KOLAR Document ID: 1650363

Confident	tiality Re	equested:
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	& I FASE
	III JIONI	- DESCRIF HOR		a LLASL

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:
☐ Oil ☐ WSW ☐ SWD □ Gas □ DH □ EOR	Elevation: Ground: Kelly Bushing:
	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?
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)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #: GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Reached TD Completion Date of 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:				

KOLAR Document ID: 1650363

Operator Nar	ne:			Lease Name:	Well #:
Sec	Twp	S. R	East West	County:	

Page Two

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 (Attach Additional Sh	acate)	Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c] Ne	w Used rmediate, productio	on. etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Use	Used Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone									
 Did you perform a hydra Does the volume of the Was the hydraulic fracture 	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM	MPLE	TION:		PRODUCTIC Top	DN INTERVAL: Bottom
Vented Sold Used on Lease Open Hole Perf.			-	·	nit ACO-4)	юр	Bollom		
Shots Per Perforation Perforation Bridge Plug Bridge Plug Foot Top Bottom Type Set At		Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)			
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	KRAMER-SCOTT UNIT 1-17
Doc ID	1650363

All Electric Logs Run

Sonic
Micro
Dual Induction
Compensated Density Neutron

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	KRAMER-SCOTT UNIT 1-17
Doc ID	1650363

Tops

Name	Тор	Datum
Top Anhydrite	3010'	+286
Base Anhydrite	3044'	+252
Foraker	3686'	-390
Topeka	3968'	-672
Heebner	4134'	-838
LKC	4186'	-890
Stark	4383'	-1087
ВКС	4440'	-1144
Marmaton	4448'	-1152
Pawnee	4562'	-1266
Cherokee Shale	4643'	-1347
Morrow	4786'	-1490
Mississippi	4828'	-1532

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	KRAMER-SCOTT UNIT 1-17
Doc ID	1650363

Casing

	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	24	439	H-325	350	-



		a tata wa			a na ana ao amin' ao amin'		gan, yang distanta tang sang sa	antelana ante 1800 de la como en esta
EMENT	TRE	EATMENT REPORT						
Cust	tomer	Downing	g Nelso	n Oil Co Inc	: Well:	Kramer Scott Unit #1	WP 2896	
City,	State:	Oakley I	(S		County:	Rawlins KS	Date:	6/4/2022
Field	d Rep:	Carlos		·	S-T-R:	17-5S-36W	Service:	
alian ya sheka ja a		and the state						
Dowi	nhole	Informatio	m		Calculated S	iurry - Lead	Cal	culated Slurry - Tail
	Size:	· · · · · · · · · · · · · · · · · · ·	in		Blend:	H-325	Blend	
Hole I		· · · ·			Weight:	14.8 ppg	Weighti	· · · · · · · · · · · · · · · · · · ·
Casing			in		Water / Sx:	6.9 gal / sx	Water / Sx:	gal / sx
Casing L		airean an aireania	ft		Yield: _	1.41 ft ³ /sx	Yield:	
Tubing /			in		Annular Bbis / Ft.:	0.0735 bbs / ft.	Annular Bbls / Fta	bbs / ft.
	Depth:		ft		Depth:	ft	Depth:	ft
Tool / Pa		- 14 C			Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool I			ft		Excess:		Excessi	· · · · · · · · · · · · · · · · · · ·
Displace	ment:	29.5	bbls		Total Slurry:	87.8 bbls	Total Slurry:	0.0 bbls
			STAGE	TOTAL	Total Sacks:	350 sx	Total Sacks:	0 sx
TIME	RATE	PSI	BBLs	BBLs	REMARKS			
2:55 AM	1			•	Arrived on location			
3:05 AM	<u> </u>		<u></u>		Safety meeting			
3:15 AM				+	Rigged up	· · · · · · · · · · · · · · · · · · ·		
10:20 AM				-	Casing on bottom		·	
10:26 AM	1				Ciculated mud to pit	· · · · · · · · · · · · · · · · · · ·		
10:39 AM		150.0	5.0	5.0	Wateer ahead	•••••		
10:41 AM		300.0	87.8	92.8	Mixed 350 sacks H-325	cement @ 14.8 ppg		Harvan mananan and a contract of the contract of the second second second second second second second second se
11:04 AM	4.3	200.0	29.5	122.3	Begin displacement	·····	·····	
11:11 AM	1	150,0		122.3		with 5 bbls cement circulated to pit	· · · ·	
11:13 AM				122,3	Wash up and rigged do	wn	· · · · · · · · · · · · · · · · · · ·	· · · ·
11:37 AM				122.3	Left location			
								·
					· · ·	n i i i i i i i i i i i i i i i i i i i	·····	
						NT-1411070-THILE		
						· · · · · · · · · · · · · · · · · · ·	·····	
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				. v. 	10000017-10-	,, <u></u>		
						· · · · · · · · · · · · · · · · · · ·		
				den statistica de la companya de la			ELUMIAR	ale en se de la companya de la comp Na companya de la comp
		CREW			UNIT		SUMMAR	
	nenter:	John		· · ·	.64	Average Rate	Average Pressure	Total Fluid
Pump Op		Jose			208	4.2 bpm	200 psl	122 bbls
	ulk #1: ulk #2:	John John			180-530			



Gusto	omeri	Downing	Nelson	Oil Co Inc	Well:	Kramer Scott Unit #1-	-17 Ticket:	WP 2923					
City, S	itate:	Oakley K	5		County:	Rawlins KS	Date:	6/11/2022					
Field	Rep:	Amelio		· · · · · · ·	S-T-R:	17-5S-36W	Service	РТА					
Down	hole l	nformation			Calculated Si	ırry×Lead	Calcul	ated Slurry - Tail					
Hole	Size:	7,875 i	n		Blend:	H-Plug	Blend:	· · ·					
Hole D		4925 f	t		Weight:	13.8 ppg	Weight:	ppg					
Casing		1			Water / Sx:	6.9 gal/sx	Water / Sxi	gal / sx ft ³ / sx					
asing D			t		Yield:	1.42 ft ³ / sx	Annular Bbis / Ft.:	bbs / ft.					
ubing / I			n		Annular Bbis / Ft.:	0.0406 bbs / ft.	Depth:	ft					
	epthi		t .		Depth:	ft 0.0 bbls	Annular Volume:	0 bbls					
rooi / Pa			ť		Annular Volume: Excess:	0.0 005	Excessi						
Tool D Iisplacei			t obis		Total Slurry:	64.4 bbls	Total Slurry:	0.0 bbls					
пернасен	menu		STAGE	TOTAL	Total Sacks:	255 sx	Total Sacks:	0 s×					
TIME	RATE		BBLS	Contraction of the second second	REMARKS								
2:41 PM			-	-	Arrived on location								
12:51 PM		:	· · · · ·	-	Safety meeting	······							
1:01 PM				-	Rigged up								
	× \						and the second						
1:41 PM	3.0	200.0	5.0	5,0	Water ahead								
1:43 PM	4.0	300.0	12.6	17.6	Mixed 50 sacks H-Plug	cement 13.8 ppg @ 3025'							
1:47.PM	3.0	100.0	5.0	22.6	Begin displacement			<u></u>					
1:52 PM				22.6	Pumped mud with rig p	ump for 2:30 minutes							
				22.6		· · · · · · · · · · · · · · · · · · ·	<u> </u>						
2:40 PM		200.0	5.0	27.6	Water ahead								
2:42 PM		250.0	25.2	52.8	Begin displacement	j cement 13.8 ppg @ 2000'	·····						
2:48 PM	3.4	100.0	5.0		Pumped mud with rig p	ump for 1:30 minutes	· · · · · · · · · · · · · · · · · · ·						
2:53 PM					Pumped into what hig p								
3:55 PM	21	150,0	5.0	· ·	Water ahead								
3:56 PM		400.0	12,6			cement 13.8 ppg @ 475'		···· ·					
4:00 PM		150.0	2.2		Begin displacement								
						· · · · · · · · · · · · · · · · · · ·							
4:55 PM	3.0	150.0	7.5	· · · · ·	Mixed 30 sacks H-Plug	cement 13.8 ppg for rathole plug							
5:01 PM	1	150.0	3,7			cement 13.8 ppg for mousehole plu							
5:08 PM	3,Ö	150.0	2.5		Mixed 10 sacks H-Plug	cement 13.8 ppg with wooden plug	@ top 40'						
5:09 PM	<u> </u>				Plug down		<u>. </u>						
5:11 PM	ļ			<u> </u>	Wash up and rigged do	wn							
5:32 PM	ļ			:	Left location			· · · · · · · · · · · · · · · · · · ·					
	<u> </u>					- <u> </u>		······································					
	<u> </u>	: 						· <u> </u>					
es statutes à					UNIT		SUMMARY						
		GREW				Average Rate	Average Pressure	Total Fluid					
	menter				64 208	3.5 bpm	192 psi	91 bbis					
Pump Op		1			194-250								
	3ulk #1 3ulk #2		1041		IV-FAVO								



DRILL STEM TEST REPORT

Prepared For:

Downing-Nelson Oil Company Inc

111 W. 10th Hays, KS 67601

ATTN: Marc Downing

17-5S-36W Rawlins,KS

Kramer-Scott Unit #1-17

 Start Date:
 2022.06.09 @ 10:13:00

 End Date:
 2022.06.09 @ 17:44:00

 Job Ticket #:
 68772
 DST #: 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

	DRILL STEM TES	T REP	ORT										
	Dow ning-Nelson Oil Company In	С	Kra	mer-Sc	ott Unit #	#1-17							
ESTING , II			17-5	17-5S-36W Rawlins,KS									
	Hays, KS 67601		Job T	Ficket: 68	772	DST	#: 1						
	ATTN: Marc Dow ning		Test	Start: 20	22.06.09 @	0 10:13:00)						
GENERAL INFORMATION:													
Formation:PawneeDeviated:NoWhipstockTime Tool Openeed:12:49:00Time Test Ended:17:44:00	ft (KB)		Test Teste Unit I	er: N	Conventiona Nathan Ane '1		Hole (Initial)						
Total Depth: 4585.00 ft (KB)	4585.00 ft (KB) (TVD) (TVD) ole Condition: Fair		Refe	rence ⊟e KB to	vations: o GR/CF:	3283.0	00 ft (KB) 00 ft (CF) 00 ft						
Serial #: 8353InsidePress@RunDepth:18.23 psiStart Date:2022.06.0Start Time:10:13:0TEST COMMENT:30:IF- Weak s 30:ISI- No blo 30:FF- No blo 30:FSI- No blo	9 End Date: 1 End Time: urface blow , built to 3/4" in 5 min, fina / back v	2022.06.09 17:44:00 al blow is 1 1/	Capacity: Last Calib Time On B Time Off E 4"	.: 8tm: 2	2022.06.09 2022.06.09	2022.06.0 @ 12:48:1	15						
Pressure		1	PR	ESSUR	E SUMM	IARY							
	500 Temperature 100 100 100 100 100 100 100 10	Time (Min.) 0 1 31 61 62 92	Pressure (psig) 2301.83 17.26 16.55 199.70 15.58 18.23	133.38 134.17 134.16	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2)	ro-static Flow (1) In(1) Flow (2)							
9 Tru Jun 2022 Time (*		122 126	145.77 2058.76	136.02 136.70	End Shut- Final Hydr								
Recove	у		·	Gas	s Rates								
Length (ft) Description	Volume (bbl)			Choke (ir	nches) Press	ure (psig)	Gas Rate (Mcf/d)						
5.00 SGOCM 80%M 15%C	5%G 0.02												
Trilobite Testing Inc					2022 06 14								

2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	I RILORITE		TEM TEST REPORT											
SHALL	ERILOBITE	Dow ning-Nelson Oi	il Company Inc		Kra	Kramer-Scott Unit #1-17								
	ESTING, INC				17-5	17-5S-36W Rawlins,KS								
		Hays, KS 67601			Job ⊺	Ficket: 6	DST	DST#:1						
NOW.		ATTN: Marc Dow r	ning		Test	Start: 2	2022.06.09	9 @ 10:13:0	0					
GENERAL	INFORMATION:													
-	Pawnee No Whipstock: ened: 12:49:00	ft (KB)			Test Teste Unit I	er:	Conventi Nathan A 71		Hole (Initial)					
nterval:	4540.00 ft (KB) To 45	i85.00 ft (KB) (TVD)			Refe	rence E	evations:	3294.	4.00 ft (KB)					
Total Depth:	4585.00 ft (KB) (T				.00 ft (CF)									
Hole Diameter	: 7.87 inchesHole	e Condition: Fair				KB	to GR/CF	: 11.	.00 ft					
Serial #: 8		-												
Press@RunD Start Date:	epth: psig 2022.06.09	@ 4541.00 ft (KB End Date:		2022.06.09	Capacity: Last Calib			8000. 2022.06	.00 psig N9					
Start Time:	10:13:01	End Time:	2	17:43:45	Time On E			2022.00						
					Time Off E	3tm:								
				Time	PR	ESSU Temp								
				(Min.)	(psig)	(deg F))							
	Recoverv						as Rates	5						
Length (ft)	Recovery	Volume	; (bbi)				as Rates	S	Gas Rate (Mcf/d)					
Length (ft) 5.00			; (bbl)						Gas Rate (Mcf/d)					
	Description		3 (bbl)						Gas Rate (Mcf/d)					
	Description		2 (bbl)						Gas Rate (Mcf/d)					
	Description		> (bbl)						Gas Rate (Mcf/d)					
	Description		2 (bbi)						Gas Rate (Mcf/d)					

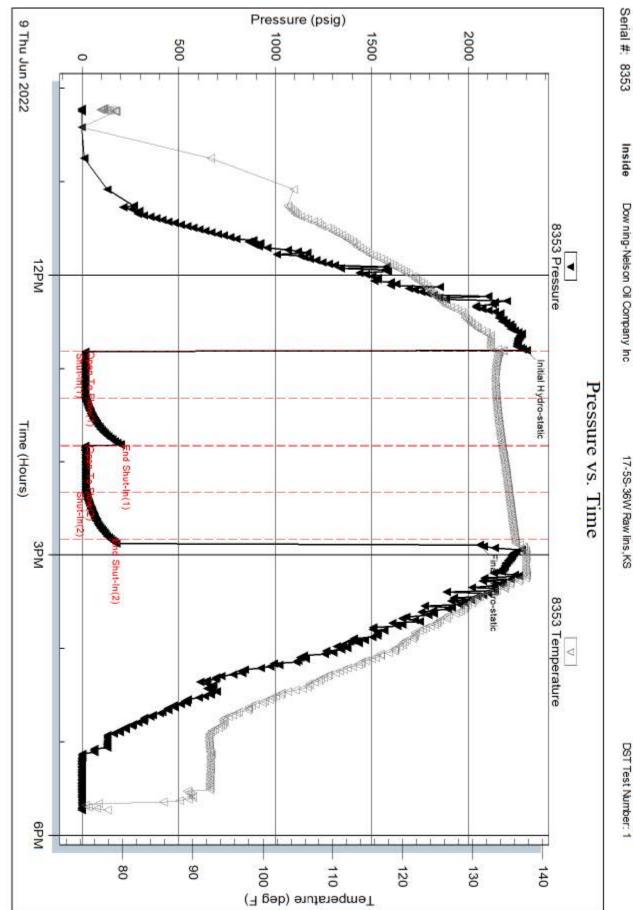
$\Delta \Omega $		DITE	DRI	DRILL STEM TEST REPORT TOO											
	RILUE	BITE TING , INC	Dow nin	ıg-Nelson O	il Company Inc		Kramer-Scott Unit	#1-17							
	EST	TING , INC					17-5S-36W Rawlins	s,KS							
張野			Hays, k	(S 67601			Job Ticket: 68772	DST#: 1							
NSV .			ATTN:	Marc Dow I	ning		Test Start: 2022.06.09 (@ 10:13:00							
Tool Informatio	on		ļ												
Drill Pipe:	Length:	4296.00 ft	Diameter:	3.80 i	nches Volume:	60.26 bbl	Tool Weight:	2000.00 lb							
Heavy Wt. Pipe:	Length:	ft	Diameter:	i	nches Volume:	- bbl	Weight set on Packer	r: 20000.00 lb							
Drill Collar:	Length:	241.00 ft	Diameter:	2.25 i	nches Volume:	1.19 bbl	Weight to Pull Loose:	72000.00 lb							
Drill Pipe Above ł	KB.	29.00 ft			Total Volume:	- bbl	Tool Chased	ft							
Depth to Top Pac		29.00 ft 4540.00 ft					String Weight: Initial	64000.00 lb							
Depth to Bottom I		4540.00 It ft					Final	64000.00 lb							
Interval between		45.00 ft													
Tool Length:	TT defice 3.	77.00 ft													
Tool Longan.		11.00 11													
Number of Packe	ers:	2	Diameter:	6.75 i	nches										
Number of Packe Tool Comments:	ers:	2	Diameter:	6.75 i	nches										
Tool Comments:				6.75 i Serial No.		Depth (ft)	Accum. Lengths								
Tool Comments: Tool Descriptio						Depth (ft) 4513.00	Accum. Lengths								
Tool Comments: Tool Descriptic Shut In Tool			ngth (ft)			• • • •	Accum. Lengths								
Tool Comments: Tool Descriptio Shut In Tool Hydraulic tool			ngth (ft) 5.00			4513.00	Accum. Lengths								
Tool Comments: Tool Descriptio Shut In Tool Hydraulic tool Jars			ngth (ft) 5.00 5.00			4513.00 4518.00	Accum. Lengths								
			ngth (ft) 5.00 5.00 5.00			4513.00 4518.00 4523.00	Accum. Lengths								
Tool Comments: Tool Descriptio Shut In Tool Hydraulic tool Jars EM Tool			ngth (ft) 5.00 5.00 5.00 4.00			4513.00 4518.00 4523.00 4527.00	Accum. Lengths	Bottom Of Top Packe							
Tool Comments: Tool Descriptio Shut In Tool Hydraulic tool Jars EM Tool Safety Joint			ngth (ft) 5.00 5.00 5.00 4.00 3.00			4513.00 4518.00 4523.00 4527.00 4530.00		Bottom Of Top Packe							
Tool Comments: Tool Descriptio Shut In Tool Hydraulic tool Jars EM Tool Safety Joint Packer Packer			ngth (ft) 5.00 5.00 4.00 3.00 5.00			4513.00 4518.00 4523.00 4527.00 4530.00 4535.00		Bottom Of Top Packe							
Tool Comments: Tool Descriptio Shut In Tool Hydraulic tool Jars EM Tool Safety Joint Packer Packer Stubb			ngth (ft) 5.00 5.00 4.00 3.00 5.00 5.00			4513.00 4518.00 4523.00 4527.00 4530.00 4535.00 4540.00		Bottom Of Top Packe							
Tool Comments: Tool Descriptio Shut In Tool Hydraulic tool Jars EM Tool Safety Joint Packer			ngth (ft) 5.00 5.00 4.00 3.00 5.00 5.00 1.00	Serial No.	Position	4513.00 4518.00 4523.00 4527.00 4530.00 4535.00 4540.00 4541.00		Bottom Of Top Packe							
Tool Comments: Tool Description Shut In Tool Hydraulic tool Jars EM Tool Safety Joint Packer Packer Stubb Recorder			ngth (ft) 5.00 5.00 4.00 3.00 5.00 5.00 1.00 0.00	Serial No.	Position	4513.00 4518.00 4523.00 4527.00 4530.00 4535.00 4540.00 4541.00 4541.00		Bottom Of Top Packe							

ACEN-		DRI	LL STEM TEST REPO	RT		FLUID S	UMMAR					
	TRILOBITE	Dow ni	ng-Nelson Oil Company Inc	Kramer-	Kramer-Scott Unit #1-17							
	ESTING , INC			17-58-36	17-5S-36W Rawlins,KS							
		Hays,	KS 67601	Job Ticket:		DST#: 1						
N 57		ATTN:	Marc Dow ning	Test Start:	2022.06.09 @ 1	@ 10:13:00						
Mud and Cu	shion Information											
• •	el Chem		Cushion Type:		Oil A PI:		deg API					
Mud Weight:	10.00 lb/gal		Cushion Length:	ft	Water Salinity:		ppm					
Viscosity:	48.00 sec/qt		Cushion Volume:	bbl								
Water Loss:	11.19 in³ ohm.m		Gas Cushion Type: Gas Cushion Pressure:	naia								
Resistivity: Salinity:	0nm.m 1200.00 ppm		Gas Cushion Pressure:	psig								
Filter Cake:	2.00 inches											
Recovery In	formation											
			Recovery Table		_							
	Leng ft	th	Description	Volume bbl								
		5.00	SGOCM 80%M 15%O 5%G	0.02	25							
	Total Length:	5	0.00 ft Total Volume: 0.025	bbl								
	Num Fluid Samp		Num Gas Bombs: 0	Serial	#:							
	Laboratory Nan		Laboratory Location:									
	Recovery Com	ments:										

Printed: 2022.06.14 @ 15:55:28

Ref. No: 68772





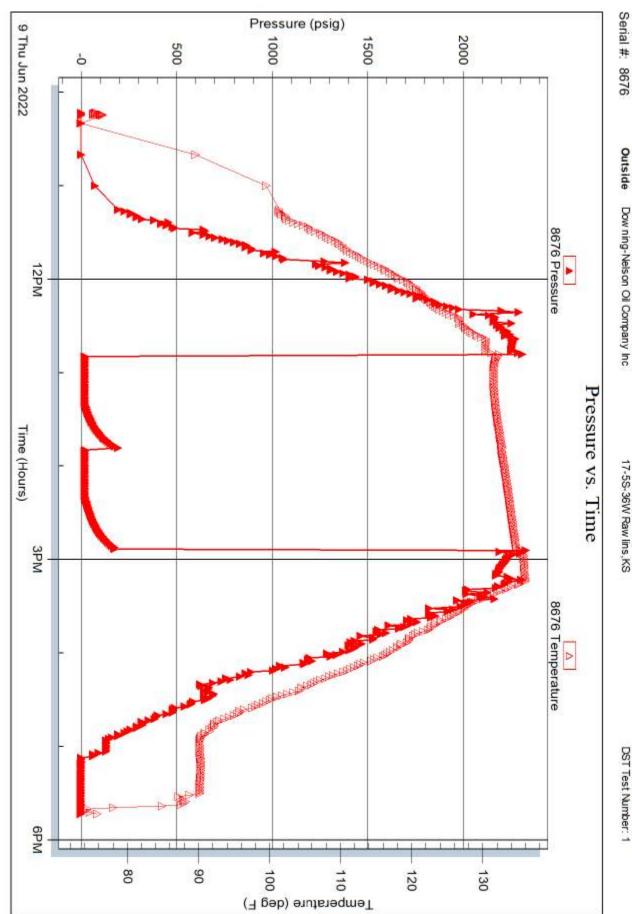
17-5S-36W Raw lins, KS

DST Test Number: 1

Printed: 2022.06.14 @ 15:55:28

Ref. No: 68772

Trilobite Testing, Inc



17-5S-36W Raw lins, KS

DST Test Number: 1

Outside

Dow ning-Nelson Oil Company Inc.

410 RILOBITE ESTING 1515 Commerce Part	NC. kway • Hays, Kansas 676	01	the standard a	ficket 68772	
Well Name & No. Kramer - Scott Company Dawning - Nelson Of Address III W. 10th Hays	Company Inc KS 67601	Elevation	3294		
Co. Rep/Geo. Marc Downing Location: Sec. 17 Twp 55	BOR 36N	Rig_Dut	lins	State KS	
Interval Tested <u>4540 - 4585</u> Anchor Length <u>45'</u> Top Packer Depth <u>4535</u> Bottom Packer Depth <u>4540</u>	Zone Tested Drill Pipe Run _ Drill Collars Run Wt. Pipe Run Chlorides22	ашпее 4296 241 2 рр	Ma Vis Wi m System LC	ud WI. <u>9.5</u> s <u>48</u> L <u>11.2</u> :M <u>1/2</u> #	
<u>ISI-No blow back</u> <u>FE-No blow</u> <u>FSI-No blow back</u> <u>Rec</u> <u>Feet of SGOCM</u> <u>Rec</u> <u>Feet of</u>		_5 %gas %gas	15 %oil %oil	%water %water	80 %mud %mud
Rec Feet of Rec Feet of Rec Feet of		%gas %gas %gas	%oil %oil %oil	%water %water %water	
Rec Total 5 BHT 136 (A) Initial Hydrostatic 2302 (B) First Initial Flow 17 (C) First Final Flow 16 (D) Initial Shut-In 200 (E) Second Initial Flow 16 (F) Second Final Flow 18 (G) Final Shut-In 146 (H) Final Hydrostatic 20579 Initial Open 30 Initial Shut-In 30	Gravity 1950 Test 300 Jars 300 Gravity Joint Gravity Standby Gravity Standby Gr	PT 174	T-On Locat T-Started T-Open T-Pulled T-Out Comments Comments E EM To Ruined	10:1	15 3 9 8
Final Flow 30 Final Shut-In 30 Approved By	 Day Standby Accessibility Sub Total2424 Our F 		Sub Total	-350 2074	

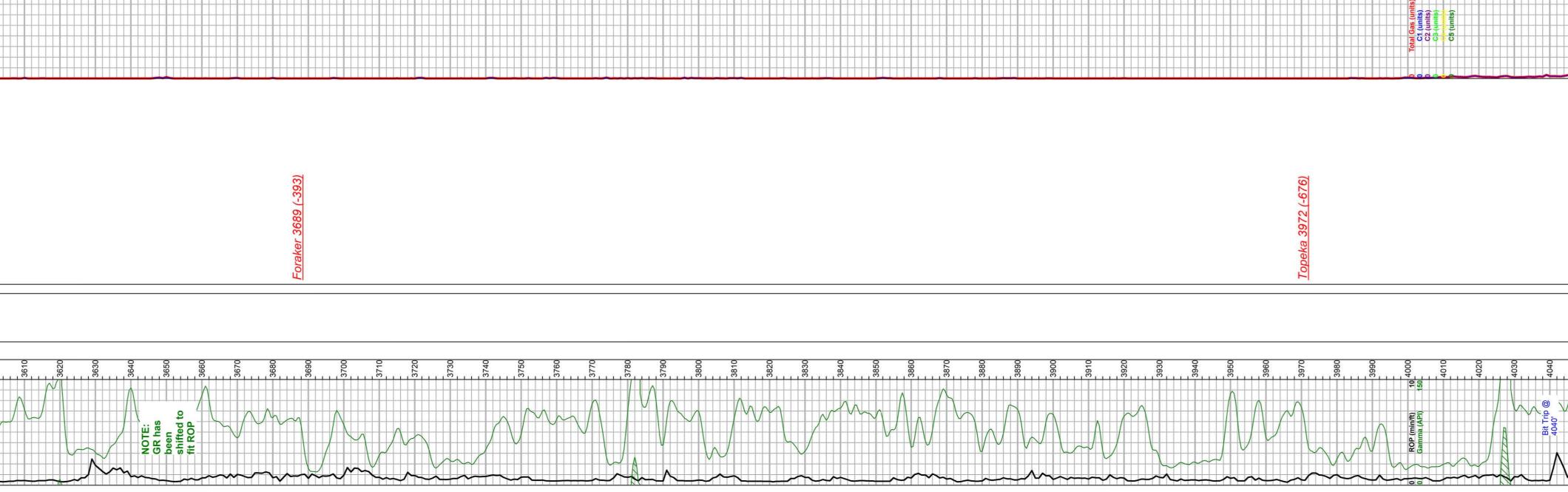
17

12.2.2

Approved By ______ Our Representative _____ Our Representative ______ Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



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					Drilling Contractor	Duke	Drilling, Ri	g #5				t.	
Marc A. Dov	wning	Geologic	Report		Commenced 6-3-22	Comp	1	6-11-22				men (ww	
					Samples Saved From	4050	То	RTD				.8.15 Com	
Consulting Petr	roleum	Drilling Time and	d Sample L	og	Drilling Time Kept From	3550	То	RTD				0.4 L	
Geologis	t			lovet	Samples Examined From	4050	То	RTD				12:0	
18-17			-		Geological Supervision From	4050	То	RTD				od ce	
Operator Dow	ning-Nelson C	Dil Co., Inc.	KB EI	evation 3296								Stripl	
Lease Krame	er-Scott Unit	No. 1-17	DF GL	3294 3285								G, C1 - ((units)	C22 (units C22 (units C23 (units C55 (units C55 (units
API # 15-153-	-21291-0000		Surface	ng Record								by GEOst TC Total Gas (total) Cotal (units) C2 (units) C3 (units) C4 (units) C5 (units)	
Field Charles	ne		Production		Summary				S			1 ted by C2 C3 C5 C5 C5 C5 C5 C5 C5 C5 C5 C5 C5 C5 C5	
Location 2293	' FNL & 1785	' FEL	-	None cal Surveys	Due to structural position, DS to plug and abandon the well.	Г recovery, a	and log evalu	ation, it was decided				in d	
Sec. 17	Twp. 5s	Rge. 36w	CNI	DL, DIL							Ń		
County Raw	vlins State	Kansas	ME	L, Sonic					TYPES arbon Sh nale, red	ACCESSORIES	MBOL	criptions	
Formation	Sample tops	Log Tops		Struct Comp					CK T Carb shale	ESSO	R SYM	al Des	
Top Anhydrite	3012	3010	+286	-9					sh sh	ACC	OTHER Int pipe	logic	
Base Anhydrite	3050	3044	+252	-8						`		Geo	
Foraker	3689	3686	-390	-10							OTT DST Int DST Int DST alt Core		
Topeka	3972	3968	-672	-10									
Heebner	4137	4134	-838	-13					e du		ja la		
LKC	4189	4186	-890	-13					shale, grn shale, gry	Ø	ort oto og File File File	sworts lio	
Stark	4387	4383	-1087	-12						shal	Repo Repo nent nent ontal uttin		
ВКС	4444	4440	-1144	-11						STRINGEF Limestreestreestreestreestreestreestreestr	aily f igital olden nk ertica orizc	λβοιοτίτ	
Marmaton	4452	4448	-1152	-11									
Pawnee	4566	4562	-1266	-14						ົດ ເ		ŠT	-
Cherokee Sh	4648	4643	-1347	-15					A			Depth Intervals	0 8 9 0 E
Morrow	4791	4786	-1490	-12			Respect	fully Submitted,	orim t fw7		- 75 % - 50 % itn	Cored Interval	
Mississippi	4833	4828	-1532	-17				55% 2.82	Dolpri Lmst 1		e e Str		
										ark hite	N Strunger Strunger Strunger Sence	#	
Total Depth	4925	4923	-1627				Marc A.	. Downing		MINERAL → Chert, da	A Direction of the second of t	ack	
		on DNOCI - Charlene	B #1-17							Che	LICE CO O O O O O O O O O O O O O O O O O		
2212' FSL & 2636' FW	VL									≥ ∢ ⊲	ō●●●○○□■	Cur na (A	
												DP (



				Vie. ER	VIS: 55 Wt: 9.0 LCM: 4#																																	1111
										Lighter test																												
			\sim						$\sim \sim$						~~~~				~		~~~		~	\frown			~^									\sim		
Sh: brn w/ red, silty in prt <u>Lecompton 4059 (-763)</u> LS: wht, md xln, foss w/ ool. Scat fr intxln por, trng subxln-chlky. All NS.	LS: wht, fn xln, scat foss ala. Mostly pr por and dns, NS.	LS: ala w/ tan-brn, vfn-mic xln.	Sh: Black Carb Sh: gry w/ brn, scat wht ool LS w/ gilsonite.	<u>Oread 4118 (-822)</u>	LS: wht, fn-md xln, mostly chlky. Scat intxln por, all NS, no od.	<u>Heebner 4137 (-841)</u> Sh: Black Carb		Sh: gry w/ brn and some grn, silty in prt.	Toronto 4174 (-878) LS: wht, fn xln, scat intxln por. Mostly chlky w/ scat tarry disonite stn_NSFO_no od	<u>LKC 4189 (-893)</u> I.S. wht fn yin foss in prt Er intyln nor w/	w/ dead blk stn, mostly barren, no od.	Sh: brn-red, silty in prt	LS: wht, fn xln. Scat intxln por, many chlky	Sh: gry w/ brn and lt grn	LS: wht, fn xln, scat gd intxln por, mostly chlky. Much shp cht, tan, wht, gry. All NS, no		Sh: Black Carb	Sh: mostly red-brn	LS: wht, fn-md xln, foss in prt w/ scat ool. Gd intxln por w/ sml vugs, few rx w/ poss ooc por, fr amt subxln. Totally barren, no od.	LS: wht, md xln, scat foss w/ lrg ool. Scat gd ooc por and intxln por, fr amt subxln rx. Totallv barren. no od.	LS: wht-tan, md xln, few foss and sml ool. Some intln por, mostly dns, w/ shp tan cht.	Sh: Black Carb	Sh: gry w/ It grn	LS: tan, md xln, mostly pr por and dns, scat subxln rx. 1-2 w/ pr resid stn, NSFO, no od, rest barren.	Sh: Black Carb	Sh: red-brn, scat gry	LS: wht, fn-md xln, few foss. 2-3 rx w/ pr uneven stn and rare spttd SFO in fr intxln and	pp por. Irng mostly barren and subxin-chiky, scat intxin and pp por. No od. Stark 4387 (-1091)	Sh: brn w/ gry	LS: wht, fn xln, gran in prt. Subxln-chlky w/	scat ross. NS. LS: wht, fn xln, dns, no vis por.	Sh: Black Carb Sh: gry w/ brn	LS: wht, md xln, foss in prt. Scat fr-gd vug and intxln por, all NS. Scat tan shp cht.	<u>Marmaton 4452 (-1156)</u>	LS: tan-wht, md xln, sml ool. Scat intxln por, mostly dns, all NS.	Sh: red-brn	<u>Altamont A 4479 (-1183)</u> LS: tan-wht, fn-md xln, few ool. Mostly dns,	trng tan-gry. All NS.
		4090	4100			4140	4150	4160	4170	4190	4200	4210	4220	4230	4240	4250	4260	4270	4280	4290	4310	4320	4330	4340	4350	4360	4370	4380	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4400	4410	4420	4440	4450	4460	4470	4480	A490

