

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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Form	ACO1 - Well Completion
Operator	R. P. Nixon Operations, Inc
Well Name	LEIKER 6 TWIN
Doc ID	1647720

All Electric Logs Run

Dual Comp Density
Microresistivity
Cement Bond
Dual Induction

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. **2735**

Date	3-20-22	Sec.	26	Twp.	13	Range	16	County	Ellis	State	KS	On Location	Finish	2:30pm
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Location *Walker 2w*

Lease <i>Leiker Twin #</i>	Well No. <i>6</i>	Owner
Contractor <i>Discovery 2</i>	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 <i>Long string</i>	Charge To <i>R.P. Nixon OP</i>	
Hole Size <i>7 7/8</i>	T.D. <i>3530</i>	Street
Csg. <i>5 1/2</i>	Depth	City
Tbg. Size	Depth	State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. <i>39.15</i>	Shoe Joint <i>39.15</i>	Cement Amount Ordered <i>175 QPROC</i>
Meas Line	Displace <i>82.97</i>	<i>500 gal/mud flush 20 bbl RCL</i>

EQUIPMENT

Pumptrk	No.	Cementer Helper <i>B.V.</i>	Common <i>175 Qproc</i>
Bulktrk	No.	Driver <i>David</i>	Poz. Mix
Bulktrk	No.	Driver <i>Doug</i>	Gel.
			Calcium

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole <i>15</i>	Salt <i>15</i>
Mouse Hole <i>30</i>	Flowseal <i>RCL 2 gal</i>
Centralizers	Kol-Seal <i>800 #</i>
Baskets	Mud CLR 48 <i>500 gal</i>
D/V or Port Collar <i>1060.43 #63</i>	CFL-117 or CD110 CAF 38
<i>pipe set e 3525.5</i>	Sand
<i>Shoe Jt. 39.15</i>	Handling
<i>Insert 3486.35</i>	Mileage
<i>pump 500 gal flush</i>	FLOAT EQUIPMENT
<i>Cement 130 ft</i>	Guide Shoe
<i>pump plug w/ 82.9 bbls</i>	Centralizer <i>10</i>
<i>w/ 20 bbls RCL</i>	Baskets - <i>2</i>
<i>land plug w/ 1600 #</i>	AFU Inserts
<i>Float did hold</i>	Float Shoe - <i>1</i>
	Latch Down - <i>1</i>
	<i>Port Collar - 1</i>

Pumptrk Charge *prod string*
Mileage *15*

X Signature *D Brooks*

Thanks

Tax _____
Discount _____
Total Charge _____

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. **2989**

Date	4-4-22	Sec.	Twp.	Range	County	State	On Location	Finish
					Ellis	Ks		1:30 PM

Lease	Walker - 1 1/2 N	E1S	Well No. #6	Owner
Contractor	C + B Well Service		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	port collar		Charge To	
Hole Size	5 1/2"		R.P. Nixon	
Csg.	2 3/8"		Depth	
Tbg. Size	1060'		Street	
Tool	Port Collar		City	
Cement Left in Csg.	Shoe Joint		State	
Meas Line	Displace		The above was done to satisfaction and supervision of owner agent or contractor.	
	3 BLS		Cement Amount Ordered	
	6 5x gel		250 80/20 QMDC 1/4 HP 1/4 sand	

EQUIPMENT				
Pumptrk	No.	Cementor	Helper	Common
18		Rick		150 80/20 Qmbc 1/4 flk
Bulktrk	No.	Driver	Driver	Poz. Mix
4		Dave		Gel. 6
Bulktrk	No.	Driver	Driver	Calcium
pin.		Doug	Caleb	

JOB SERVICES & REMARKS	
Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal 50 #
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
test tool 700 # Held	Sand
open tool establish circulation	Handling 250
Pump 6 5x gel + 150 5x QMDC + Displaced w/ 3 BLS.	Mileage
Closed tool + 700 # Held.	FLOAT EQUIPMENT
Run 5 5's + wash clean	Guide Shoe
Cement did circulate	Centralizer
150 5x 6 gel	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	Pumptrk Charge
	Port collar Job
	Mileage 15
	Tax
	Discount
	Total Charge

X Signature Bruce Palho

Thanks

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. 2480

Date	Sec.	Twp.	Range	County	State	On Location	Finish
3/15/22	26	13	16	Ellis	Kansas		12:00 am
Lease				Location			
Leiker				Walker 1/2 N E intro			

Well No.	Owner
6 Twin	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.
Contractor	Type Job
Discovery Drilling Rig 2	Surface
Hole Size	T.D.
12 1/4	309'
Csg.	Depth
8 5/8	309'
Tbg. Size	Depth
Tool	Depth
Cement Left in Csg.	Shoe Joint
15'	15'
Meas Line	Displace
	18.5

EQUIPMENT			
Pumptrk	No.	Cementer	Common
5		Helper	160
		Brett	Poz. Mix
			40
Bulktrk	No.	Driver	Gel.
9		Jordan	4
		Calab	Calcium
Bulktrk	No.	Driver	7
		David	

JOB SERVICES & REMARKS	
Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
Ran 8 5/8 and est. circulation with	Handling
	211
	Mileage

FLOAT EQUIPMENT	
	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Cement Did Circulate	Pumptrk Charge	Tax
	Surface	
	Mileage	Discount
	15	
	Thanks	Total Charge
X Signature		

GEOLOGICAL REPORT

Dan A. Nixon, Petroleum Geologist - Licensed & Certified

Well Name: #6 Leiker Twin

Location: SE SE NW SW (1582' FSL, 1266' FWL)
Section 26, T13S-R16W
Ellis County, Kansas

Operator: R.P. Nixon Oper., Inc.
207 West 12th Street
Hays, KS 67601-3898

Contractor: Discovery Drilling
1029 Reservation Rd.
Hays, KS 67601

Elevation: Central Kansas Surveying & Mapping
2344 Washington
Great Bend, Kansas 67530
Rotary Bushing: 1950'
Ground Level: 1942'

Samples: Ten foot samples from 2830'
to 3130' and five foot samples
from 3130' to 3530' RTD.

Time Log: One foot intervals from 2830'
to 3530' RTD. A copy of the
time log is included in this report.

Surface Casing: 8 5/8" @ 218' w/160 sacks

Production Casing: 5½" @ 3525.5' w/130 sx Qpro cement

Port Collar: Cemented @ 1060' w/150 sx

Spud Date: 3.14.2022
Completion Date: 3.20.2022

API #: 15-051-27,029-00-00

FORMATION TOPS:	SAMPLE DEPTH	LOG DEPTH	MINUS DATUM
Anhydrite (driller's)	1028'	1034'	+916
Anhydrite Base (driller's)	1060'	1074'	+876
Topeka	2907'	2908'	-958
Heebner Shale	3129'	3130'	-1180
Toronto Lime	3149'	3151'	-1201
Lansing	3177'	3180'	-1230
Base of the Kansas City	3418'	3421'	-1471
Gorham Sand	3431'	3435'	-1485
Arbuckle Dolomite	3482'	3487'	-1537
Total Depth	3530'	3534'	-1584

SAMPLE ANALYSIS OF ZONES OF INTEREST: (corrected to the electric log)

Lansing	3204'-80'	Lt. grey to off-white, fine crystalline limestone, poor to occasionally fair vugular porosity. Barren to light spotty stain with no show of free oil or odor. Not worthy of testing.
	3212'-15'	Same as above. Not worthy of testing.
	3354'-58'	White, fossiliferous limestone, fine crystalline, tight with occasional slight vuggy porosity. Barren to rare spotty stain. No show of free oil or odor in the wet samples.
Gorham Sand	3434'-44'	Fine to occasionally medium grained, off-white, angular, and well sorted sand. Poor to fair vugular porosity with fair spotty stain. Wet samples had a show of free oil and odor. This zone was the producing zone in the twinned well, the #1 Leiker. Test/perforate the upper portion of this zone due to the lower portion looking wet.

REMARKS:

Structurally, the Lansing top on the #6 Leiker Twin ran 2' high to the #1 Leiker (R.P. Nixon Operations, Inc.), the abandoned Gorham Sand producer that was offset 75'.

The Gorham Sand top on the #6 Leiker Twin ran 1' low to the same #1 Leiker well.

Based on it's structural position to the abandoned producer that was twinned, and the show of oil in the Gorham Sand drilling samples, (the producing zone in the #1 Leiker), 5½" casing was cemented at 3525.5' with 130 sacks for further testing.

Respectfully Submitted,

Dan A. Nixon, Petroleum Geologist
 Kansas License #179
 AAPG Certification #3179

DRILLING TIME LOG

2850'-2875'	1-1-3-2-1	2-2-2-2-2	3-2-2-3-2	2-2-2-3-2	2-1-1-1-3
2875'-2900'	3-3-3-3-2	2-3-5-3-4	4-4-4-4-4	2-3-1-1-1	2-2-1-1-1
2900'-2925'	½-1-1-1-1	1-1-3-1-1	1-1-2-3-3	3-3-3-4-3	3-2-1-2-4
2925'-2950'	4-2-3-2-3	2-2-3-3-3	4-5-6-5-4	4-5-3-3-3	3-3-3-3-3
2950'-2975'	4-4-4-4-1	2-3-3-3-3	3-4-4-4-3	4-5-5-5-5	3-3-3-3-3
2975'-3000'	3-3-3-2-2	2-2-1-2-2	2-2-2-2-1	3-4-4-2-1	2-3-2-2-2
3000'-3025'	2-2-2-2-2	3-4-4-3-3	2-4-3-4-3	3-2-2-3-2	3-3-3-3-2
3025'-3050'	3-3-3-3-3	3-3-2-2-1	1-2-2-2-3	3-3-3-3-2	1-2-1-1-3
3050'-3075'	3-3-3-3-2	3-2-2-2-2	2-2-2-2-2	3-3-3-2-3	2-3-2-2-3
3075'-3100'	1-1-3-2-2	1-1-1-1-1	1-1-2-2-1	1-1-1-1-1	1-1-1-1-2
3100'-3125'	1-1-2-1-2	2-2-1-2-3	2-3-3-2-2	2-2-2-2-2	2-3-2-2-2
3125'-3150'	2-3-3-2-1	1-½ -½-2-3	3-1-1-3-2	1-1-1-2-1	1-1-1-1-3
3150'-3175'	2-3-2-2-3	3-3-2-4-3	3-3-2-2-2	1-1-1-1-1	1-1-1-1-1
3175'-3200'	1-2-4-4-4	3-4-4-4-4	4-4-3-4-5	2-3-3-3-5	4-4-2-3-2
3200'-3225'	3-4-2-1-2	3-5-3-4-2	3-3-4-4-3	4-2-2-4-3	3-4-4-5-3
3225'-3250'	4-4-4-4-4	5-5-4-4-4	4-4-4-3-2	4-4-4-2-2	4-4-2-2-3
3250'-3275'	4-4-5-5-4	4-5-3-3-3	4-4-3-3-4	4-4-4-2-1	3-2-4-2-2
3275'-3300'	2-2-4-5-4	4-4-4-4-5	5-3-5-4-4	5-4-4-4-5	4-5-5-4-3
3300'-3325'	3-3-3-2-2	4-3-2-2-1	2-2-2-4-3	3-3-3-3-3	3-3-3-3-3
3325'-3350'	2-3-3-3-3	2-4-1-1-2	2-2-3-3-4	4-5-4-4-4	4-4-4-3-4
3350'-3375'	1-1-1-2-2	3-3-1-2-2	1-3-2-2-2	3-3-3-3-3	3-3-3-3-1
3375'-3400'	3-2-2-2-2	1-1-1-2-2	1-3-2-2-3	3-2-3-3-3	3-3-3-3-3
3400'-3425'	3-3-3-3-2	3-3-3-4-3	4-4-3-3-3	3-3-2-1-2	1-2-4-3-3
3425'-3450'	2-2-1-2-2	3-2-2-3-2	2-2-2-2-2	2-4-2-1-2	2-2-2-2-2
3450'-3475'	2-2-2-2-1	1-2-2-2-2	2-2-2-2-2	2-2-2-2-2	2-2-2-2-2
3475'-3500'	2-2-2-2-2	2-2-5-4-3	3-3-3-4-3	3-3-3-3-3	2-2-3-2-3
3500'-3525'	3-3-4-3-4	3-2-1-3-3	3-3-1-3-2	2-2-3-3-3	3-3-3-3-4
3525'-3530'	2-3-2-2-3	3530' RTD	CFS @ 3530'		