KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1347522

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL HISTORY - I	DESCRIPTION C	OF WELL & LEASE

OPERATOR: License #	API No. 15
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.xxxx)
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 ☐ SIOW □ Gas □ D&A □ ENHR □ SIGW	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	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 ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
Dual completion Permit #. SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Location of huid disposal if haded offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. 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							
Geologist Report Received							
UIC Distribution							
ALT I II III Approved by: Date:							

	Page Two	1347522		
Operator Name:	_ Lease Name:	Well #:		
Sec TwpS. R East West	County:			
INCTRUCTIONS. Chain important tang of formations panetrated	tail all aaraa Danart all final	agniag of drill stamp tools giving interval toolad, 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 (Attach Additional She	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	jical Survey	Yes No	Name	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-o	RECORD Ne		ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Durmagai	Dopth						

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Back TD				
Plug Off Zone				

Yes

Yes Yes No

🗌 No

No

Did you perform a hydraulic fracturing treatment on this well?	
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	

(If No, skip questions 2 and 3) (If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated						ement Squeeze Record I of Material Used)	Depth		
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner F	Run:	No	
Date of First, Resumed F	Producti	on, SWD or ENH	3.	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIC	N OF G	AS:			METHOD	OF COMPLE	TION:		PRODUCTION IN	TERVAL:
Vented Sold	<u> </u>	Jsed on Lease		Open Hole	Perf.	Dually (Submit)	Comp. A <i>CO-5)</i>	Commingled (Submit ACO-4)		
		10.7		Other (Specify)						

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	MCCLELLAN 1-21
Doc ID	1347522

Tops

Name	Тор	Datum	
Top Anhydrite	1717'	+543	
Base Anhydrite	1750'	+510	
Topeka	3219'	-959	
Heebner	3429'	-1169	
Toronto	3452'	-1192	
LKC	3466'	-1206	
ВКС	3687'	-1427	
Arbuckle	3789'	-1529	

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	MCCLELLAN 1-21
Doc ID	1347522

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	23	221	Common	2% Gel and3% CC

UC. JOB TYPE Shallow Sufface DATE DATE DATE DATE DATE DATE DATE DATE 29976 SWIFT Services. Inc. PAGE NO. 1 MER LEASE McClellan WELL NO. owning & Nelson 1-21 CHART RATE (BPM) TIME Volume (BBL) (GAL) PRESSURE (PSI) TUBING CASING PUMPS DESCRIPTION OF OPERATION AND MATERIALS NO. TC 1630 On location 85/8 Cog RTD - QQQ pipe-221 ioad 1815 START Running Csg Break circ on bottom 1900 1910 5 5 Pump Wtr Spacer Pump CMT - 150 SKS @ 14.7 ppg Disp CMT 5 37 <u>300</u> 1930 3 12.5 400 Circulated 30 sts Cont to pit Job Complete Thenks David, Jon H, & John J. .

GLOBAL OIL FIELD SERVICES, LLC

	(a) A start of the second s second second s second second se			
DATE $3 + 17$ SEC. TWP. RANGE 21	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 37-17 21 9 21			COUNTY	STATE Pro
EASE McC/olle WELL #. 1-21 LOCATION 0	PARANCKILLSI	ution and	GRahan	, K
OLD OR NEW (CIRCLE ONE)				
		~ ,,	5	
YPE OF JOB PLUC	OWNER	*****		
IDLE SIZE 7 3 T.D.	CEMENT			н.
CASING SIZE DEPTH	AMOUNT O	Phasen		
TUBING SIZE DEPTH				11
DRILL PIPE US	205	Den Laluar	14/2/15	FLASCON
rool depth			<u>a propinsi se </u>	- for he had a second a second
PRES. MAX MINIMUM	COMMON		@	
MEAS. LINE SHOE JOINT	POZMIX		@	
LEMENT LEFT IN CSG.	GEL	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	@	
ERFS		·.	•	······································
DISPLACEMENT			@	
EQUIPMENT			@	
			@	·····
UMP TRUCK CEMENTER			@	
HAM HELPER THUSON			@	
BULK TRUČK	······································		@	
DRIVER Charles			@	· ·
BULK TRUCK			@	÷
DRIVER			@	
	FLANIDI INIC		@	<u> </u>
	MILEAGE			
pat plug & 3269 W SP	plan	SEI	RVICE	
Rephare 950 de Tabak		~~~		
4th DIUG C JOO M SORA	DEFILIOF N		· · ·	
Stopping Ching I Date			<u>^</u>	
Rotone 30 Re		rage	•	
mill Is new	1 A A A A A A A A A A A A A A A A A A A		@	····
	MANIFOLD	······	@	
			@	e - Aliter and the second s
HARGE TO: 120(1)1109 - Nolson			@	
	·		TOTAL	
TREET			IVIA	
TTY STATE ZIP				
		PLUG & FLO	AT EQUIPME	NT
		• •		· ,
Global Oil Field Services, LLC				
ou are hereby requested to rent cementing equipment	t and \sqrt{s}	- C. LO. A.	@	
urnish cementer and helper(s) to assist owner or contract	tor to	<u>~(</u>	@	
o work as is listed. The above work was done to satisfa	iction		@	· · · · · · · · · · · · · · · · · · ·
nd supervision of owner agent or contractor. I have read	d and	· · · · · · · · · · · · · · · · · · ·	@	
nderstand the "GENERAL TERMS AND CONDITIC	DNS"	· · ·	@`	
sted on the reverse side.		$T_{\rm eff} = -1000 {\rm eff} = -1000 {\rm eff}$		
		• .	TOTAL	•
				· · ·
	SALES TAX (If Any)	-	·····
	Distance in Free			
IGNATURE	TOTAL CHAI		· .	
				IF PAID IN 30 DAYS



DRILL STEM TEST REPORT

Prepared For:

Downing-Nelson Oil Co Inc

PO Box 1019 Hays KS 67601

ATTN: Ron Nelson , Marc Do

McClellan #1-21

21-9s-21w Graham,KS

 Start Date:
 2017.03.01 @ 05:50:11

 End Date:
 2017.03.01 @ 11:51:35

 Job Ticket #:
 64097
 DST #:
 1

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

	DRILL STEM TES	TREP	ORT				
RILOBITE	Dow ning-Nelson Oil Co Inc		21-9s	s-21w G	Fraham, P	(S	
ESTING , INC.	PO Box 1019		McC	lellan #	¢1-21		
	Hays KS 67601		Job Ti	icket: 640)97	DST#:	1
	ATTN: Ron Nelson , Marc Do		Test S	Start: 201	17.03.01 @	05:50:11	
GENERAL INFORMATION:							
Formation:ArbuckleDeviated:NoWhipstock:Time Tool Opened:07:55:51Time Test Ended:11:51:35	ft (KB)		Test T Tester Unit N	r: R	onventiona ay Schwaç 7		ole (Initial)
Interval:3723.00 ft (KB) To37Total Depth:3795.00 ft (KB) (TVHole Diameter:7.88 inches Hole	/D)		Refere	ence ⊟ev KB to	vations: GR/CF:) ft (KB)) ft (CF)) ft
Serial #: 8360 Inside Press@RunDepth: 721.70 psig Start Date: 2017.03.01 Start Time: 05:50:11 TEST COMMENT: 15-IFP-BOB in30	End Date: End Time:	2017.03.01 11:51:35	Capacity: Last Calib.: Time On Bt Time Off Bt	im: 20	: 017.03.01 (017.03.01 (-) }
30-IFP-no bl 15-FFP-BOB in 3 30-FSIP-no bl Pressure vs. T	0 sec	1	PRE	ESSURI	E SUMM	ARY	
S300 Pessure	8360 Temperature 120	Time	Pressure	Temp	Annotatio		
		(Min.) 0	(psig) (1797.33	(deg F) 97.43	Initial Hydro	o-static	
	100	3 18	107.32 470.11		Open To Fl Shut-In(1)	low (1)	
		48	1078.45	113.28	End Shut-Ir		
		48 63			Open To Fl Shut-In(2)	ow (2)	
		94	1077.81	114.78	End Shut-Ir		
500 200 200 0 0 0 0 0 0 0 0 0 0 0 0		97	1771.31	113.52	Final Hydrc	o-static	
Recovery				Gas	Rates		
Length (ft) Description	Volume (bbl)			Choke (ind	ches) Pressu	re (psig)	Gas Rate (Mcf/d)
1295.00 Water 265.00 MW 40% M60% W	16.44 3.72						
	Ref No: 64097				2017 03 01		

	DRILL STEM TES	T REPO	ORT			
RILOBITE	Dow ning-Nelson Oil Co Inc		21-9s-21w	Graham,	KS	
ESTING , INC	PO Box 1019		McClella	n #1-21		
	Hays KS 67601		Job Ticket:	64097	DST#	:1
	ATTN: Ron Nelson , Marc Do		Test Start:	2017.03.01 (@ 05:50:11	
GENERAL INFORMATION:						
Formation:ArbuckleDeviated:NoWhipstock:Time Tool Openee:07:55:51Time Test Endee:11:51:35	ft (KB)		Test Type: Tester: Unit No:	Convention Ray Schwa 77		lole (Initial)
Interval:3723.00 ft (KB) To37Total Depth:3795.00 ft (KB) (TVHole Diameter:7.88 inches Hole	′D)		Reference I	∃evations: 3 to GR/CF:	2252.0	0 ft (KB) 0 ft (CF) 0 ft
Serial #: 6751OutsidePress@RunDepth:psigStart Date:2017.03.01Start Time:05:50:13	 3729.00 ft (KB) End Date: End Time: 	2017.03.01 11:51:37	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.0 2017.03.0	0 psig 1
TEST COMMENT: 15-IFP-BOB in 30 30-IFP-no bl 15-FFP-BOB in 30 30-FSIP-no bl) sec	1				
Pressure vs. Tr a 6791 Pessue	me 6751 Tempeniare	Time				
1750 1750		Time (Min.)	Pressure Temp (psig) (deg F			
Recovery			G	as Rates		
Length (ft) Description	Volume (bbl)		Choke	e (inches) Press	sure (psig)	Gas Rate (Mcf/d)
1295.00 Water 265.00 MW 40%M60%W	16.44 3.72					

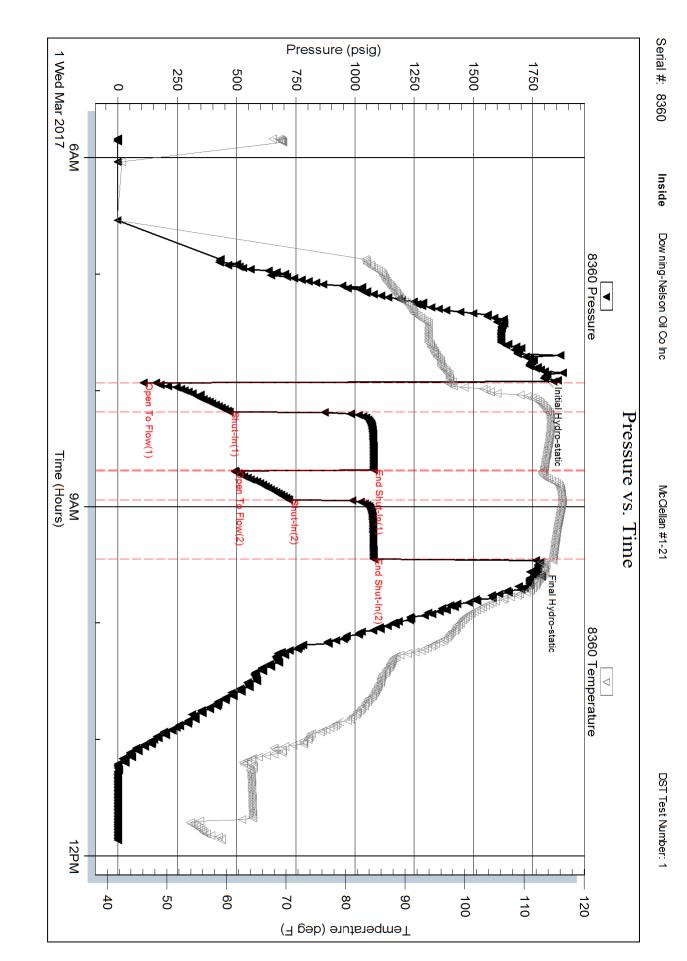
		RITE			MTEST	REPU			TOOL DIAGRA
		BITE TING , INC	Dow nir	ng-Nelson Oil	Co Inc		21-9s-21w Gral	ham,KS	6
	I EST	ING , INC					McClellan #1-2	21	
			Hays K	S 67601			Job Ticket: 64097		DST#:1
			ATTN:	Ron Nelson	, Marc Do		Test Start: 2017.0	3.01 @ 0	5:50:11
Tool Informatio	on		•						
Drill Pipe:	Length:	3465.00 ft	Diameter:	3.80 in	iches Volume:	48.60 bb	I Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	248.00 ft	Diameter:	2.70 in	iches Volume:	1.76 bb	0		
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 in	iches Volume:	0.00 bb	_ 5	.oose: 75	
Drill Pipe Above k	KB.	11.00 ft			Total Volume:	50.36 bb			0.00 ft
Depth to Top Pac		3723.00 ft					String Weight: I		5000.00 lb
Depth to Bottom		ft						Final 60	0000.00 lb
Interval between	Packers:	72.00 ft							
Tool Length:		93.00 ft							
Longun		93.00 H							
Number of Packe Tool Comments:	ers:	93.00 H 2	Diameter:	6.75 in	iches				
Number of Packe	ers:		Diameter:	6.75 in	iches				
Number of Packe		2		6.75 in Serial No.	nches Position	Depth (ft)	Accum. Lengths		
Number of Packe Tool Comments: Tool Descriptio	on	2				Depth (ft) 3703.00	Accum. Lengths		
Number of Packe Tool Comments:	on	2	ngth (ft)			• • • •	Accum. Lengths		
Number of Packe Tool Comments: Tool Descriptic Change Over Sul	on	2	ngth (ft) 1.00			3703.00	Accum. Lengths		
Number of Packe Tool Comments: Tool Descriptio Change Over Sul Shut In Tool Hydraulic tool	on	2	ngth (ft) 1.00 5.00			3703.00 3708.00	Accum. Lengths	В	Bottom Of Top Packe
Number of Packe Tool Comments: Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool Packer	on	2	ngth (ft) 1.00 5.00 5.00			3703.00 3708.00 3713.00	Ū	В	Bottom Of Top Packe
Number of Packe Tool Comments: Tool Descriptio Change Over Sul Shut In Tool Hydraulic tool Packer Packer	on	2	ngth (ft) 1.00 5.00 5.00 5.00			3703.00 3708.00 3713.00 3718.00	Ū	B	Bottom Of Top Packe
Number of Packe Tool Comments: Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool Packer Packer Stubb	on	2	ngth (ft) 1.00 5.00 5.00 5.00 5.00			3703.00 3708.00 3713.00 3718.00 3723.00	Ū	B	Bottom Of Top Packe
Number of Packe Tool Comments: Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool Packer Packer Stubb Perforations	on	2	ngth (ft) 1.00 5.00 5.00 5.00 5.00 1.00			3703.00 3708.00 3713.00 3718.00 3723.00 3724.00	Ū	B	Bottom Of Top Packe
Number of Packe Tool Comments: Tool Descriptic Change Over Sul Shut In Tool	on	2	ngth (ft) 1.00 5.00 5.00 5.00 5.00 1.00 5.00	Serial No.	Position	3703.00 3708.00 3713.00 3718.00 3723.00 3724.00 3729.00	Ū	В	Bottom Of Top Packe
Number of Packe Tool Comments: Tool Description Change Over Sul Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Recorder	on	2	ngth (ft) 1.00 5.00 5.00 5.00 5.00 1.00 5.00 0.00	Serial No. 8360	Position	3703.00 3708.00 3713.00 3718.00 3723.00 3724.00 3729.00 3729.00	Ū	B	Bottom Of Top Pack
Number of Packe Tool Comments: Tool Description Change Over Sul Shut In Tool Hydraulic tool Packer Packer Stubb Perforations Recorder Recorder	on	2	ngth (ft) 1.00 5.00 5.00 5.00 1.00 5.00 0.00 0.00	Serial No. 8360	Position	3703.00 3708.00 3713.00 3718.00 3723.00 3724.00 3729.00 3729.00 3729.00	Ū	B	Bottom Of Top Pack

	DRI	LL STEM TEST F	EPORT	-	F	LUID SUMMARY
RILOBIT	Dow ni	ng-Nelson Oil Co Inc		21-9s-21w	Graham,KS	
I ESTIN		< 1019 <\$ 67601		McClellan Job Ticket: 6		DST#:1
	ATTN:	Ron Nelson , Marc Do		Test Start: 2	017.03.01 @ 05	:50:11
Mud and Cushion Infor	mation					
Mud Type:Gel ChemMud Weight:9.00 lb/gViscosity:58.00 secWater Loss:7.59 in³Resistivity:ohrSalinity:2000.00 pprFilter Cake:1.00 inc	c/qt m.m m	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:			Oil API: Water Salinity:	deg API 26000 ppm
Recovery Information						
-		Recovery Table			1	
	Length ft	Description		Volume bbl		
	1295.00 265.00	Water MW 40%M60%W		16.443 3.717		
Total		.00 ft Total Volume:	20.160 bbl	5.717	1	
Labo	Fluid Samples: 0 iratory Name: overy Comments: RN	Num Gas Bombs: Laboratory Location V .3@60F	0	Serial #:		

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Ref. No: 64097

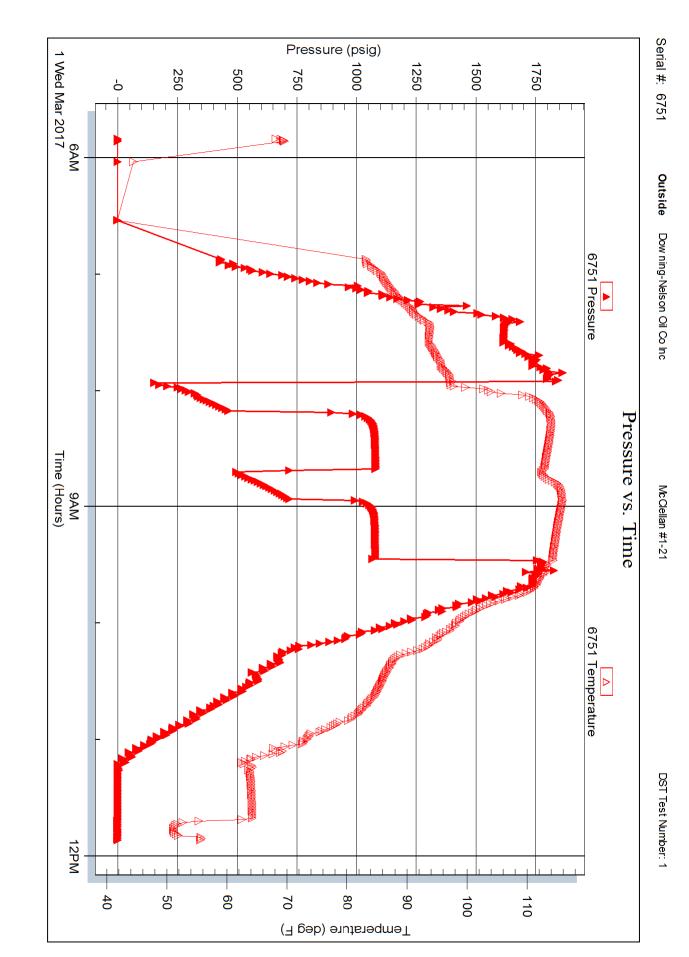




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Ref. No: 64097





RILOBITE			Tes	t Ticket	
4/10 ESTING INC. 1515 Commerce Parkway		7601	NO.	64097	7
Well Name & No. McCLeLLAN # Company DOWALAQ-Nelson OI	<u>+1-21</u> ((0 Inc		1 2260	 KB	
Address PO Box 1019 HAYD	11 1-1	1			<u> </u>
Co. Rep / Geo. MARC Downing	, 	$\underline{\qquad} \operatorname{Rig} \underline{\mathcal{O}_{I}},$	SCOVERY	rig 2	
Location: Sec Twp	_Rge2/~	Co. <u>GRA</u>	han	State	S
Interval Tested 3723-3795	Zone Tested	ARbuck	la		
Anchor Length 72	Drill Pipe Run		/	Mud Wt. <u>8, 8</u>)
Top Packer Depth 37/8	Drill Collars Ru	ın		Vis <u>58</u>	
Bottom Packer Depth 3723	Wt. Pipe Run	248		WL	6
Total Depth 3795	Chlorides	2000	ppm System	LCM	£
Blow Description <u>TFP - Bob</u>	30 sec.	·····			
ISTP-NOBL	ວມ		· · · · · · · · · · · · · · · · · · ·		<u> </u>
EFP-BOBIN) 30 sec	•			
- FSTP-NO BLO	iw				
Rec_265 Feet of MW		%gas	%oil	60 %water	46 %mud
Rec 1295 Feet of U) ATER	<u> </u>	%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total 1560 BHT 114	_ Gravity	API RW_ <u>, 3</u>	_@ ८० °।	F Chlorides <u>260</u>	00 ppm
(A) Initial Hydrostatic 1797	Test 1050)	T-On L	ocation 031	
(B) First Initial Flow /o 7	Jars		T-Start	led 055	
(C) First Final Flow467	Safety Joint		· · ·	<u> </u>	-
(D) Initial Shut-In/078	Circ Sub			nd <u>092</u>	
(E) Second Initial Flow 491	Hourly Standby	У]5	
(F) Second Final Flow 721	Mileage 90	RT 67.50	Comm	ents	
(G) Final Shut-In / 0))	Sampler				
(H) Final Hydrostatic / 72/	G Straddle	<u> </u>	O Ru	ined Shale Packer_	
	Shale Packer_			lined Packer	
Initial Open				tra Copies	
Initial Shut-In30	Extra Recorde			otal0	
Final Flow 1 5	Day Standby _				· · · · · · · · · · · · · · · · · · ·
Final Shut-In <u> </u>	Accessibility _			ST Disc't	
		17.50	,		YHANK
Approved By	(Our Representative	KAY Se	LWAGER	you

Tribolite 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.

Marc A. Dov Consulting Pet Geologis	roleum			c Report nd Sample Log			
Operator Dow	ning-No	elson O	il Co.,	Inc.	El KB	evation	
		DF	2260 2258				
Lease McCle	llan		No.1-	21	GL	2252	
API # 15-065	-24127-0	0000			Casii Surface	ng Record	
Field Morel					85	/8" 221'	
Field Morel					Production	n None	
Location 1180	FSL &	2 959' F	EL			cal Surveys	
Sec. 21	Twp.	9s Rge. 21w				None	
County Gra	ham	State	Kar	isas			
Formation	Samp	le tops	Log	g Tops	Datum	Struct Comp	
Top Anhydrite	17	'17			+543	+7	
Base Anhydrite	17	/50			+510	+2	
Topeka		.19			-959	+3	
Heebner		29			-1169	+11	
Toronto	1000	152			-1192	NA	
LKC	1550-1	166			-1206	+8	
BKC		87 789			-1427 -1529	NA +5	
Albuckie		07			-1323	15	
Total Depth	37	95			-1535		
Reference Well For Felt #1NE NE S		Compariso 1-9s-21w	n Barne	tt Drilling Co).		

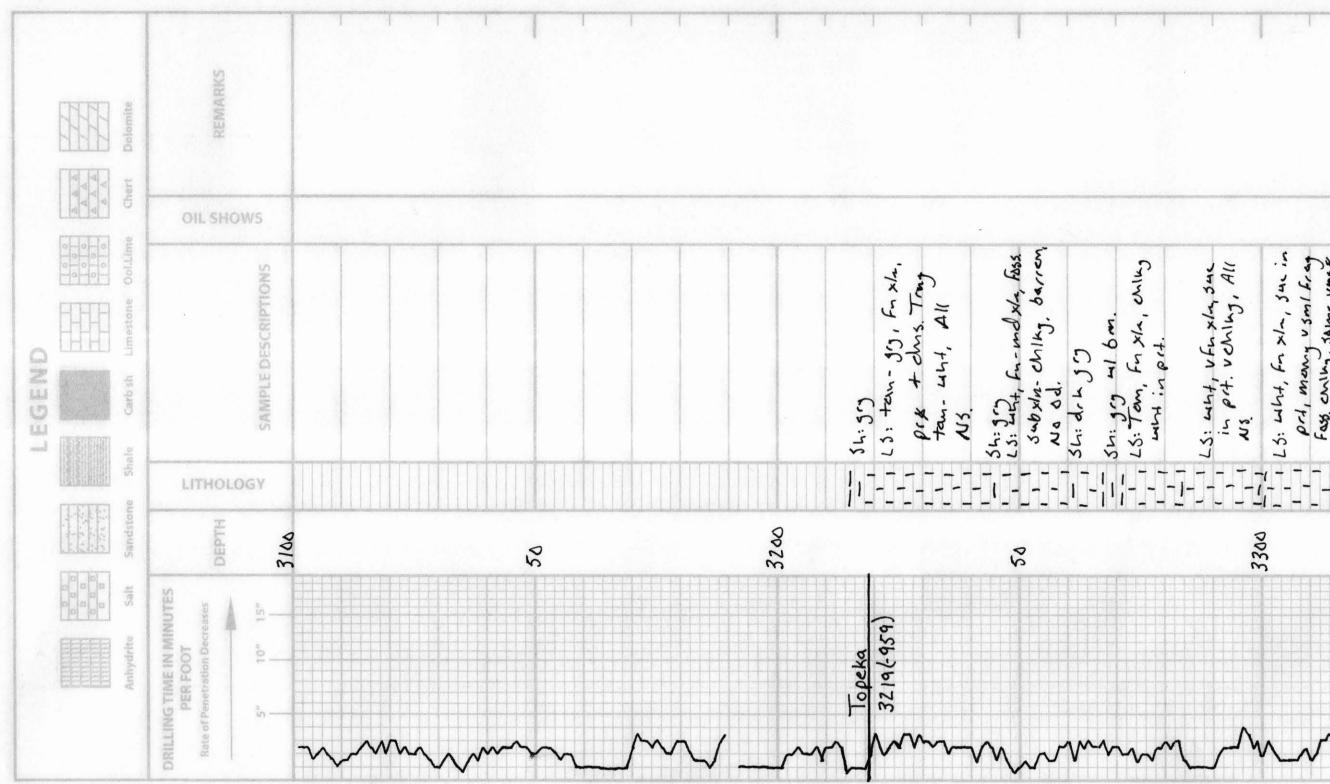
Drilling Contracto	Discovery Drilling, Rig #2						
Commenced	2-24-17						
Samples Saved Fre	om	3200	То	RTD			
Drilling Time Kep	t From	3100	То	RTD			
Samples Examine	d From	3200	То	RTD			
Geological Superv	rision From	3200	То	RTD			

Summary and Recommendations

Due to structural position and DST recovery, it was decided to plug and abandon the well.

Respectfully Submitted,

Marc A. Downing



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