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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form U-7
August 2019

CASING MECHANICAL INTEGRITY TEST

Disposal: ☐ Enhanced Recovery: ☑ KCC District No.: 2

Operator License No.: 34318 Name: BEREXCO LLC

Address 1: 2020 N. BRAMBLEWOOD

Address 2:

City: WICHITA State: KS Zip: 67206 + 1094

Contact Person: Tony Vail Phone: (316) 265-3311

API No.: 15-191-10284-00-01 Permit No.: E03396.15

_ - SE - SE - NW Sec. 5 Twp. 32 S. R. 1 ☐ East ☑ West

2899 Feet from ☐ North / ☑ South Line of Section

2977 Feet from ☑ East / ☐ West Line of Section

Lease: WELLINGTON Well No.: 111-I

County: Sumner

Well Construction Details: ☐ New well ☐ Existing well with changes to construction ☑ Existing well with no changes to construcion

Maximum Authorized Injection Pressure: 800 psi Maximum Injection Rate: 1000 bbl/d

	Conductor	*Surface*	*Intermediate*	*Production*	*Liner*	*Tubing*
Size:	NA	10.75	NA	7	NA	2.375
Set at:		349		3669		3600
Sacks of Cement:						Type: Plastic lined
Cement Top:		0		0		
Cement Bottom:		349		3669		

Packer Type: AD-1 Set at: 3600

☐ DV Tool ☐ Port Collar Depth of: ___ feet with ___ sacks of cement TD (and plug back): 3689 feet depth

Zone of Injection Formation: MISSISSIPPIAN Top Feet: 3669 Bottom Feet: 3698 Perf. or Open Hole: Open

Is there a Chemical Sealant or a Mechanical Casing patch in the annular space? ☑ Yes ☐ No

If Dual Completion - Injection is: ☐ Above Production ☐ Below Production

FIELD DATA

GPS Location: Datum: ☐ NAD27 ☑ NAD83 ☐ WGS84 Lat: 37.29638 Long: -97.44983 Date Acquired: 03/22/2023

MIT Type: Tubing and Packer (or Initial Pressure) Test MIT Reason: 90-DAY RETEST - FAILURE

Time in Minute(s):	0	15	30			
Pressures: Set up 1	330	330	330			
Set up 2						
Set up 3						

Tested: ☐ Casing ☑ or Casing - Tubing Annulus System Pressure during test: ___ Bbls. to load annulus: ___

Test Date: 03/22/2023 Using: Berexco Company's Equipment

The zone tested for this well is between 0 feet and 3600 feet.

The test results were verified by operator's representative:

Name: Kameron Wilson Title: Foreman Phone: (316) 265-3311

KCC Office Use Only

The results were:

☑ Satisfactory

☐ Not Satisfactory

Next MIT: 03/21/2024

State Agent: Nicholas Barkley Title: E.C.R.S. Witness: ☑ Yes ☐ No

Remarks:

Well held 330 psi for 30 minutes. In response to last failed MIT, Operator placed polymer in well and reset packer. Approved KCC Annular Additive Design Request attached. Per Jeff Klock of the KCC, well will be placed on an annual MIT.

15-191-10784-00-01
E-03396.15

KANSAS CORPORATION COMMISSION

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- [ ] District #1 210 E Frontview Ste A Dodge City KS 67801 620-225-8888 FAX 620-225-3885
- [x] District #2 3450 N Rock Road Bldg 600 Ste 601 Wichita KS 67226 316-630-4000 FAX 316-630-4005
- [ ] District #3, 1500 W, 7th Chanute KS 66720 620-432-2300 FAX 620-432-2309
- [ ] District #4, 2301 E. 13th Hays KS 67601 785-625-0550 FAX 785-625-0564

Check Appropriate District Office

Annular Additive Design Request

Company Name: Berexco LLC Request Date: 3/13/2023

Address: 2020 N. Bramblewood City/State/Zip: Wichita KS 67206

Phone #: 316-772-2971 Fax # 316-691-4722

Contact Person: Kameron Wilson title: Foreman

Well Name: Wellington Unit #111-I API # 15-191-10284-00-01

Location: FSL 2899', FEL 2977' Qtr-Qtr-Qtr SE SE NW UIC Docket E 03396.15

Section 5 , Township 32S Range 1W County: Sumner

Date of Failed MIT: 12/15/22 Reason for Failure: Slow pressure bleed

Location (depth) and Type of Leak: TBD

Method used to determine leak location: Will set pkr & pressure annulus until isolated

MIT failure bleed off rate from 320 psi to 290 psi in 30 minutes.

Cemented intervals in well: Surface 353'-0', Prod 3669'-2606' (Calc)

Top and Bottom Depth of Fresh and Useable Ground Water: 0' 330' Formation name: Sumner Group

Name of Additive to be used: WSO-41

Describe the well construction, Size Production casing 7 " Tubing size and Packer setting depth 2 3/8" 3556'

Describe the Method of Additive Placement and Expected Quantity used: Approx 100 gal. Will locate leak, then run packer to bottom, spot polymer across leak, set packer and displace polymer into leak until MIT obtained

Expected Date to begin Procedure: 3/20/23 Schedule MIT with District Office

District Supervisor Approval for Additive Use.

Berexco, LLC is hereby approved to use the above named additive to restore Mechanical Integrity in the Wellington Unit #111 I well on this day 03 / 14 / 2023.

DISTRICT SUPERVISOR Note the above well must pass MI after additive placement.
authorized signature