Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1215602

Form ACO-1 August 2013 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. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Deast / 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 #:	Dewatering method used:
Dual Completion Permit #: SWD Permit #:	
	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. 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	1215602
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRINCTIONS. Chave important tang of formations paratrated	atail all aaraa Bapart all final	conice of drill stome tests giving interval tested time test

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 Sho	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne		ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Top Datum Used Jused diate, production, etc. # Sacks Setting Type of Depth Cement Used Jused Jused Jused		
		ADDITIONAL	CEMENTING / SQU	IEEZE RECORD			
Purpose:	Depth	Turne of Comparet	# On also I land		Turner and f		

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

No

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

No	(If No, skip questions 2 and 3)
No	(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						Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)					
TUBING RECORD:	Siz	ze:	Set At:		Packer	At:	Liner R	un:	No				
Date of First, Resumed	Producti	on, SWD or ENHF	ł.	Producing N	lethod:	oing	Gas Lift	Other (Explain)					
Estimated Production Oil Per 24 Hours		Oil Bb	S.	Gas Mcf		Wate	ər	Bbls.	Gas-Oil Ratio	Gravity			
	011050												
DISPOSITI	_	AS: Jsed on Lease		Open Hole	METHOD (OF COMPLE	TION: Comp.	Commingled	PRODUCTION IN	IERVAL:			
(If vented, Su				Other <i>(Specify)</i>		(Submit)	ACO-5)	(Submit AČO-4)					

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Sunley 2-13
Doc ID	1215602

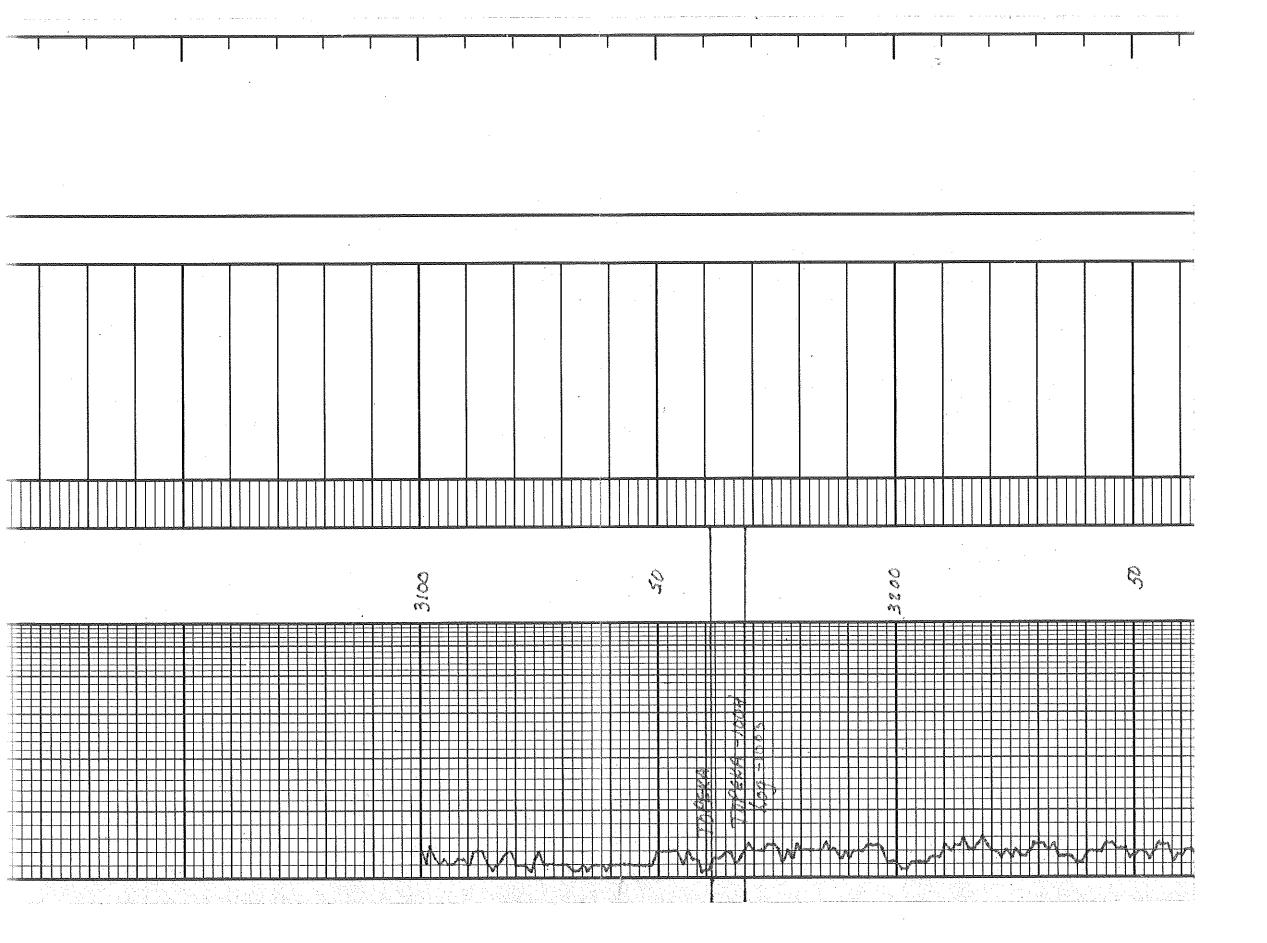
Tops

Name	Тор	Datum
Top Anhydrite	1412'	+752
Base Anhydrite	1454'	+710
Topeka	3167'	-1003
Heebner	3419'	-1255
Toronto	3438'	-1274
LKC	3466'	-1302
ВКС	3690'	-1526
Arbuckle	3800'	-1636

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	COLN DRIVE		1000								9			
	ISAS 67601		MONTO NEC	LOG					<u> </u>					
PHONE: 78	5-628-3449								1					
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	.*		GLZ	1514		an ya da amada da da ana an			20-7-40-90 cmmm.comm.com					
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STATE KANSAS		Somples Saved From			rvkening	n	RTICATION		24444, <b>244</b> 447, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 24444, 244444, 244444, 244444, 244444, 24444, 24444, 24444, 24444, 24444, 244444, 244444, 244444, 244444, 244444, 244444, 244444, 24444444, 2444444, 2444444, 244444444			çış Makimenin Makime		S W
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OPERATOR DNOCL	<u></u>	Somples Examined From	n:											
CONTRACTOR DISCOVERY DOWN	R. a. 2	Geological Supervision	From											
CONN. 7-7-14 COMP: 7	1-17-14	Geological Supervision Wellette Geologist	<u>Con Nelson</u>						, and an and the second se		anna an			
CONTRACTOR DISCAVERY DOMLARY COMM: 7-7-14 COMP: 7 CASING RECORD		Electricol Surveys												
SURF: 8% "@ 221" PROD: N		DEASING ME	uner, mu	<u> </u>						4				
						·					and the second			
TOTAL DEPTH DRILLERS: <u>3878</u> TOTAL DEPTH LOG <u>3878</u>		-	. 5 .			_								
FORMATION TOP				STRUCTURAL										
FORMATION	TOP	ELECTRIC LOG	DATUM	POSITION								*****	-	\
TRP ANALORITE		1412	<u>-1752</u>								<i>i</i>			
BASE ANNYDAILE		1454		<u></u>										
TOPERA	3168	3161	-1003	UL .						•				
HEERNER	3418	3414	-1255	1,	19499/1949									
TRANTO	3437	3438	-12.24											
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REFERENCE WELL FOR STRUC	TURE DNO	CI'S SUND	<u>sy #1-13(</u>	D 1040'Fax						5				
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\$ 3.50 PEL 13-14-10	and the second	and the second	and the second						1.1					

				DRILL ST	EM TEST	S			x		I		I. 1	1	l
No.	Intervol	lFP∕∏me	ISIP/Time	FFP/Time	FSIP/Time	MH-FHH	RECOVERY		San S	~					
			÷					Dolomite		REMARKU					2016/2019/00/P
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						· · · · · · · · · · · · · · · · · · ·		LEGEND Shale Carb sh Limestone Ool.Lime C	LITHOLOGY	SAMPLE DESCRIPTIONS					
								Rander Street Stre	DEPTH	ī					
	RKS AND RECOMMEN	ATTOHS				<u>2</u> W Ang	Ton Low Eal AB	Anhydrite Salt	DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases	5" 10" 15" 20" 25"					

i



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				REMARKS	RNG
				OIL SHOWS	
				SAMPLE DESCRIPTIONS	LOCATION 325 FX
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				/Fc	OPERATOR DUCCI LEASE State 12-13 ELEVATION 2104 KB

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# DRILL STEM TEST REPORT

Prepared For:

### **Downing Nelson Oil Company**

PO Box 1019 Hays KS 67601

ATTN: Ron Nelson

### Sunley #2-13

### 13-14s-19w Ellis,KS

 Start Date:
 2014.07.11 @ 07:39:30

 End Date:
 2014.07.11 @ 13:31:00

 Job Ticket #:
 58912
 DST #:
 1

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

	DRILL STEM TES	TREP	ORT				
	Dow ning Nelson Oil Company		13-	14s-19w	Ellis,K	S	
ESTING , INC	PO Box 1019 Hays KS  67601			<b>nley #2-</b> Ticket: 58		DST	'#· 1
	ATTN: Ron Nelson					@ 07:39:3	
GENERAL INFORMATION:							
Formation:Lower TopekaDeviated:NoWhipstock:Time Tool Opened:08:59:50Time Test Ended:13:31:00	ft (KB)		Tes Tes Unit	ter:	Conventic Tate Lanç 77		Hole (Initial)
Interval:3376.00 ft (KB) To33Total Depth:3395.00 ft (KB) (TVHole Diameter:7.88 inches Hole			Refe	erence Ele KB t	evations: o GR/CF:	2160.	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8898OutsidePress@RunDepth:32.15 psigStart Date:2014.07.11Start Time:07:39:31TEST COMMENT:Weak surface black	End Date: End Time:	2014.07.11 13:31:00	Capacity Last Calit Time On Time Off	o.: Btm: 2		8000. 2014.07 1 @ 08:59: 1 @ 12:00:	:40
Dead no blow ba Weak surface blo Dead no blow ba	ck ow built to 1 1/2" ck	I					
Pressure vs. T V 856 Pressure	me ⊽ 858 Tempenáre	Timo		RESSUF			
1500	110	Time (Min.)	Pressure (psig)	Temp (deg F)	Annota		
	105	0	1606.06 10.44	104.53 103.66	-	dro-static Flow (1)	
		46	21.14	105.00	-		
· 1000		91	1098.74		End Shu		
		91 136	23.80 32.15		Shut-In(	o Flow (2) 2)	
			1065.61 1615.24	110.37 110.37	End Shu		
9994 11 Fri Jul 2014 Time (Hours)	1271						
Recovery			<b>·</b>	Ga	s Rates		
Length (ft) Description	Volume (bbl)			Choke (i	nches) Pre	essure (psig)	Gas Rate (Mcf/d)
50.00 MCW with skim of oil on t	op 70%W 30%N0.70						
				Printed [.]			

	DRILL STEM TES	ST REP	ORT			
	Dow ning Nelson Oil Company		13-14s-1	9w Ellis,KS	6	
ESTING , INC	PO Box 1019		Sunley	<b>#2-13</b>		
	Hays KS 67601		Job Ticket:	58912	DST#:	1
	ATTN: Ron Nelson		Test Start:	2014.07.11	@ 07:39:30	
GENERAL INFORMATION:						
Formation:Lower TopekaDeviated:NoWhipstock:Time Tool Opened:08:59:50Time Test Ended:13:31:00	ft (KB)		Test Type: Tester: Unit No:	Conventior Tate Lang 77	nal Bottom He	ole (Initial)
Interval:3376.00 ft (KB) To33Total Depth:3395.00 ft (KB) (TNHole Diameter:7.88 inches Hole				Elevations:		) ft (KB) ) ft (CF) ) ft
Serial #: 8897InsidePress@RunDepth:psigStart Date:2014.07.11Start Time:07:39:53	@ 3377.00 ft (KB) End Date: End Time:	2014.07.11 13:31:12	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 2014.07.11	
TEST COMMENT: Weak surface bl Dead no blow ba Weak surface bl Dead no blow ba	nck ow built to 1 1/2"					
Pressure vs. T	ime 557 Temperature		· · · · · · · · · · · · · · · · · · ·	URE SUM		
11 F6 M2274		Time (Min.)	Pressure Tem (psig) (deg		tion	
Recovery			(	Gas Rates		
Length (ft) Description	Volume (bbl)		Cho	oke (inches) Pres	sure (psig)	Gas Rate (Mcf/d)
50.00 MCW with skim of oil on t	op 70%W 30%M0.70					
L	Ref No: 58912					

$\Delta O h$	RILOE	RITE	DRI	LL STE	M TEST	REPO	RT	TOOL DIAGRAM
	_		1	ng Nelson Oil (	Company		13-14s-19w Ellis,KS	
	I EST	TING , INC					Sunley #2-13	
			Hays K	S 67601			Job Ticket: 58912	DST#:1
NON .			ATTN:	Ron Nelson			Test Start: 2014.07.11 @	07:39:30
Tool Informatio	on		ļ					
Drill Pipe:	Length:	3378.00 ft	Diameter:	3.80 in	ches Volume:	47.38 bb	l Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 in	ches Volume:	0.00 bb	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 in	ches Volume:	0.00 bb	Weight to Pull Loose:	65000.00 lb
Drill Pipe Above I	KD.	22.00 ft			Total Volume:	47.38 bb		0.00 ft
Depth to Top Pac		3376.00 ft					String Weight: Initial	45000.00 lb
Depth to Bottom		5570.00 ft					Final	45000.00 lb
Interval between		19.00 ft						
Tool Length:		39.00 ft						
Number of Packe	ers:	2	Diameter:	6.75 in	ches			
Tool Comments:								
Tool Comments: Tool Description	on	Le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
	on	Le	<b>ngth (ft)</b> 5.00	Serial No.	Position	<b>Depth (ft)</b> 3361.00	Accum. Lengths	
Tool Descriptio	on	Le	-	Serial No.	Position	• • • •	Accum. Lengths	
<b>Tool Descriptio</b> Shut In Tool Hydraulic tool	on	Le	5.00	Serial No.	Position	3361.00	Accum. Lengths	Bottom Of Top Packer
<b>Tool Descriptio</b> Shut In Tool Hydraulic tool Packer	on	Le	5.00 5.00	Serial No.	Position	3361.00 3366.00		Bottom Of Top Packer
<b>Tool Descriptio</b> Shut In Tool Hydraulic tool Packer Packer	on	Le	5.00 5.00 5.00	Serial No.	Position	3361.00 3366.00 3371.00		Bottom Of Top Packer
<b>Tool Descriptio</b> Shut In Tool Hydraulic tool Packer Packer Stubb	on	Le	5.00 5.00 5.00 5.00	Serial No. 8897	Position	3361.00 3366.00 3371.00 3376.00		Bottom Of Top Packer
Tool Description Shut In Tool Hydraulic tool Packer Packer Stubb Recorder	on	Le	5.00 5.00 5.00 5.00 1.00			3361.00 3366.00 3371.00 3376.00 3377.00		Bottom Of Top Packer
<b>Tool Descriptio</b> Shut In Tool	on	Le	5.00 5.00 5.00 5.00 1.00 0.00	8897	Inside	3361.00 3366.00 3371.00 3376.00 3377.00 3377.00		Bottom Of Top Packer

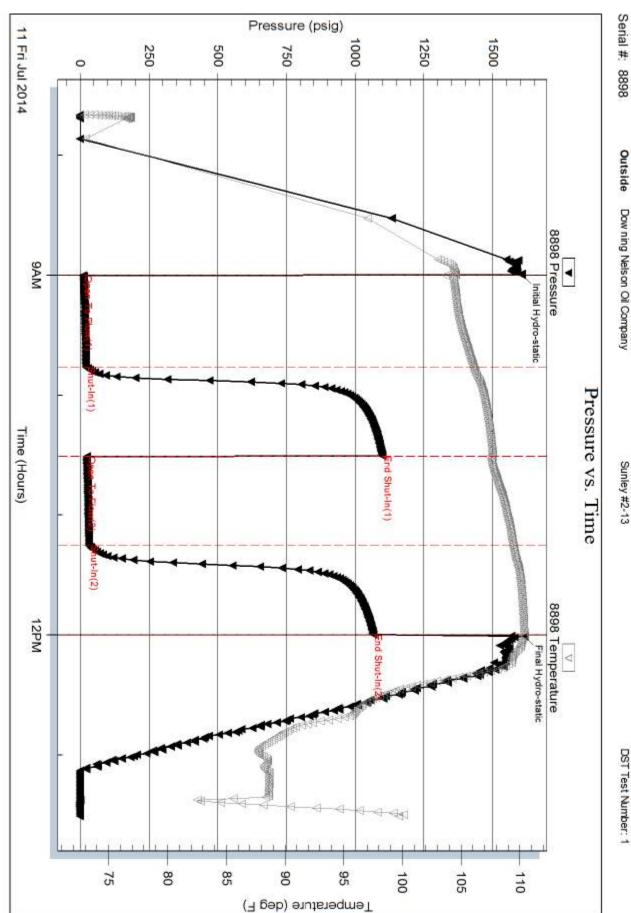
Total Tool Length: 39.00

		RILL STEM TEST REPO	RT	FI	LUID SUMMAR
RILOBITE TESTING , INC		ow ning Nelson Oil Company	13-14s-19	w Ellis,KS	
		D Box 1019 ays KS 67601	Sunley #		DST#: 1
1.2	A	TTN: Ron Nelson	Test Start:	2014.07.11 @ 07:3	39:30
Mud and Cushion Info	mation				
Mud Type:Gel ChemMud Weight:9.00 lb/Viscosity:57.00 seVater Loss:7.19 in³Resistivity:ohSalinity:5200.00 ppFilter Cake:1.00 inc	ec/qt m.m pm	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	ft bbl psig	Oil API: Water Salinity:	deg AP 40000 ppm
Recovery Information					
-		Recovery Table		_	
	Length ft	Description	Volume bbl		
-	50.	00 MCW with skim of oil on top 70%W 30%		1	
Tota	l Length:	50.00 ft Total Volume: 0.701	bbl	_	
Reci	overy Comments	5:			

Printed: 2014.07.17 @ 10:02:00

Ref. No: 58912

Trilobite Testing, Inc



Sunley #2-13

Outside

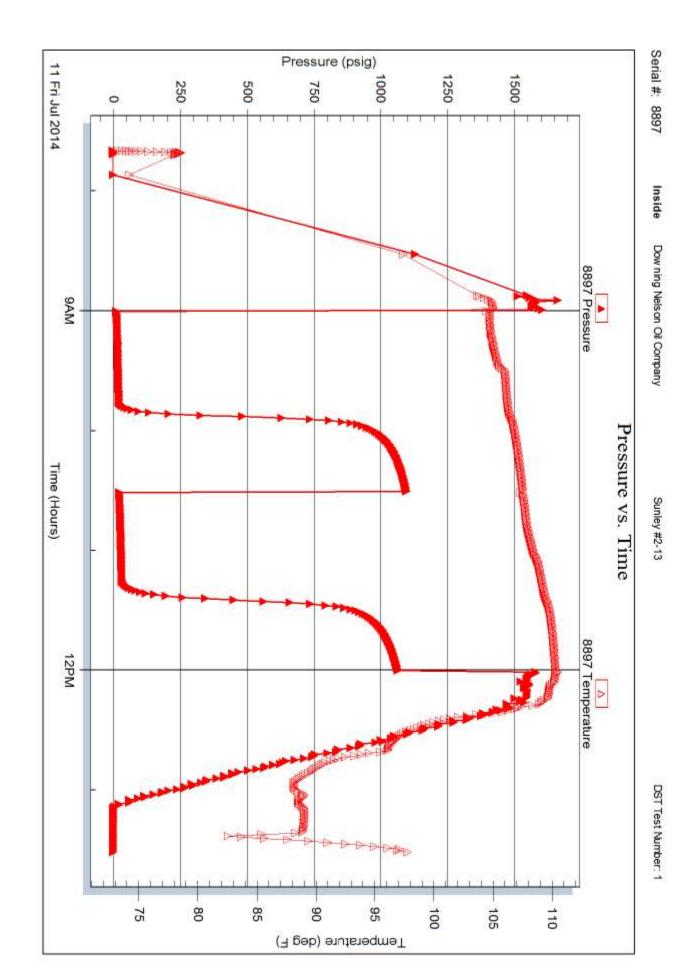
Dow ning Nelson Oil Company

DST Test Number: 1

Printed: 2014.07.17 @ 10:02:01

Ref. No: 58912

Trilobite Testing, Inc



4/10	RILOBITE ESTING INC 1515 Commerce Parkwa	ay ∙ Hays, Kansas 67601		NO. 5		
Well Name & No. Company DOW Address DOB	unlar # 2-1- Amy Nelson (	3 Dil Longay Hays HD 6	_Test No Elevation 769/	168	аte <u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>	/4 @_gl
Co. Rep / Geo.	3	_ Rge. 19	co. Elli	5	State/	45
Interval Tested	& 3395 19	Zone Tested	er Topek 3378		1 Wt. 817	
Top Packer Depth Bottom Packer Depth	3375	Drill Collars Run Wt. Pipe Run	2	Vis	572	
Blow Description	call Surface	Chlorides 52 6 low built	4021	System LCM	A	
W	gast surface a No blow A	Slow built :	ta (1/21	, ?		
Rec F	Feet of		%gas	%oil	%water	%mud
Rec F	eet of	23	%gas	%oil	%water	%mud
Rec_50F	eet of NCW With	Skindfoil	%gas	%oil 7	D %water	30%mud
RecF	Feet of		%gas	%oil	%water	%mud
RecF	eet of		%gas	%oil	%water	%mud
Rec Total 5 C	BHT 110	Gravity AP	PIRW, 181 @	90 °F Ch	lorides 40	ppm
(A) Initial Hydrostatic	1664	Test1150		T-On Locati	20010	
(B) First Initial Flow	10	□ Jars		T-Started	0734	
(C) First Final Flow	21	Safety Joint		T-Open_C	2960	A. S. S. S.
(D) Initial Shut-In	1099	Circ Sub		T-Pulled	200,	
(E) Second Initial Flow	24	Hourly Standby		T-Out	3.31	
(F) Second Final Flow	32	Mileage 14 R	H 43.4	0	Loude	1-65
(G) Final Shut-In	1066c	□ Sampler	Y-I	ac	1450	
(H) Final Hydrostatic	1615	Straddle		1		
					Shale Packer	
Initial Open		Shale Packer	1		Packer	
Initial Shut-In	45	Extra Packer			opies 800	
	LIC	Extra Recorder	0 1/	Sub Total _		10
Final Flow	115	Day Standby		Total		
Final Shut-In		Accessibility	193.40	MP/DST D	lisc't	/
Approved Dec				Art	ha	//
Approved By		OUF R	epresentative	110	11/	

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 sustainent, directly or interestly, 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.

÷	ana a Ny faritr'o ara-dahara	o uma despar		·	•
QUALI	<b>FY OILWE</b>	ELL CE	EMENT	ING. IN	C.
	Federal	Tax I.D.# 20-2	2886107		ore
Phone 785-483-2025 Cell 785-324-1041	Home Office P.	O. Box 32 Rus	ssell, KS 67665	No.	000
Sec.	Twp. Range	County	State	On Location	Finish
Date 7-7-14 13	14 19	<b>PIIIS</b>	<u> KS</u>		14spim.
nda on olivie de l'alterne de la grafia de seda a colo. Na colomba o trabativa en la color a gracita da cal		Location Haysuc	00 H Course Rd	In the line	<u>*</u>
Lease Sun IN	Well No.2-13	Owner		25/W,	125 Winto
Contractor D, Scapor #2		You are here	ilwell Cementing, Inception of the second se	t cementing equipmer	it and furnish
Type Job Surface		cementer an	d helper to assist ov	vner or contractor to d	o work as listed.
Hole Size 12/4	T.D. 221	Charge D	owning NA.	6n and	
Csg. 25/8	Depth 220	Street			
Tbg. Size	Depth	City		State	* *
Tool	Depth	The above wa	as done to satisfaction	and supervision of owne	r agent or contractor.
Cement Left in Csg. 1.5	Shoe Joint 15	Cement Amo	ount Ordered	com 3/cc	2. CEL
Meas Line	Displace 13BL				
EQUIP		Common	150		
Pumptrk 20 No. Cemente	aig	Poz. Mix	· · · ·		
No. Driver	<u>e</u>	Gel.	3		
Bulktrk 15 No. Driver	Hen	Calcium -	5	· · ·	
JOB SERVICES	& REMARKS	Hulls			
Remarks:		Salt			
Rat Hole		Flowseal	· · · · ·		
Mouse Hole		Kol-Seal			
Centralizers		Mud CLR 48	3		
Baskets	St. Sec.		CD110 CAF 38		
D/V or Port Collar		Sand		1.	
	C. C. June	Handling	58		
8/8 on Dorrow f	bst. Circulation.	Mileage			
JUL ISOSE & USP	<u></u>	ivincege	FLOAT EQUIP	JENT	
- Annal /	1.51	Guide Shoe			
	lated -	Centralizer		<u>.</u>	
		Baskets	······································	the second s	
		AFU Inserts			
		Float Shoe			
		Latch Down			
					7
				2	
		Pumptrk Cha	arge Jun fac		
and the second secon	n na sea ann an sea ann an sea Tha ann an seann an s	Mileage 4		Tax	
· <u>····································</u>				Discount	
the second secon	, <u> </u>		and a state of the second	Total Charge	
Ŝignature	1-1-1-			iotal Onarge	

QUALI	TY OILWEI Federal Ta	LL CEMENTING, INC. ax I.D.# 20-2886107
Phone 785-483-2025 Cell 785-324-1041		Box 32 Russell, KS 67665 No. りりお
Date 7 - 13-2014 13	Twp.         Range           14         19         2	County State On Location Finish
ander ander ander an oppertensionen. Er Nahmer Aller		ation HAY'S KS, GiaIF Course KD, IW Topp 220
Lease Scinkey	Well No. 2 -13	Owner 2 5 TO DXY Diew RO BU TATO
Contractor Discovery DelG	Rig#2	To Quality Oilwell Cementing /Inc. You are hereby requested to rent cementing equipment and furnish
Type Job Rotary Plu	e 1/8 Hole	cementer and helper to assist owner or contractor to do work as listed.
Hole Size 77/20	T.D. 3878	To DOWNING & NelSON (IL CO IN
CSg. 85/8 Sulface	Depth 22	Street
Tbg. Size 4/2 X-H	Depth 2 378,2	City
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg.	Shoe Joint	Cement Amount Ordered 3055x - 20 48 Gel
Meas Line	Displace	14# FIR Seal / PER SX
EQUIP		Common 83
No. Cementer	Glenn G	Poz. Mix /2.2
Pumptrk / O Helper	Doyd He	Gel.
Bulktrk / Driver		
Bulktrk Driver		Calcium
JOB SERVICES	S& HEMARKS	Hulls
Remarks:		Salt
Rat Hole '30 5x	<u> </u>	Flowseal 61
Mouse Hole 36×		Kol-Seal
Centralizers		Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand
		Handling 3/6
50 SKO	3782	Miléage
SON GX G	1430	FLOAT EQUIPMENT
100 SK@	11001	Guide Shoe
	280'	Centralizer
<u></u>		Baskets
	40 + P/ug	
<u></u>	Kut Hole	/ AFU inserts
<u> </u>	Mouse Hole	Float Shoe
	<u> </u>	Latch Down
		818 WORDEN WIPER ITYS
	<u>. 6</u>	
ener de la constitue de la cons		Pumptrk Charge D/ U.g
ATAN	KO	Mileage 4
1 mg		
		Discount
		Total Charge