delegate to the control of the	Top at	t. Bottom at
Crime	need: Yes/Inp.	Performed from	<b>M</b>	At the second of Australia Burgment 26 770
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TIME	yp.na.	Casing	Total Finid Pumped	••••••
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741		1	-	Toll Cahalete
$-7\pi$				
	- 10 10 10		1	

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



Phone: 316-337-6200 Fax: 346-337-6211 http://kcc.ks.gov/

Dwight D. Keen, Chair Shari Feist Albrecht, Commissioner Susan K. Duffy, Commissioner Laura Kelly, Governor

August 12, 2019

Mike Kelso Mike Kelso Oil, Inc. PO BOX 467 CHASE, KS 67524-0467

Re: ACO-1 API 15-135-26049-00-00 SWARTZ 3-20 SW/4 Sec.10-17S-21W Ness County, Kansas

Dear Mike Kelso:

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 03/12/2019 and the ACO-1 was received on August 12, 2019 (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**