

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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 / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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MUD LOG
WellSight Systems
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Tennyson #1-13
API: 15-141-20495
Location: NE SW SW NE Sec 13, T10S-R12W
License Number: 31385
Spud Date: 10/6/22
Surface Coordinates: 39.185709,-98.608322
Region: Osborne
Drilling Completed: 10/10/22

Bottom Hole
Coordinates:
Ground Elevation (ft): 1718.5 K.B. Elevation (ft): 1728.5
Logged Interval (ft): 2350 To: 3110 Total Depth (ft): 3110
Formation: KC G
Type of Drilling Fluid: Chemical gel based mud

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: MG Oil Inc.
Address: P.O. Box 162
Russell, Ks 67665

GEOLOGIST

Name: Chad Counts
Company: MG Oil Inc.
Address: P.O. Box 162
Russell, Ks 67665

Comments

The Tennyson 1-13 was drilled with Southwind Rig #8 rotary tools commencing 10/6/22 and total depth was reached 10/7/22.

This location ran significantly lower than seismic prognosis. Owing to the low structural position, lack of reservoir development and shows, it was recommended by all parties to plug and abandon the well.

Respectfully submitted,

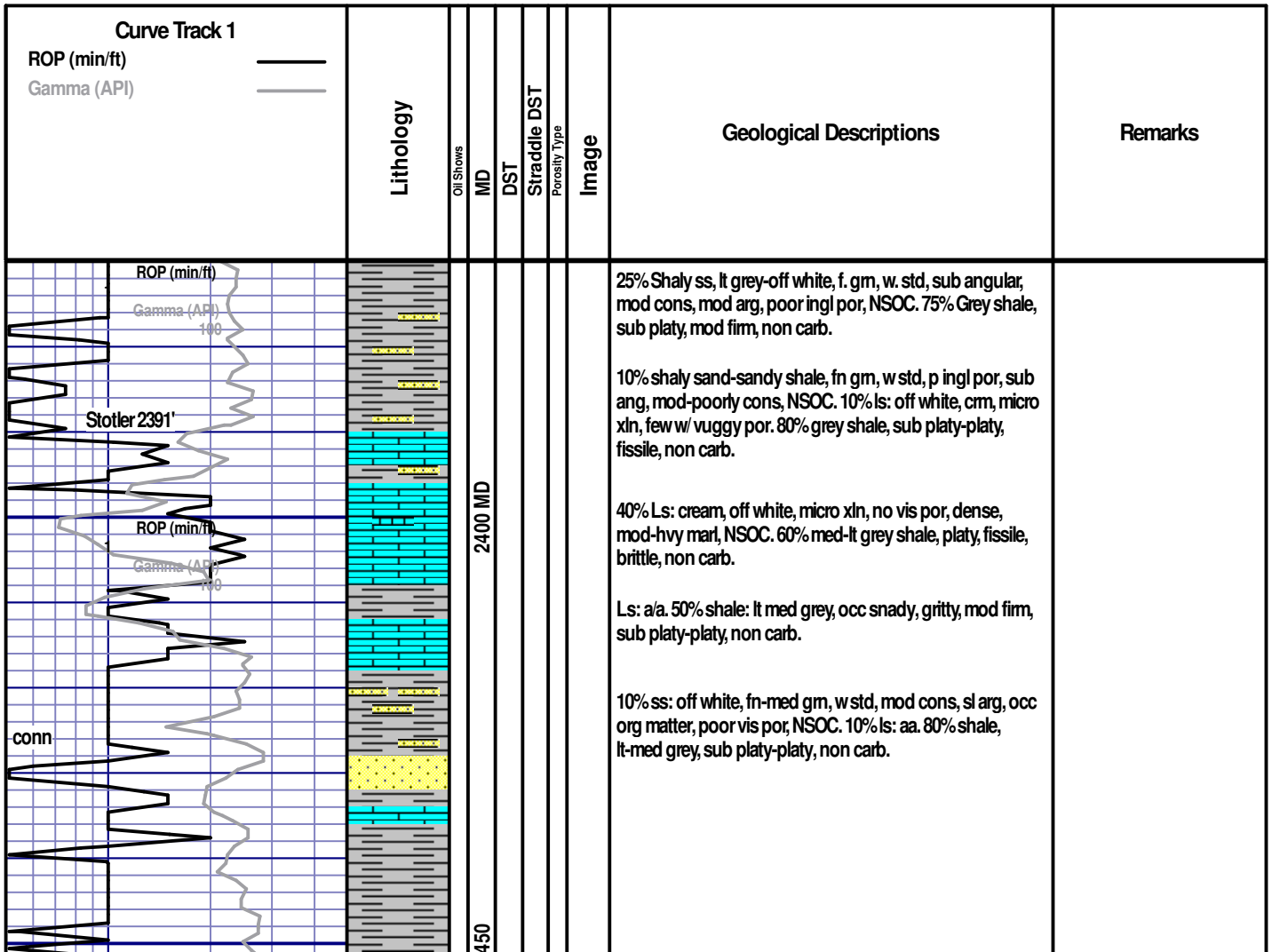
Chad Counts

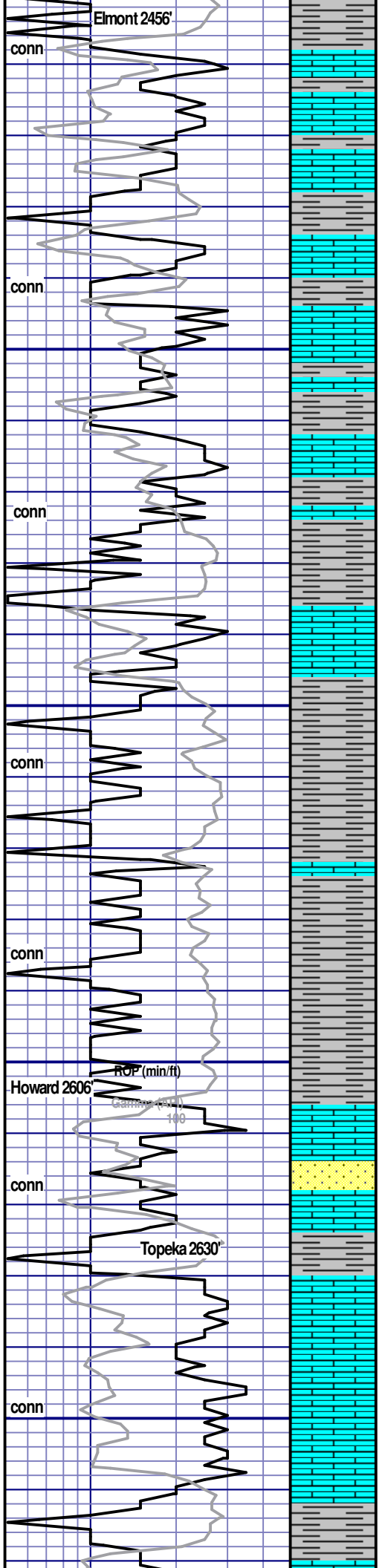
Formation Tops

Formation	Comparison Wells						Drilling Location	
	Lowermen 1 (D&A)		Pike #1 (D&A)		Siga #2 (Oil)		Tennysen #1	
	SE NW SW Sec 12-10S-12W		SW NE SW Sec 18-10S-11W		NW SW Sec 11-10S-12W		NE SW SW NE Sec 13, T10S R12W	
	Grn Top	Struc. Comp	Log Top	Struc. Comp	Log Top	Struc. Comp	Sample Top	Log Top
Stone Coral	988	9	1005	-8	972	25	731 (997)	
Stone Coral Base	955	11	973	-7	940	26	763 (966)	
Stotler	-659	-3	-656	-6	NA	NA	2391 (-662)	2391 (-662)
Topeka	-896	-5	-896	-5	-895	-6	2630' (-901)	2630' (-901)
King Hill	-1025	-1	-1021	-5	-1022	-4	2756 (-1027)	2755' (-1026)
Queen Hill	-1094	-3	-1091	-6	-1091	-6	2827' (-1098)	2826' (-1097)
Heebner	-1174	-4	-1174	-4	-1172	-6	2910' (-1181)	2907' (-1178)
Toronto	-1195	-6	-1199	-2	-1196	-5	2932 (-1203)	2930 (-1201)
Lansing	-1231	-4	-1233	-2	-1227	-8	2967 (-1238)	2964' (-1235)
D Porosity	-1286	-3	-1287	-4	NDE		3020' (-1291)	3018' (-1289)

ROCK TYPES

	Anhy		Coal		Igne		Mrlst		Shgy
	Bent		Oolitic limestone		Dark grey shale		Salt		Sltst
	Brec		Congl		Black shale		New symbol		Ss
	Cht		Dol		Lmst		Shale		Till
	Clyst		Gyp		Meta		Schol		





2500

2550

2600 MD

2650

Sh: med-dk grey, sub platy-platy, firm, non carb, no silty, sl. calc.

Sh: light grey, teal, dk grey, platy-sub platy, mod firm, brittle, fissile, non carb. 10% ls, lt grey arg, fn-micro xln, poor vis por, rare vuggy por, NSOC.

30% Ls: light grey, buff, beige, micro xln-fn xln, abndnt fossil frag (fusulinids), mod hvy arg, sl marl, NSOC. 70% sh a/a

25% Ls: light grey, beige, micro xln, no vis por, dense, trc fos frag. 25% shaly sand-sandy shale, fn g, w std, w cons, calc cement, v arg, poor-no vis ingl por. 50% lt grey shale, soft, sub platy, non carb.

Ls: lt grey-beige, micro xln dens, mod marl cont, no vis por, trc foss frag, NSOC. Sh: a/a

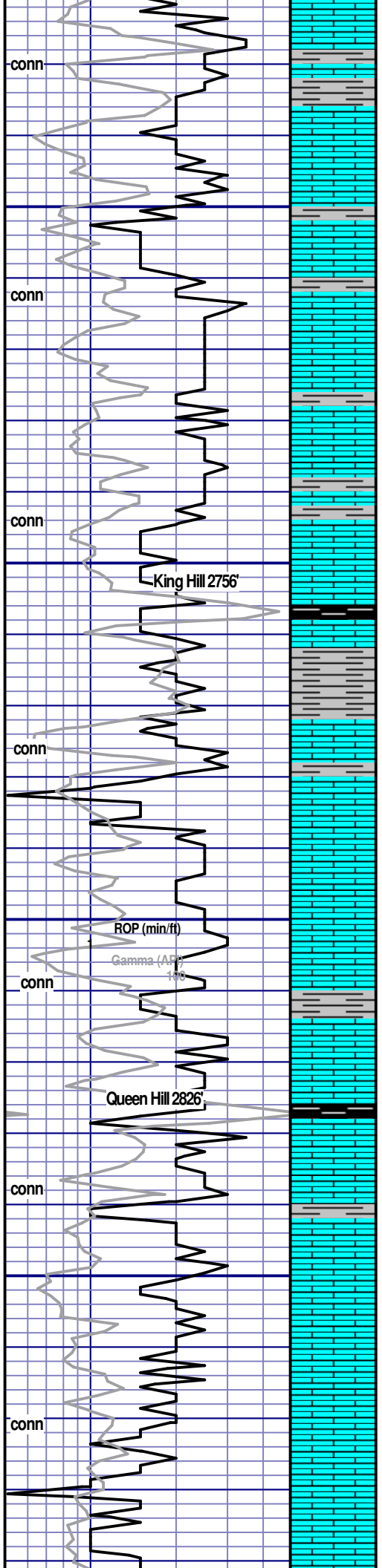
Ls: cream, lt grey-beige, micro xln, v dense, hard, trc fossil frag, trc mot plant mat, no vis por, NSOC.

Ls: buff-cream, micro xln, litho tex, no vis por, trc fos frag, trc mottled plant matter, one cutting w/questionable dead oil stn, no odor or cut.

Ls: cream, beige, micro xln, dense, r scat pp vug, r scat fossil frag, 2 cuttings w/dead stn, no free oil or odor. Sh: lt grey, soft, sl silty, non platy-subplaty.

Ls: lt grey-cream, micro xln, mod arg, dense-occ brittle, poor-no vis por, occ scat fos frag, no vis por, trc imbedded

Mud co check:
MW 9.1
Vis 59
Filtrate 5.0



2700

2750

2800 MD

2850

pyrite, NSOC. No odor. 20% sh a.a

Chloride:2000ppm
2# LCM

Ls: cream, beige, lt brown, most micro xln dense, sl-mod marl, no vis por. Trc biopackstone, 750 micron clasts, poor std, no sec por. Sh: lt-med grey, subplaty, mod firm.

Ls: cream, lt grey, micro xln, several fusulinids, no vis por, trc marl, sl-mod arg, NSOC. Sh: med grey, sub platy, sl calc.

Ls: lt grey, beige, micro xln-vfn xln, brittle & dense, poor inxl por, occ. mod marl, r. scat pp vug filled w marl, trc, scat org mat, NSOC.

MW 8.6
VIS 59
2# LCM

Ls: lt grey, beige, cream, micro xln-fn xln, dense-brittle, occ porr cemented w/ mod marl, poor vis inxl por, occ. scat pp vug, litho and earthy tex, NSOC.

Ls: light grey, beige, cream, fn xln, brittle, mod-hvy marl, mod arg, occ. fusulinids, poor marl filled inxl por, trc org material, NSOC.

Ls: light grey, beige, sl-mod marl, mod-hvy arg, fn xln-micro xln, mod brittle-desne, occ fusulinids, no vis por, NSOC.

Ls: cream, beige, lt brown, micro xln-fn xln, mod arg, mod-hvy marl, poor vis por, occ. mottled org mat, trc fossil frag, NSOC. Sh: light grey- green, soft smooth, sub platy.

Ls: lt grey-cream, brittle, hvy marl, poor inxl por, NSOC. Dk grey-black shale, mod carb, sub platy.

Ls: beige, brown, cream, fn xln, poor-fr inxl por, very brittle, hvy marl, abd. org mat, NSOC, 5% black shale, firm, platy, carb.

Ls: cream, beige, fn xln, brittle, v hvy marl, washes lt grey-white, poor- fair inxl por, scat org mat, NSFOC.

Ls cream, off white, micro xln, dense, litho tex, no vis por, occ brittle, sl marl, NSOC.

Ls: cream-grey, micro xln, brittle-dense, sl-mod marl, trc oolitic gs, w. std, 250-350 microns, v poor-no vis sec por, NSOC.

Ls: cream, beige, micro xln, litho tex, no vis por, tro-mod marl, dense, NSOC.

Ls: grey, cream, buff, micro xln-vfn xln, mod marl, svrl brittle, occ. fossil frag, no vis por, NSOC.

Ls: cream, lt grey, beige, fn xln-micor xln, sl marl, brittle-occ dense/ hrd, no vis por, abd org matter,svrl fossil frag NSOC. 5% Black shale: firm, platy, carb.

Ls: grey, beige, buff, micro xln, mod arg, mod-hvy marl, washes white, most dense, occ brittle, no vis inxl por, occ. fos frag, occ org mat, NSOC.

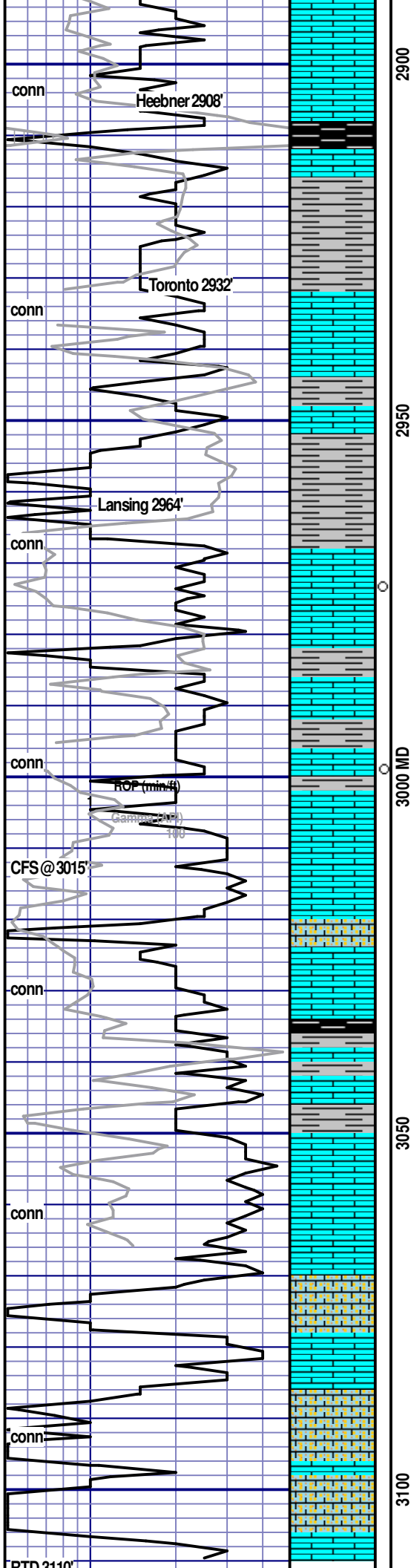
Ls: light grey-cream, fn xln, mircor xln, hvy marl, poor vis inxl por, v brittle, NSOC.

Ls: cream-light grey, sevrl clasts, earthy tex, no vis por, abndnt org matter, NSOC.

Ls: cream-light grey, micro-fn xln, occ oolitic, <300 microns, poor-no vis por, v hvy marl, NSOC.

Ls: cream-off white, micro xln, v hvy marl, occ oolitic w/ marl filled por, occ. or matter, NSOC.

Ls: cream-beige, micro xln, dense-brittle, very hvy marl, no



vis por, NSOC.

Ls: beige, lt brown, micro xln-vfn xln, dense, hard, very poor-no vis por, <1% w/ dead gilsonite stain, one cutting with live edge stain, no free oil, faint odor.

Flood black shale, firm, platy, blocky, very carb. Ls: beige, lt brown, fn xln, abdnt mot org mat, very hvly marl, white wash (50% marl in tray)

Ls: beige brown, micro xln, dense, hard, r. brittle, no vis por, mod-hvy mot org mat, NSOC. Sh: light grey soft, gummy, easily washed.

Ls: cream, micro-vf xln, dense, v hard, litho text, no vis por, mod marl. Few cutting w/very slight dead edge stain, no free oil or odor. 50% SH: Light dove grey, grey green, smooth soft, non platy.

MW 8.9
Vis 53
2# LCM

Ls: cream, lt grey, micro xln, no vis por, dense. Abdnt light grey shale, soft, non platy.

Red shale: soft, non platy, easily washed. Ls: cream, micro xln, dense, no vis por, NSOC.

Lansing A: Ls cream, fine-micro xln, dense, mod hard, occ granular tex, v poor-no vis por, occ r scat vugs<150 microns trace live edge stain, very faint sweet gassy odor, no free oil.

Med-dk grey shale, subplaty firm, sl carb. Ls: cream, Ls: a/a trc edge stain, no free oil, questionable odor. 3 cuttings w/ vf xln matrix, r scat pp vugs, scat even live stain/sat.

Ls cream, micro xln-fn xln, few sub oolitic, ooid <350 microns, very poor sec por, r scat pp vug, very faint ques od, sl edge and scat stain, no free oil.

Ls: cream-lt grey, occ arg, micro xln-vfn xln, no vis por, NSOC.

Ls: cream, lt grey, beige, micro xln, trc oolitic gs, 350-500microns, porly std, no vis sec por, 3 cutting w/ hvly dead asphaltic stain, no free oil or odor.

D porosity: sub oomoldic-oomoldic (several w no dissolution), mod-well std, fair moldic por, poor connectivity, 500-750 micron ooids, NSFO, stain, or odor.

Ls: cream, micro xln, dense, no vis por, trc fos frag, trc brown chert, NSOC. 10% dk grey-black shale, platy, firm, sl carb.

Ls: lt grey-cream, micro xln-occ r fn-med xln, dense, v hard, no vis por, NSOC/

Ls: cream, off white, lt grey, micro xln, dense, no vis por, sl marl, sl cherty (translucent-lt grey), NSOC.

MW 9.1
Vis 54
2# LCM

Ls: lt grey-cream, beige, micro xln-fn xln, dense, no vis por, mod arg, NSOC. Sh: lt-med grey, calc, firm, sub platy, abdnt org mat.

Ls: cream, oolitic, w. std, 350-500 microns, w cons, poor sec oom and castic por, very hard, NSOC.

Oolitic limestone: cream, off white, 500-710 microns, well std, excellent moldic por, poor connected, w cons, NSFOC. no odor.

Mud co check:
MW 9.0
Vis 55
Filtrate 5.4

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3060

Date	10/7/22	Sec.	13	Twp.	10	Range	12	County	Osborne	State	Kansas	On Location		Finish	5:15am	
								Location	Luray 5N SE 1/2 S			Winto				

Lease	Tennyson	Well No.	1-13	Owner											
Contractor	Southwind Drilling Rig				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.										
Type Job	Surface														

Hole Size	12 1/4	T.D.	2250	Charge To	MG Oil										
Csg.	8 5/8	Depth	2250	Street											
Tbg. Size		Depth		City		State									
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.											
Cement Left in Csg.	15'	Shoe Joint	15'	Cement Amount Ordered	150 80%	3 1/6 cc	2% gel								
Meas Line		Displace	13-4												

EQUIPMENT

Pumptrk	16	No.	Cementer	Jordan	Common	120									
			Helper		Poz. Mix	30									
Bulktrk	1	No.	Driver	Bryant	Gel.	3									
			Driver		Calcium	6									
Bulktrk	PU	No.	Driver	David	Hulls										

JOB SERVICES & REMARKS

Remarks:															
Rat Hole															
Mouse Hole															
Centralizers															
Baskets															
D/V or Port Collar															
Ran 6 5/8 est. Circulation and cemented with 150 sks and displaced															
Handling 159															
Mileage															

FLOAT EQUIPMENT

Guide Shoe															
Centralizer															
Baskets															
AFU Inserts															
Float Shoe															
Latch Down															
Cement Did Circulate															
Pumptrk Charge	Surface														
Mileage	34														

X Signature	W. Robert	Thanks	Tax	
			Discount	
			Total Charge	

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

Home Office P.O. Box 32 Russell, KS 67665

No. **3062**

Cell 785-324-1041

Date	10/11/22	Sec.	13	Twp.	10	Range	12	County	Osburne	State	Kansas	On Location		Finish	5:15 pm
Location <u>Luray 5N 5E 12S winto</u>															

Lease	Tennyson	Well No.	1-13	Owner	To Quality Oilwell Cementing, Inc.
Contractor	Sourwind Drilling Rig 8				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Type Job	Plug				
Hole Size	7 7/8	T.D.	3110	Charge To	M G Oil
Csg.		Depth		Street	
Tbg. Size	Drill pipe	Depth	725'	City	State
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.		Shoe Joint		Cement Amount Ordered	185 ⁶⁰ / ₄₀ 4% gel
Meas Line		Displace			

EQUIPMENT

Pumptrk	16	No.	Cementer	Jordan	Common	111
			Helper		Poz. Mix	74
Bulktrk	21	No.	Driver	Bryant	Gel.	6
			Driver		Calcium	
Bulktrk	pu	No.	Driver	David		
			Driver			

JOB SERVICES & REMARKS

Remarks:		Hulls	
Rat Hole		Salt	
Mouse Hole		Flowseal	50#
Centralizers		Kol-Seal	
Baskets		Mud GLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	
		Handling	191
		Mileage	

FLOAT EQUIPMENT

		Guide Shoe	
		Centralizer	
		Baskets	
		AFU Inserts	
		Float Shoe	
		Latch Down	
		Wood Plug	
		Cement Did Circulare	
		Pumptrk Charge	Plug
		Mileage	34

X Signature	Doug Rolet	Thanks	Tax	
			Discount	
			Total Charge	